Full Power Mode

<GSM>

GSM850_Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.08	32.98	32.76	**33.50**	24.08	23.98	23.76	24.50
GPRS 1 Tx slot	32.99	32.96	32.68	**33.50**	23.99	23.96	23.68	24.50
GPRS 2 Tx slots	30.66	30.85	30.59	**31.50**	24.66	24.85	24.59	25.50
GPRS 3 Tx slots	28.46	28.84	28.77	**29.50**	24.20	24.58	24.51	25.24
GPRS 4 Tx slots	26.57	26.40	26.23	**27.50**	23.57	23.40	23.23	24.50
EDGE 1 Tx slot	26.33	26.55	26.48	**27.50**	17.33	17.55	17.48	18.50
EDGE 2 Tx slots	24.61	24.45	24.89	**25.50**	18.61	18.45	18.89	19.50
EDGE 3 Tx slots	22.71	22.51	22.88	**23.50**	18.45	18.25	18.62	19.24
EDGE 4 Tx slots	20.77	20.55	20.79	**21.50**	17.77	17.55	17.79	18.50

GSM850_Ant4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.68	32.52	32.32	**33.50**	23.68	23.52	23.32	24.50
GPRS 1 Tx slot	32.58	32.37	32.27	**33.50**	23.58	23.37	23.27	24.50
GPRS 2 Tx slots	30.42	30.67	30.26	**31.50**	24.42	24.67	24.26	25.50
GPRS 3 Tx slots	28.32	28.61	28.56	**29.50**	24.06	24.35	24.30	25.24
GPRS 4 Tx slots	26.62	26.17	26.02	**27.50**	23.52	23.17	23.02	24.50
EDGE 1 Tx slot	26.12	26.30	26.13	**27.50**	17.12	17.30	17.13	18.50
EDGE 2 Tx slots	24.23	24.30	24.12	**25.50**	18.23	18.30	18.12	19.50
EDGE 3 Tx slots	22.30	22.50	22.22	**23.50**	18.04	18.24	17.96	19.24
EDGE 4 Tx slots	20.44	20.30	20.33	**21.50**	17.44	17.30	17.33	18.50

GSM1900_Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.96	30.12	30.31	**30.50**	20.96	21.12	21.31	21.50
GPRS 1 Tx slot	29.93	30.09	30.30	**30.50**	20.93	21.09	21.30	21.50
GPRS 2 Tx slots	27.62	27.85	27.91	**28.50**	21.62	21.85	21.91	22.50
GPRS 3 Tx slots	24.96	25.37	25.44	**26.00**	20.70	21.11	21.18	21.74
GPRS 4 Tx slots	23.81	24.03	24.03	**24.50**	20.81	21.03	21.03	21.50
EDGE 1 Tx slot	25.14	25.47	25.72	**26.00**	16.14	16.47	16.72	17.00
EDGE 2 Tx slots	22.77	23.34	23.29	**24.00**	16.77	17.34	17.29	18.00
EDGE 3 Tx slots	21.92	22.37	22.58	**23.50**	17.66	18.11	18.32	19.24
EDGE 4 Tx slots	20.36	20.68	20.62	**21.50**	17.36	17.68	17.62	18.50

GSM1900_Ant4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.51	29.57	29.62	**30.50**	20.51	20.57	20.62	21.50
GPRS 1 Tx slot	29.48	29.51	29.56	**30.50**	20.48	20.51	20.56	21.50
GPRS 2 Tx slots	26.68	26.80	26.86	**27.50**	20.68	20.80	20.86	21.50
GPRS 3 Tx slots	23.77	24.18	23.72	**25.00**	19.51	19.92	19.46	20.74
GPRS 4 Tx slots	22.52	22.94	22.42	**24.00**	19.52	19.94	19.42	21.00
EDGE 1 Tx slot	24.86	24.56	24.54	**26.00**	15.86	15.56	15.54	17.00
EDGE 2 Tx slots	22.24	22.11	21.94	**23.00**	16.24	16.11	15.94	17.00
EDGE 3 Tx slots	21.31	21.19	21.12	**22.50**	17.05	16.93	16.86	18.24
EDGE 4 Tx slots	19.49	19.42	19.28	**20.50**	16.49	16.42	16.28	17.50

<WCDMA>

Band		WCDMA II_Ant0			Tune-up Limit (dBm)	WCDMA IV_Ant0			Tune-up Limit (dBm)	WCDMA V_Ant0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.19	23.24	23.21	**24.00**	23.40	23.45	23.43	**24.00**	23.37	23.42	23.41	**24.00**
3GPP Rel 99	RMC 12.2Kbps	23.27	23.30	23.24	**24.00**	23.44	23.47	23.44	**24.00**	23.39	23.45	23.42	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.41	22.46	22.48	**23.00**	22.27	22.48	22.45	**23.00**	22.20	22.17	22.07	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.42	22.47	22.49	**23.00**	22.34	22.51	22.46	**23.00**	22.19	22.16	22.08	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.92	22.00	21.94	**22.50**	21.81	21.98	21.98	**22.50**	21.72	21.68	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.89	22.01	21.96	**22.50**	21.87	21.97	21.96	**22.50**	21.71	21.67	21.59	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.26	22.33	22.36	**23.00**	22.19	22.45	22.44	**23.00**	22.15	22.03	21.96	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.33	22.41	22.38	**23.00**	22.32	22.46	22.40	**23.00**	22.08	21.99	21.94	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	21.95	21.85	**22.50**	21.74	21.88	21.88	**22.50**	21.56	21.67	21.44	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.81	21.95	21.85	**22.50**	21.86	21.80	21.89	**22.50**	21.54	21.60	21.48	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.32	22.41	22.42	**23.00**	22.15	22.36	22.40	**23.00**	22.12	22.16	22.04	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.35	20.51	20.38	**21.00**	20.14	20.41	20.38	**21.00**	20.13	20.14	20.06	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.28	21.39	21.41	**22.00**	21.15	21.33	21.37	**22.00**	21.14	21.15	21.02	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.31	20.44	20.45	**21.00**	20.13	20.37	20.38	**21.00**	20.13	20.15	20.04	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.30	22.40	22.37	**23.00**	22.12	22.40	22.48	**23.00**	22.10	22.12	22.08	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.66	19.92	19.94	**20.50**	19.56	19.90	19.80	**20.50**	19.61	19.78	19.75	**20.50**

<WCDMA>

Band		WCDMA II_Ant4			Tune-up Limit (dBm)	WCDMA IV_Ant4			Tune-up Limit (dBm)	WCDMA V_Ant4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.05	23.05	22.68	**24.00**	23.38	23.50	23.47	**24.00**	22.90	22.91	22.81	**24.00**
3GPP Rel 99	RMC 12.2Kbps	23.07	23.09	22.71	**24.00**	23.40	23.54	23.51	**24.00**	22.92	22.98	22.83	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.11	22.08	21.91	**23.00**	22.50	22.65	22.61	**23.00**	21.99	22.04	22.01	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.09	22.12	21.94	**23.00**	22.52	22.63	22.58	**23.00**	22.01	22.06	21.99	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.66	21.61	21.46	**22.50**	21.96	22.17	22.09	**22.50**	21.50	21.51	21.47	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.63	21.57	21.47	**22.50**	21.98	22.15	22.13	**22.50**	21.49	21.50	21.51	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	21.98	21.95	21.89	**23.00**	22.38	22.57	22.60	**23.00**	21.97	21.94	21.87	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.05	22.08	21.81	**23.00**	22.50	22.60	22.44	**23.00**	21.89	21.95	21.91	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.65	21.46	21.44	**22.50**	21.84	22.10	21.99	**22.50**	21.42	21.38	21.43	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.48	21.56	21.45	**22.50**	21.97	22.10	22.00	**22.50**	21.37	21.37	21.50	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.09	22.06	21.98	**23.00**	22.55	22.70	22.69	**23.00**	22.02	22.01	22.00	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.08	20.04	20.01	**21.00**	20.53	20.73	20.65	**21.00**	19.95	19.99	19.97	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.11	21.06	20.98	**22.00**	21.63	21.70	21.60	**22.00**	20.95	20.92	20.98	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.06	20.09	19.96	**21.00**	20.48	20.69	20.62	**21.00**	19.96	20.01	19.99	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.10	22.10	21.90	**23.00**	22.40	22.60	22.60	**23.00**	22.00	22.00	21.60	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.50	19.42	19.48	**20.50**	20.08	20.10	20.12	**20.50**	19.45	19.51	19.44	**20.50**

Band 2_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.13	23.35	22.99	24	0
20	QPSK	1	49	22.85	22.78	22.94		
20	QPSK	1	99	22.94	22.81	22.92		
20	QPSK	50	0	22.03	22.05	22.03	23	1
20	QPSK	50	24	21.88	21.96	22.00		
20	QPSK	50	50	22.00	21.96	22.02		
20	QPSK	100	0	21.94	21.96	21.93		
20	16QAM	1	0	22.23	22.47	22.23	23	1
20	16QAM	1	49	22.46	22.04	22.28		
20	16QAM	1	99	22.39	22.02	22.14		
20	16QAM	50	0	21.01	21.05	21.02	22	2
20	16QAM	50	24	21.02	21.12	21.00		
20	16QAM	50	50	20.94	20.89	20.96		
20	16QAM	100	0	20.98	20.95	20.93		
20	64QAM	1	0	21.51	21.26	21.05	22	2
20	64QAM	1	49	21.35	21.27	21.41		
20	64QAM	1	99	21.06	21.29	21.04		
20	64QAM	50	0	20.03	20.04	19.98	21	3
20	64QAM	50	24	19.94	20.06	20.06		
20	64QAM	50	50	19.94	19.94	20.01		
20	64QAM	100	0	19.97	20.01	19.97		
20	256QAM	1	0	17.88	17.90	17.96	19	5
20	256QAM	1	49	18.03	17.97	17.98		
20	256QAM	1	99	18.02	18.04	18.06		
20	256QAM	50	0	17.90	17.90	17.96	19	5
20	256QAM	50	24	18.00	18.01	17.94		
20	256QAM	50	50	18.06	18.03	17.99		
20	256QAM	100	0	17.97	17.93	17.92		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	22.86	22.91	22.77	24	0
15	QPSK	1	37	22.89	22.95	22.92		
15	QPSK	1	74	22.78	22.87	22.83		
15	QPSK	36	0	21.93	21.96	22.04	23	1
15	QPSK	36	20	22.00	22.00	22.08		
15	QPSK	36	39	21.94	22.01	22.01		
15	QPSK	75	0	21.90	21.98	21.99		
15	16QAM	1	0	22.01	22.13	22.10	23	1
15	16QAM	1	37	22.02	22.12	22.21		
15	16QAM	1	74	22.45	22.37	22.36		
15	16QAM	36	0	20.95	20.89	20.92	22	2
15	16QAM	36	20	20.94	21.01	21.06		
15	16QAM	36	39	20.89	20.99	21.01		
15	16QAM	75	0	20.86	20.97	21.07		
15	64QAM	1	0	21.12	21.28	21.23	22	2
15	64QAM	1	37	21.08	20.89	21.11		
15	64QAM	1	74	21.07	21.26	21.12		
15	64QAM	36	0	19.88	20.01	19.98	21	3
15	64QAM	36	20	20.05	20.07	20.16		
15	64QAM	36	39	20.06	20.01	20.17		
15	64QAM	75	0	19.98	20.08	20.04		
15	256QAM	1	0	17.80	17.84	17.89	19	5
15	256QAM	1	37	17.91	17.91	17.87		
15	256QAM	1	74	17.91	18.03	17.97		
15	256QAM	36	0	17.89	17.89	17.94	19	5
15	256QAM	36	20	17.97	17.99	17.82		
15	256QAM	36	39	17.95	17.92	17.95		
15	256QAM	75	0	17.95	17.88	17.82		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	22.92	22.8	23.32	24	0
10	QPSK	1	25	22.97	23.04	22.91		
10	QPSK	1	49	22.81	22.97	22.97		
10	QPSK	25	0	21.98	22.08	22.15	23	1
10	QPSK	25	12	22	21.98	22.11		
10	QPSK	25	25	21.93	22.05	22.14		
10	QPSK	50	0	21.98	21.98	21.98		
10	16QAM	1	0	21.85	22.15	22.55	23	1
10	16QAM	1	25	21.83	22.09	22.02		
10	16QAM	1	49	22.56	21.87	22.27		
10	16QAM	25	0	21.09	21.06	21.22	22	2
10	16QAM	25	12	21.07	21.04	21.07		
10	16QAM	25	25	20.89	20.96	21.2		
10	16QAM	50	0	20.97	21.12	21.14		
10	64QAM	1	0	21.56	20.84	21.43	22	2
10	64QAM	1	25	21.2	21.1	21.3		
10	64QAM	1	49	21.2	21.35	21.4		
10	64QAM	25	0	20.08	20.21	20.13	21	3
10	64QAM	25	12	20.21	20.31	20.19		
10	64QAM	25	25	20.09	20.02	20.12		
10	64QAM	50	0	20.11	20.22	20.11		
10	256QAM	1	0	17.77	17.87	17.89	19	5
10	256QAM	1	25	17.94	17.96	17.89		
10	256QAM	1	49	17.91	18.03	18.03		
10	256QAM	25	0	17.87	17.87	17.93	19	5
10	256QAM	25	12	17.90	17.92	17.82		
10	256QAM	25	25	18.03	17.91	17.94		
10	256QAM	50	0	17.86	17.90	17.87		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	22.97	23.11	23.08	24	0
5	QPSK	1	12	22.87	22.96	23.03		
5	QPSK	1	24	23.02	23.11	22.94		
5	QPSK	12	0	21.99	22.24	22.19	23	1
5	QPSK	12	7	22.06	22.05	22.21		
5	QPSK	12	13	21.91	22.08	22.02		
5	QPSK	25	0	22.02	22.13	22.16		
5	16QAM	1	0	22.45	22.45	22.34	23	1
5	16QAM	1	12	22.21	22.19	22.95		
5	16QAM	1	24	22.07	22.44	22.62		
5	16QAM	12	0	21.11	21.23	21.3	22	2
5	16QAM	12	7	21.05	21.17	21.25		
5	16QAM	12	13	20.94	21.04	21.07		
5	16QAM	25	0	21.04	21.2	21.15		
5	64QAM	1	0	21.5	21.66	21.49	22	2
5	64QAM	1	12	21.44	21.41	21.39		
5	64QAM	1	24	21.44	21.2	21.36		
5	64QAM	12	0	20.25	20.29	20.28	21	3
5	64QAM	12	7	20.24	20.1	20.42		
5	64QAM	12	13	20.09	20.08	20.41		
5	64QAM	25	0	20.07	20.15	20		
5	256QAM	1	0	17.76	17.78	17.94	19	5
5	256QAM	1	12	17.95	17.92	17.95		
5	256QAM	1	24	17.90	18.03	18.02		
5	256QAM	12	0	17.88	17.81	17.95	19	5
5	256QAM	12	7	17.88	17.98	17.88		
5	256QAM	12	13	17.94	18.02	17.87		
5	256QAM	25	0	17.93	17.85	17.80		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	23.14	23.15	23.09	24	0
3	QPSK	1	8	23.08	23.18	23.11		
3	QPSK	1	14	22.95	23.03	22.85		
3	QPSK	8	0	22.01	22.20	22.09	23	1
3	QPSK	8	4	22.08	22.14	22.22		
3	QPSK	8	7	21.99	22.12	22.04		
3	QPSK	15	0	22.07	22.10	22.12		
3	16QAM	1	0	22.41	22.84	22.71	23	1
3	16QAM	1	8	22.72	22.70	22.76		
3	16QAM	1	14	22.43	22.37	22.53		
3	16QAM	8	0	21.20	21.30	21.21	22	2
3	16QAM	8	4	21.16	21.25	21.26		
3	16QAM	8	7	21.27	21.15	21.20		
3	16QAM	15	0	21.15	21.22	21.22		
3	64QAM	1	0	21.28	20.99	21.43	22	2
3	64QAM	1	8	21.20	21.49	21.42		
3	64QAM	1	14	21.01	21.33	21.38		
3	64QAM	8	0	20.27	20.13	20.35	21	3
3	64QAM	8	4	20.42	20.19	20.06		
3	64QAM	8	7	20.00	20.19	20.21		
3	64QAM	15	0	20.27	20.22	20.22		
3	256QAM	1	0	17.79	17.83	17.87	19	5
3	256QAM	1	8	17.93	17.96	17.91		
3	256QAM	1	14	17.92	18.00	17.95		
3	256QAM	8	0	17.84	17.86	17.94	19	5
3	256QAM	8	4	17.90	18.00	17.83		
3	256QAM	8	7	18.05	17.92	17.92		
3	256QAM	15	0	17.90	17.91	17.91		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	23.07	23.06	23.08	24	0
1.4	QPSK	1	3	22.97	23.09	23.03		
1.4	QPSK	1	5	22.91	23.00	22.73		
1.4	QPSK	3	0	23.00	23.04	23.02		
1.4	QPSK	3	1	22.93	22.97	22.99		
1.4	QPSK	3	3	22.87	22.99	22.63		
1.4	QPSK	6	0	21.96	22.01	22.10	23	1
1.4	16QAM	1	0	22.40	22.78	22.65	23	1
1.4	16QAM	1	3	22.63	22.69	22.69		
1.4	16QAM	1	5	22.37	22.25	22.49		
1.4	16QAM	3	0	22.30	22.67	22.64		
1.4	16QAM	3	1	22.54	22.60	22.67		
1.4	16QAM	3	3	22.28	22.23	22.43		
1.4	16QAM	6	0	21.12	21.21	21.14	22	2
1.4	64QAM	1	0	21.16	20.96	21.31	22	2
1.4	64QAM	1	3	21.12	21.37	21.39		
1.4	64QAM	1	5	20.89	21.23	21.26		
1.4	64QAM	3	0	21.10	20.92	21.27		
1.4	64QAM	3	1	21.10	21.34	21.27		
1.4	64QAM	3	3	20.83	21.16	21.18		
1.4	64QAM	6	0	20.21	20.14	20.12	21	3
1.4	256QAM	1	0	17.73	17.76	17.80	19	5
1.4	256QAM	1	3	17.92	17.91	17.85		
1.4	256QAM	1	5	17.87	17.88	17.88		
1.4	256QAM	3	0	17.78	17.76	17.93		
1.4	256QAM	3	1	17.87	17.91	17.78		
1.4	256QAM	3	3	18.01	17.81	17.89		
1.4	256QAM	6	0	17.87	17.86	17.87	19	5

Band 2_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.53	22.57	22.47	24	0
20	QPSK	1	49	22.41	22.52	22.41		
20	QPSK	1	99	22.38	22.39	22.29		
20	QPSK	50	0	21.60	21.68	21.47	23	1
20	QPSK	50	24	21.55	21.64	21.45		
20	QPSK	50	50	21.52	21.57	21.42		
20	QPSK	100	0	21.55	21.65	21.44		
20	16QAM	1	0	21.76	21.69	21.64	23	1
20	16QAM	1	49	21.73	21.67	21.69		
20	16QAM	1	99	21.58	21.66	21.55		
20	16QAM	50	0	20.57	20.51	20.38	22	2
20	16QAM	50	24	20.55	20.43	20.36		
20	16QAM	50	50	20.46	20.40	20.36		
20	16QAM	100	0	20.54	20.42	20.38		
20	64QAM	1	0	20.59	20.57	20.54	22	2
20	64QAM	1	49	20.62	20.47	20.60		
20	64QAM	1	99	20.61	20.51	20.48		
20	64QAM	50	0	19.59	19.51	19.40	21	3
20	64QAM	50	24	19.57	19.47	19.41		
20	64QAM	50	50	19.47	19.43	19.38		
20	64QAM	100	0	19.54	19.45	19.37		
20	256QAM	1	0	17.23	17.25	17.25	19	5
20	256QAM	1	49	17.12	17.13	17.04		
20	256QAM	1	99	16.92	16.87	16.92		
20	256QAM	50	0	16.95	16.92	16.91	19	5
20	256QAM	50	24	17.14	17.15	17.07		
20	256QAM	50	50	17.08	17.12	17.16		
20	256QAM	100	0	16.94	17.00	16.99		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	22.50	22.35	22.28	24	0
15	QPSK	1	37	22.37	22.29	22.28		
15	QPSK	1	74	22.32	22.24	22.21		
15	QPSK	36	0	21.57	21.43	21.32	23	1
15	QPSK	36	20	21.52	21.43	21.35		
15	QPSK	36	39	21.49	21.40	21.38		
15	QPSK	75	0	21.51	21.43	21.38		
15	16QAM	1	0	21.80	21.72	21.65	23	1
15	16QAM	1	37	21.71	21.56	21.62		
15	16QAM	1	74	21.68	21.57	21.61		
15	16QAM	36	0	20.51	20.48	20.34	22	2
15	16QAM	36	20	20.52	20.44	20.37		
15	16QAM	36	39	20.49	20.38	20.37		
15	16QAM	75	0	20.52	20.45	20.43		
15	64QAM	1	0	20.74	20.67	20.42	22	2
15	64QAM	1	37	20.58	20.48	20.54		
15	64QAM	1	74	20.63	20.41	20.44		
15	64QAM	36	0	19.57	19.52	19.38	21	3
15	64QAM	36	20	19.56	19.46	19.40		
15	64QAM	36	39	19.52	19.41	19.35		
15	64QAM	75	0	19.55	19.45	19.40		
15	256QAM	1	0	17.33	17.25	17.36	19	5
15	256QAM	1	37	17.04	16.99	17.13		
15	256QAM	1	74	16.94	16.84	16.95		
15	256QAM	36	0	16.95	16.88	16.93	19	5
15	256QAM	36	20	17.08	17.14	17.17		
15	256QAM	36	39	17.04	17.15	17.03		
15	256QAM	75	0	16.99	17.01	17.07		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	22.46	22.46	22.46	24	0
10	QPSK	1	25	22.43	22.41	22.39		
10	QPSK	1	49	22.36	22.36	22.30		
10	QPSK	25	0	21.64	21.56	21.42	23	1
10	QPSK	25	12	21.59	21.51	21.41		
10	QPSK	25	25	21.57	21.48	21.46		
10	QPSK	50	0	21.60	21.52	21.40		
10	16QAM	1	0	21.88	21.79	21.73	23	1
10	16QAM	1	25	21.84	21.80	21.78		
10	16QAM	1	49	21.75	21.75	21.75		
10	16QAM	25	0	20.67	20.58	20.43	22	2
10	16QAM	25	12	20.65	20.58	20.45		
10	16QAM	25	25	20.50	20.48	20.47		
10	16QAM	50	0	20.61	20.54	20.42		
10	64QAM	1	0	20.79	20.69	20.56	22	2
10	64QAM	1	25	20.75	20.63	20.66		
10	64QAM	1	49	20.69	20.54	20.54		
10	64QAM	25	0	19.69	19.62	19.51	21	3
10	64QAM	25	12	19.65	19.60	19.46		
10	64QAM	25	25	19.60	19.53	19.46		
10	64QAM	50	0	19.64	19.56	19.43		
10	256QAM	1	0	17.30	17.34	17.31	19	5
10	256QAM	1	25	17.05	17.13	17.06		
10	256QAM	1	49	16.89	16.89	16.93		
10	256QAM	25	0	16.92	16.98	16.99	19	5
10	256QAM	25	12	17.14	17.09	17.03		
10	256QAM	25	25	17.03	17.02	17.10		
10	256QAM	50	0	16.99	17.02	17.02		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	22.52	22.50	22.40	24	0
5	QPSK	1	12	22.51	22.45	22.36		
5	QPSK	1	24	22.37	22.31	22.32		
5	QPSK	12	0	21.60	21.53	21.51	23	1
5	QPSK	12	7	21.60	21.49	21.47		
5	QPSK	12	13	21.52	21.40	21.37		
5	QPSK	25	0	21.56	21.46	21.42		
5	16QAM	1	0	21.88	21.78	21.79	23	1
5	16QAM	1	12	22.02	21.83	21.86		
5	16QAM	1	24	21.88	21.74	21.66		
5	16QAM	12	0	20.68	20.58	20.53	22	2
5	16QAM	12	7	20.60	20.51	20.49		
5	16QAM	12	13	20.58	20.44	20.41		
5	16QAM	25	0	20.58	20.51	20.43		
5	64QAM	1	0	20.86	20.69	20.59	22	2
5	64QAM	1	12	20.63	20.64	20.62		
5	64QAM	1	24	20.71	20.54	20.55		
5	64QAM	12	0	19.67	19.56	19.54	21	3
5	64QAM	12	7	19.65	19.54	19.51		
5	64QAM	12	13	19.56	19.49	19.42		
5	64QAM	25	0	19.58	19.50	19.46		
5	256QAM	1	0	17.30	17.35	17.33	19	5
5	256QAM	1	12	17.11	17.13	17.10		
5	256QAM	1	24	16.86	16.85	16.84		
5	256QAM	12	0	16.86	16.99	16.91	19	5
5	256QAM	12	7	17.03	17.12	17.09		
5	256QAM	12	13	17.15	17.13	17.16		
5	256QAM	25	0	17.06	17.01	17.03		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	22.50	22.47	22.45	24	0
3	QPSK	1	8	22.45	22.47	22.42		
3	QPSK	1	14	22.36	22.29	22.30		
3	QPSK	8	0	21.58	21.51	21.50	23	1
3	QPSK	8	4	21.55	21.50	21.46		
3	QPSK	8	7	21.52	21.42	21.41		
3	QPSK	15	0	21.58	21.49	21.43		
3	16QAM	1	0	22.02	21.94	21.78	23	1
3	16QAM	1	8	21.91	21.66	21.80		
3	16QAM	1	14	21.78	21.60	21.64		
3	16QAM	8	0	20.63	20.58	20.57	22	2
3	16QAM	8	4	20.63	20.63	20.57		
3	16QAM	8	7	20.57	20.49	20.43		
3	16QAM	15	0	20.61	20.51	20.47		
3	64QAM	1	0	20.78	20.74	20.70	22	2
3	64QAM	1	8	20.77	20.69	20.65		
3	64QAM	1	14	20.68	20.68	20.66		
3	64QAM	8	0	19.71	19.53	19.41	21	3
3	64QAM	8	4	19.65	19.60	19.53		
3	64QAM	8	7	19.51	19.49	19.39		
3	64QAM	15	0	19.59	19.54	19.46		
3	256QAM	1	0	17.26	17.24	17.27	19	5
3	256QAM	1	8	17.02	16.99	17.05		
3	256QAM	1	14	16.87	16.93	16.93		
3	256QAM	8	0	16.91	16.88	16.98	19	5
3	256QAM	8	4	17.08	17.04	17.12		
3	256QAM	8	7	17.03	17.13	17.12		
3	256QAM	15	0	16.97	16.96	17.07		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	21.80	21.95	21.81	24	0
1.4	QPSK	1	3	21.97	22.07	21.92		
1.4	QPSK	1	5	21.81	21.96	21.90		
1.4	QPSK	3	0	21.91	21.97	21.92		
1.4	QPSK	3	1	21.89	22.04	22.02		
1.4	QPSK	3	3	21.91	21.95	21.94		
1.4	QPSK	6	0	21.02	21.06	20.93	23	1
1.4	16QAM	1	0	21.32	21.39	21.26	23	1
1.4	16QAM	1	3	21.27	21.29	21.24		
1.4	16QAM	1	5	21.24	21.36	21.31		
1.4	16QAM	3	0	21.22	21.24	21.21		
1.4	16QAM	3	1	21.16	21.29	21.15		
1.4	16QAM	3	3	21.17	21.23	21.21		
1.4	16QAM	6	0	20.11	20.16	20.06	22	2
1.4	64QAM	1	0	20.37	20.38	20.23	22	2
1.4	64QAM	1	3	20.25	20.30	20.29		
1.4	64QAM	1	5	20.18	20.24	20.20		
1.4	64QAM	3	0	20.08	20.18	20.16		
1.4	64QAM	3	1	20.29	20.35	20.27		
1.4	64QAM	3	3	20.21	20.23	20.17		
1.4	64QAM	6	0	19.15	19.22	19.15	21	3
1.4	256QAM	1	0	17.33	17.43	17.37	19	5
1.4	256QAM	1	3	17.20	17.34	17.14		
1.4	256QAM	1	5	16.99	17.12	16.97		
1.4	256QAM	3	0	17.02	17.20	17.00		
1.4	256QAM	3	1	17.15	17.19	17.18		
1.4	256QAM	3	3	17.22	17.23	17.17		
1.4	256QAM	6	0	17.26	17.28	17.09	19	5

Band 4_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.15	23.33	23.02	24	0
20	QPSK	1	49	23.04	23.12	23.01		
20	QPSK	1	99	22.87	22.88	22.79		
20	QPSK	50	0	22.08	22.15	22.13	23	1
20	QPSK	50	24	22.04	22.08	22.11		
20	QPSK	50	50	22.07	22.10	22.12		
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	0	22.09	22.53	22.55	23	1
20	16QAM	1	49	22.13	22.48	22.23		
20	16QAM	1	99	22.19	22.21	22.07		
20	16QAM	50	0	21.02	21.16	21.13	22	2
20	16QAM	50	24	21.12	21.11	21.17		
20	16QAM	50	50	21.05	21.06	21.10		
20	16QAM	100	0	21.04	21.06	21.11		
20	64QAM	1	0	21.19	21.31	21.07	22	2
20	64QAM	1	49	21.34	21.48	21.08		
20	64QAM	1	99	21.48	21.26	21.10		
20	64QAM	50	0	20.03	20.13	20.27	21	3
20	64QAM	50	24	20.15	20.01	20.37		
20	64QAM	50	50	20.00	20.16	20.27		
20	64QAM	100	0	20.04	20.07	20.00		
20	256QAM	1	0	17.91	17.95	18.09	19	5
20	256QAM	1	49	17.96	17.89	18.30		
20	256QAM	1	99	17.90	18.05	18.13		
20	256QAM	50	0	17.96	18.03	18.14	19	5
20	256QAM	50	24	17.97	17.85	18.32		
20	256QAM	50	50	17.88	18.08	18.18		
20	256QAM	100	0	17.83	17.92	17.81		
Channel				20025	20175	20325	Tune-up limit	MPR
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)	(dB)
15	QPSK	1	0	22.90	23.19	23.08	24	0
15	QPSK	1	37	22.78	22.99	23.06		
15	QPSK	1	74	22.85	22.95	22.98		
15	QPSK	36	0	21.90	22.10	22.21	23	1
15	QPSK	36	20	22.06	22.24	22.18		
15	QPSK	36	39	22.02	22.09	22.07		
15	QPSK	75	0	22.07	22.00	22.13		
15	16QAM	1	0	22.20	22.32	22.28	23	1
15	16QAM	1	37	22.04	22.51	22.25		
15	16QAM	1	74	22.27	22.32	22.02		
15	16QAM	36	0	20.88	21.01	21.09	22	2
15	16QAM	36	20	21.04	21.13	21.23		
15	16QAM	36	39	20.93	21.13	21.14		
15	16QAM	75	0	21.12	21.00	21.07		
15	64QAM	1	0	21.31	21.25	21.21	22	2
15	64QAM	1	37	21.36	21.65	21.68		
15	64QAM	1	74	21.52	21.43	21.53		
15	64QAM	36	0	20.06	20.24	20.21	21	3
15	64QAM	36	20	20.13	20.15	20.21		
15	64QAM	36	39	20.00	20.24	20.11		
15	64QAM	75	0	20.15	20.04	20.20		
15	256QAM	1	0	17.84	17.94	18.15	19	5
15	256QAM	1	37	17.96	17.86	18.24		
15	256QAM	1	74	17.91	17.96	18.19		
15	256QAM	36	0	17.86	18.07	18.09	19	5
15	256QAM	36	20	18.02	17.87	18.28		
15	256QAM	36	39	17.96	18.07	18.16		
15	256QAM	75	0	17.84	17.88	17.90		
Channel				20000	20175	20350	Tune-up limit	MPR
Frequency (MHz)				1715	1732.5	1750	(dBm)	(dB)
10	QPSK	1	0	22.99	23.11	23.23	24	0
10	QPSK	1	25	22.98	22.97	23.18		
10	QPSK	1	49	23.03	22.89	23.15		
10	QPSK	25	0	22.15	22.26	22.26	23	1
10	QPSK	25	12	22.06	22.25	22.28		
10	QPSK	25	25	22.16	22.24	22.24		
10	QPSK	50	0	22.24	22.14	22.34		
10	16QAM	1	0	22.37	22.30	22.64	23	1
10	16QAM	1	25	22.22	22.68	22.67		
10	16QAM	1	49	22.46	22.36	22.53		
10	16QAM	25	0	21.11	21.16	21.26	22	2
10	16QAM	25	12	21.16	21.13	21.10		
10	16QAM	25	25	21.02	21.27	21.27		
10	16QAM	50	0	21.08	21.20	21.33		
10	64QAM	1	0	21.16	20.99	21.00	22	2
10	64QAM	1	25	21.13	21.40	21.48		
10	64QAM	1	49	21.44	21.21	21.42		
10	64QAM	25	0	20.23	20.30	20.33	21	3
10	64QAM	25	12	20.13	20.22	20.28		
10	64QAM	25	25	20.21	20.38	20.39		
10	64QAM	50	0	20.20	20.24	20.34		
10	256QAM	1	0	17.91	17.96	18.09	19	5
10	256QAM	1	25	17.97	17.90	18.30		
10	256QAM	1	49	17.94	18.03	18.19		
10	256QAM	25	0	17.93	18.04	18.05	19	5
10	256QAM	25	12	18.00	17.83	18.27		
10	256QAM	25	25	17.97	18.07	18.16		
10	256QAM	50	0	17.83	17.92	17.88		
Channel				19975	20175	20375	Tune-up limit	MPR
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)	(dB)
5	QPSK	1	0	23.05	23.18	23.26	24	0
5	QPSK	1	12	23.04	23.01	23.18		
5	QPSK	1	24	23.12	23.20	23.13		
5	QPSK	12	0	22.03	22.13	22.32	23	1
5	QPSK	12	7	22.06	22.23	22.27		
5	QPSK	12	13	22.15	22.21	22.25		
5	QPSK	25	0	22.13	22.10	22.28		
5	16QAM	1	0	22.32	22.79	22.57	23	1
5	16QAM	1	12	22.54	22.66	22.30		
5	16QAM	1	24	22.31	22.80	22.66		
5	16QAM	12	0	21.09	21.30	21.42	22	2
5	16QAM	12	7	21.22	21.31	21.53		
5	16QAM	12	13	21.27	21.19	21.41		
5	16QAM	25	0	21.16	21.30	21.30		
5	64QAM	1	0	21.35	21.14	21.47	22	2
5	64QAM	1	12	21.27	21.08	21.34		
5	64QAM	1	24	21.40	21.49	21.57		
5	64QAM	12	0	20.17	20.31	20.34	21	3
5	64QAM	12	7	20.18	20.29	20.43		
5	64QAM	12	13	19.95	20.07	20.29		
5	64QAM	25	0	20.18	20.13	20.36		
5	256QAM	1	0	17.86	18.03	18.15	19	5
5	256QAM	1	12	17.94	17.85	18.29		
5	256QAM	1	24	17.94	18.06	18.14		
5	256QAM	12	0	17.92	18.06	18.06	19	5
5	256QAM	12	7	18.02	17.81	18.32		
5	256QAM	12	13	17.96	18.09	18.19		
5	256QAM	25	0	17.88	17.95	17.84		
Channel				19965	20175	20385	Tune-up limit	MPR
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)	(dB)
3	QPSK	1	0	23.00	21.15	23.20	24	0
3	QPSK	1	8	22.92	22.98	23.08		
3	QPSK	1	14	23.06	23.12	23.05		
3	QPSK	8	0	21.99	22.01	22.24	23	1
3	QPSK	8	4	21.97	22.21	22.20		
3	QPSK	8	7	22.12	22.13	22.14		
3	QPSK	15	0	22.12	21.98	22.25		
3	16QAM	1	0	22.25	22.71	22.48	23	1
3	16QAM	1	8	22.48	22.55	22.22		
3	16QAM	1	14	22.28	22.79	22.65		
3	16QAM	8	0	20.98	21.27	21.34	22	2
3	16QAM	8	4	21.21	21.21	21.52		
3	16QAM	8	7	21.16	21.18	21.32		
3	16QAM	15	0	21.04	21.23	21.28		
3	64QAM	1	0	21.23	21.03	21.39	22	2
3	64QAM	1	8	21.19	21.07	21.27		
3	64QAM	1	14	21.34	21.40	21.45		
3	64QAM	8	0	20.09	20.20	20.33	21	3
3	64QAM	8	4	20.12	20.21	20.35		
3	64QAM	8	7	19.94	20.03	20.27		
3	64QAM	15	0	20.14	20.09	20.34		
3	256QAM	1	0	17.85	17.92	18.14	19	5
3	256QAM	1	8	17.86	17.79	18.28		
3	256QAM	1	14	17.92	17.98	18.11		
3	256QAM	8	0	17.90	18.00	18.00	19	5
3	256QAM	8	4	17.92	17.75	18.23		
3	256QAM	8	7	17.94	17.97	18.08		
3	256QAM	15	0	17.85	17.94	17.75		
Channel				19957	20175	20393	Tune-up limit	MPR
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)	(dB)
1.4	QPSK	1	0	22.95	23.30	23.21	24	0
1.4	QPSK	1	3	22.99	22.99	23.15		
1.4	QPSK	1	5	23.06	23.09	23.11		
1.4	QPSK	3	0	22.88	23.24	23.14		
1.4	QPSK	3	1	22.97	22.89	23.03		
1.4	QPSK	3	3	22.96	22.99	23.05		
1.4	QPSK	6	0	22.01	21.98	22.26	23	1
1.4	16QAM	1	0	22.24	22.68	22.56	23	1
1.4	16QAM	1	3	22.52	22.63	22.21		
1.4	16QAM	1	5	22.27	22.69	22.65		
1.4	16QAM	3	0	22.17	22.66	22.52		
1.4	16QAM	3	1	22.47	22.62	22.19		
1.4	16QAM	3	3	22.16	22.63	22.60		
1.4	16QAM	6	0	21.15	21.27	21.20	22	2
1.4	64QAM	1	0	21.30	21.13	21.36	22	2
1.4	64QAM	1	3	21.15	21.05	21.27		
1.4	64QAM	1	5	21.33	21.42	21.48		
1.4	64QAM	3	0	21.19	21.11	21.31		
1.4	64QAM	3	1	21.11	20.96	21.19		
1.4	64QAM	3	3	21.21	21.34	21.41		
1.4	64QAM	6	0	20.10	20.12	20.34	21	3
1.4	256QAM	1	0	17.79	17.92	18.10	19	5
1.4	256QAM	1	3	17.84	17.82	18.23		
1.4	256QAM	1	5	17.93	18.03	18.09		
1.4	256QAM	3	0	17.87	17.97	17.99		
1.4	256QAM	3	1	17.93	17.69	18.31		
1.4	256QAM	3	3	17.94	17.98	18.08		
1.4	256QAM	6	0	17.82	17.90	17.74	19	5

Band 4_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.09	23.27	23.17	24	0
20	QPSK	1	49	23.07	23.13	23.09		
20	QPSK	1	99	22.98	23.00	22.99		
20	QPSK	50	0	22.19	22.26	22.22	23	1
20	QPSK	50	24	22.17	22.25	22.18		
20	QPSK	50	50	22.15	22.17	22.18		
20	QPSK	100	0	22.15	22.16	22.13		
20	16QAM	1	0	22.34	22.47	22.55	23	1
20	16QAM	1	49	22.35	22.44	22.43		
20	16QAM	1	99	22.29	22.31	22.37		
20	16QAM	50	0	21.08	21.18	21.23	22	2
20	16QAM	50	24	21.16	21.20	21.27		
20	16QAM	50	50	21.13	21.19	21.19		
20	16QAM	100	0	21.15	21.18	21.19		
20	64QAM	1	0	21.17	21.24	21.36	22	2
20	64QAM	1	49	21.35	21.35	21.37		
20	64QAM	1	99	21.16	21.28	21.29		
20	64QAM	50	0	20.15	20.22	20.23	21	3
20	64QAM	50	24	20.20	20.21	20.29		
20	64QAM	50	50	20.11	20.22	20.20		
20	64QAM	100	0	20.17	20.15	20.16		
20	256QAM	1	0	18.15	18.03	18.12	19	5
20	256QAM	1	49	18.07	18.08	18.12		
20	256QAM	1	99	18.13	18.13	18.12		
20	256QAM	50	0	18.18	18.15	18.10	19	5
20	256QAM	50	24	18.00	17.94	17.93		
20	256QAM	50	50	17.96	17.94	17.90		
20	256QAM	100	0	18.03	18.01	17.94		
Channel				20025	20175	20325	Tune-up limit	MPR
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)	(dB)
15	QPSK	1	0	23.01	23.13	23.16	24	0
15	QPSK	1	37	23.03	23.15	23.13		
15	QPSK	1	74	23.01	23.04	23.04		
15	QPSK	36	0	22.02	22.19	22.23	23	1
15	QPSK	36	20	22.14	22.26	22.26		
15	QPSK	36	39	22.10	22.17	22.17		
15	QPSK	75	0	22.12	22.15	22.17		
15	16QAM	1	0	22.36	22.47	22.48	23	1
15	16QAM	1	37	22.34	22.37	22.40		
15	16QAM	1	74	22.28	22.38	22.37		
15	16QAM	36	0	21.03	21.18	21.18	22	2
15	16QAM	36	20	21.17	21.26	21.29		
15	16QAM	36	39	21.10	21.16	21.19		
15	16QAM	75	0	21.16	21.16	21.17		
15	64QAM	1	0	21.20	21.34	21.28	22	2
15	64QAM	1	37	21.26	21.22	21.38		
15	64QAM	1	74	21.26	21.27	21.23		
15	64QAM	36	0	20.08	20.23	20.21	21	3
15	64QAM	36	20	20.16	20.27	20.29		
15	64QAM	36	39	20.14	20.22	20.23		
15	64QAM	75	0	20.13	20.12	20.19		
15	256QAM	1	0	18.03	18.11	18.16	19	5
15	256QAM	1	37	18.09	18.14	18.10		
15	256QAM	1	74	18.06	18.01	18.10		
15	256QAM	36	0	18.10	18.06	18.12	19	5
15	256QAM	36	20	18.04	18.03	17.95		
15	256QAM	36	39	17.97	17.93	18.02		
15	256QAM	75	0	18.01	17.94	17.99		
Channel				20000	20175	20350	Tune-up limit	MPR
Frequency (MHz)				1715	1732.5	1750	(dBm)	(dB)
10	QPSK	1	0	23.10	23.16	23.21	24	0
10	QPSK	1	25	23.07	23.12	23.15		
10	QPSK	1	49	23.07	23.11	23.05		
10	QPSK	25	0	22.24	22.34	22.31	23	1
10	QPSK	25	12	22.24	22.33	22.33		
10	QPSK	25	25	22.20	22.37	22.34		
10	QPSK	50	0	22.24	22.30	22.30		
10	16QAM	1	0	22.49	22.66	22.64	23	1
10	16QAM	1	25	22.46	22.67	22.65		
10	16QAM	1	49	22.56	22.59	22.57		
10	16QAM	25	0	21.27	21.30	21.34	22	2
10	16QAM	25	12	21.27	21.33	21.36		
10	16QAM	25	25	21.20	21.32	21.38		
10	16QAM	50	0	21.25	21.32	21.33		
10	64QAM	1	0	21.34	21.45	21.39	22	2
10	64QAM	1	25	21.19	21.36	21.39		
10	64QAM	1	49	21.40	21.43	21.45		
10	64QAM	25	0	20.25	20.37	20.34	21	3
10	64QAM	25	12	20.29	20.36	20.36		
10	64QAM	25	25	20.28	20.40	20.39		
10	64QAM	50	0	20.30	20.33	20.38		
10	256QAM	1	0	18.10	18.16	18.17	19	5
10	256QAM	1	25	18.03	18.11	18.05		
10	256QAM	1	49	18.04	18.12	18.05		
10	256QAM	25	0	18.09	18.09	18.14	19	5
10	256QAM	25	12	18.01	17.98	17.93		
10	256QAM	25	25	17.90	18.00	17.89		
10	256QAM	50	0	17.98	18.02	17.91		
Channel				19975	20175	20375	Tune-up limit	MPR
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)	(dB)
5	QPSK	1	0	23.14	23.27	23.20	24	0
5	QPSK	1	12	23.13	23.25	23.25		
5	QPSK	1	24	23.06	23.25	23.19		
5	QPSK	12	0	22.18	22.22	22.34	23	1
5	QPSK	12	7	22.18	22.33	22.33		
5	QPSK	12	13	22.18	22.30	22.30		
5	QPSK	25	0	22.22	22.25	22.33		
5	16QAM	1	0	22.57	22.70	22.67	23	1
5	16QAM	1	12	22.55	22.80	22.75		
5	16QAM	1	24	22.50	22.67	22.67		
5	16QAM	12	0	21.27	21.25	21.41	22	2
5	16QAM	12	7	21.22	21.35	21.39		
5	16QAM	12	13	21.20	21.34	21.40		
5	16QAM	25	0	21.18	21.27	21.37		
5	64QAM	1	0	21.35	21.40	21.53	22	2
5	64QAM	1	12	21.24	21.44	21.47		
5	64QAM	1	24	21.40	21.47	21.55		
5	64QAM	12	0	20.22	20.25	20.40	21	3
5	64QAM	12	7	20.25	20.36	20.43		
5	64QAM	12	13	20.22	20.33	20.34		
5	64QAM	25	0	20.18	20.24	20.36		
5	256QAM	1	0	18.15	18.09	18.09	19	5
5	256QAM	1	12	18.07	18.15	18.01		
5	256QAM	1	24	18.08	18.02	18.04		
5	256QAM	12	0	18.11	18.10	18.06	19	5
5	256QAM	12	7	17.99	17.97	17.97		
5	256QAM	12	13	18.01	17.89	17.98		
5	256QAM	25	0	17.93	18.03	17.96		
Channel				19965	20175	20385	Tune-up limit	MPR
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)	(dB)
3	QPSK	1	0	23.05	23.03	23.08	24	0
3	QPSK	1	8	23.02	23.07	22.99		
3	QPSK	1	14	23.11	22.99	23.04		
3	QPSK	8	0	21.99	21.95	22.04	23	1
3	QPSK	8	4	22.01	22.04	21.95		
3	QPSK	8	7	22.07	21.95	22.01		
3	QPSK	15	0	21.04	21.10	21.06		
3	16QAM	1	0	22.25	22.33	22.30	23	1
3	16QAM	1	8	22.26	22.32	22.18		
3	16QAM	1	14	22.32	22.25	22.30		
3	16QAM	8	0	21.34	21.35	21.24	22	2
3	16QAM	8	4	21.35	21.29	21.24		
3	16QAM	8	7	21.04	21.13	21.06		
3	16QAM	15	0	20.12	20.15	20.14		
3	64QAM	1	0	21.25	21.28	21.19	22	2
3	64QAM	1	8	21.25	21.35	21.33		
3	64QAM	1	14	21.29	21.34	21.34		
3	64QAM	8	0	20.37	20.31	20.28	21	3
3	64QAM	8	4	20.37	20.36	20.33		
3	64QAM	8	7	20.23	20.24	20.25		
3	64QAM	15	0	20.13	20.11	20.11		
3	256QAM	1	0	18.22	18.19	18.18	19	5
3	256QAM	1	8	18.06	18.12	18.16		
3	256QAM	1	14	18.12	18.08	18.16		
3	256QAM	8	0	18.15	18.20	18.19	19	5
3	256QAM	8	4	18.04	18.13	18.05		
3	256QAM	8	7	18.05	18.18	18.04		
3	256QAM	15	0	18.11	17.99	18.06		
Channel				19957	20175	20393	Tune-up limit	MPR
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)	(dB)
1.4	QPSK	1	0	23.09	23.14	23.04	24	0
1.4	QPSK	1	3	23.00	23.14	23.01		
1.4	QPSK	1	5	23.07	23.14	23.01		
1.4	QPSK	3	0	22.98	23.08	22.95		
1.4	QPSK	3	1	23.02	23.08	23.07		
1.4	QPSK	3	3	23.04	23.08	23.01		
1.4	QPSK	6	0	22.05	22.12	22.01	23	1
1.4	16QAM	1	0	22.28	22.39	22.33	23	1
1.4	16QAM	1	3	22.25	22.33	22.24		
1.4	16QAM	1	5	22.28	22.33	22.29		
1.4	16QAM	3	0	22.23	22.38	22.36		
1.4	16QAM	3	1	22.36	22.38	22.26		
1.4	16QAM	3	3	22.11	22.18	22.07		
1.4	16QAM	6	0	21.18	21.24	21.17	22	2
1.4	64QAM	1	0	21.25	21.33	21.27	22	2
1.4	64QAM	1	3	21.33	21.37	21.29		
1.4	64QAM	1	5	21.29	21.37	21.30		
1.4	64QAM	3	0	21.35	21.38	21.33		
1.4	64QAM	3	1	21.33	21.38	21.28		
1.4	64QAM	3	3	21.24	21.30	21.26		
1.4	64QAM	6	0	20.12	20.20	20.10	21	3
1.4	256QAM	1	0	18.22	18.24	18.04	19	5
1.4	256QAM	1	3	18.05	18.24	18.22		
1.4	256QAM	1	5	18.14	18.24	18.14		
1.4	256QAM	3	0	18.16	18.24	18.20		
1.4	256QAM	3	1	18.20	18.24	18.20		
1.4	256QAM	3	3	18.06	18.24	18.09		
1.4	256QAM	6	0	18.03	18.16	18.05	19	5

Band 5_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.82	23.11	23.09	24	0
10	QPSK	1	25	22.80	22.93	22.76		
10	QPSK	1	49	22.81	22.93	22.74		
10	QPSK	25	0	21.88	22.08	21.90	23	1
10	QPSK	25	12	21.85	22.00	21.88		
10	QPSK	25	25	21.83	22.00	21.86		
10	QPSK	50	0	21.94	21.98	21.95		
10	16QAM	1	0	22.54	22.54	22.13	23	1
10	16QAM	1	25	22.49	22.48	22.09		
10	16QAM	1	49	22.54	22.18	22.13		
10	16QAM	25	0	21.03	20.97	20.98	22	2
10	16QAM	25	12	21.07	21.00	21.00		
10	16QAM	25	25	21.14	20.93	20.97		
10	16QAM	50	0	21.14	20.97	20.97		
10	64QAM	1	0	20.99	21.24	21.00	22	2
10	64QAM	1	25	21.00	21.31	21.29		
10	64QAM	1	49	20.97	21.27	21.28		
10	64QAM	25	0	20.12	19.97	19.98	21	3
10	64QAM	25	12	20.15	20.05	19.96		
10	64QAM	25	25	20.12	20.01	20.10		
10	64QAM	50	0	20.06	20.11	20.02		
10	256QAM	1	0	17.96	17.82	17.93	19	5
10	256QAM	1	25	17.97	17.92	17.82		
10	256QAM	1	49	17.90	17.85	18.04		
10	256QAM	25	0	17.91	17.82	17.89	19	5
10	256QAM	25	12	18.02	17.90	17.77		
10	256QAM	25	25	17.93	17.82	18.03		
10	256QAM	50	0	17.98	17.93	17.89		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	23.05	22.98	22.74	24	0
5	QPSK	1	12	23.09	23.10	22.91		
5	QPSK	1	24	23.10	22.97	22.90		
5	QPSK	12	0	22.03	21.92	21.88	23	1
5	QPSK	12	7	21.98	21.88	21.83		
5	QPSK	12	13	21.93	22.02	21.92		
5	QPSK	25	0	22.00	22.01	21.89		
5	16QAM	1	0	22.10	22.39	22.53	23	1
5	16QAM	1	12	22.12	22.29	22.19		
5	16QAM	1	24	22.48	22.49	22.36		
5	16QAM	12	0	21.09	21.00	20.92	22	2
5	16QAM	12	7	21.10	21.08	20.96		
5	16QAM	12	13	21.07	21.05	20.98		
5	16QAM	25	0	21.00	20.95	20.85		
5	64QAM	1	0	21.37	21.10	20.99	22	2
5	64QAM	1	12	21.29	21.12	21.01		
5	64QAM	1	24	21.44	21.20	21.13		
5	64QAM	12	0	19.93	20.11	19.92	21	3
5	64QAM	12	7	20.14	20.00	19.87		
5	64QAM	12	13	20.01	19.94	19.90		
5	64QAM	25	0	20.04	20.09	19.97		
5	256QAM	1	0	17.98	17.86	17.88	19	5
5	256QAM	1	12	17.96	17.93	17.76		
5	256QAM	1	24	17.93	17.90	18.06		
5	256QAM	12	0	17.93	17.86	17.93	19	5
5	256QAM	12	7	17.99	17.87	17.78		
5	256QAM	12	13	17.93	17.88	18.00		
5	256QAM	25	0	17.96	17.99	17.89		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.95	22.95	22.73	24	0
3	QPSK	1	8	22.99	23.09	22.87		
3	QPSK	1	14	22.99	22.96	22.79		
3	QPSK	8	0	21.92	21.83	21.86	23	1
3	QPSK	8	4	21.95	21.86	21.79		
3	QPSK	8	7	21.92	21.90	21.81		
3	QPSK	15	0	21.97	21.96	21.81		
3	16QAM	1	0	21.98	22.38	22.43	23	1
3	16QAM	1	8	22.06	22.24	22.10		
3	16QAM	1	14	22.42	22.40	22.27		
3	16QAM	8	0	21.03	20.91	20.81	22	2
3	16QAM	8	4	21.07	21.01	20.91		
3	16QAM	8	7	21.05	21.01	20.94		
3	16QAM	15	0	20.89	20.88	20.73		
3	64QAM	1	0	21.26	21.01	20.97	22	2
3	64QAM	1	8	21.20	21.02	20.91		
3	64QAM	1	14	21.38	21.16	21.03		
3	64QAM	8	0	19.84	20.10	19.88	21	3
3	64QAM	8	4	20.07	19.90	19.86		
3	64QAM	8	7	19.89	19.88	19.79		
3	64QAM	15	0	20.01	20.00	19.91		
3	256QAM	1	0	17.96	17.74	17.77	19	5
3	256QAM	1	8	17.87	17.86	17.69		
3	256QAM	1	14	17.90	17.82	17.96		
3	256QAM	8	0	17.82	17.77	17.88	19	5
3	256QAM	8	4	17.97	17.86	17.74		
3	256QAM	8	7	17.88	17.76	17.99		
3	256QAM	15	0	17.88	17.93	17.86		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.95	22.95	22.62	24	0
1.4	QPSK	1	3	23.06	23.08	22.84		
1.4	QPSK	1	5	23.08	22.92	22.83		
1.4	QPSK	3	0	22.92	22.85	22.50		
1.4	QPSK	3	1	23.04	23.07	22.75		
1.4	QPSK	3	3	23.03	22.88	22.75		
1.4	QPSK	6	0	21.95	21.93	21.79	23	1
1.4	16QAM	1	0	22.00	22.31	22.44	23	1
1.4	16QAM	1	3	22.04	22.17	22.17		
1.4	16QAM	1	5	22.46	22.39	22.25		
1.4	16QAM	3	0	21.95	22.23	22.37		
1.4	16QAM	3	1	21.95	22.15	22.15		
1.4	16QAM	3	3	22.45	22.32	22.22		
1.4	16QAM	6	0	20.90	20.83	20.73	22	2
1.4	64QAM	1	0	21.35	21.08	20.92	22	2
1.4	64QAM	1	3	21.19	21.05	20.96		
1.4	64QAM	1	5	21.43	21.17	21.08		
1.4	64QAM	3	0	21.25	21.05	20.90		
1.4	64QAM	3	1	21.18	20.94	20.87		
1.4	64QAM	3	3	21.31	21.15	20.99		
1.4	64QAM	6	0	20.03	19.99	19.95	21	3
1.4	256QAM	1	0	17.95	17.84	17.83	19	5
1.4	256QAM	1	3	17.93	17.84	17.66		
1.4	256QAM	1	5	17.88	17.86	17.96		
1.4	256QAM	3	0	17.92	17.78	17.88		
1.4	256QAM	3	1	17.92	17.82	17.76		
1.4	256QAM	3	3	17.91	17.86	17.94		
1.4	256QAM	6	0	17.86	17.87	17.85	19	5

Band 5_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.62	22.75	22.63	24	0
10	QPSK	1	25	22.56	22.66	22.62		
10	QPSK	1	49	22.60	22.63	22.55		
10	QPSK	25	0	21.76	21.78	21.72	23	1
10	QPSK	25	12	21.75	21.69	21.71		
10	QPSK	25	25	21.71	21.77	21.71		
10	QPSK	50	0	21.75	21.76	21.70		
10	16QAM	1	0	22.10	22.01	22.02	23	1
10	16QAM	1	25	21.91	21.99	22.01		
10	16QAM	1	49	21.97	22.05	21.96		
10	16QAM	25	0	20.72	20.73	20.76	22	2
10	16QAM	25	12	20.79	20.76	20.74		
10	16QAM	25	25	20.74	20.80	20.71		
10	16QAM	50	0	20.81	20.72	20.68		
10	64QAM	1	0	20.81	20.80	20.88	22	2
10	64QAM	1	25	20.84	20.95	20.87		
10	64QAM	1	49	20.91	20.85	20.81		
10	64QAM	25	0	19.75	19.76	19.77	21	3
10	64QAM	25	12	19.82	19.76	19.72		
10	64QAM	25	25	19.77	19.79	19.77		
10	64QAM	50	0	19.80	19.73	19.73		
10	256QAM	1	0	18.24	18.20	18.21	19	5
10	256QAM	1	25	18.23	18.20	18.24		
10	256QAM	1	49	18.19	18.10	18.19		
10	256QAM	25	0	17.54	17.57	17.60	19	5
10	256QAM	25	12	17.48	17.54	17.58		
10	256QAM	25	25	17.66	17.61	17.63		
10	256QAM	50	0	17.19	17.26	17.21		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	22.73	22.70	22.60	24	0
5	QPSK	1	12	22.66	22.63	22.56		
5	QPSK	1	24	22.67	22.68	22.54		
5	QPSK	12	0	21.74	21.68	21.59	23	1
5	QPSK	12	7	21.72	21.66	21.61		
5	QPSK	12	13	21.70	21.72	21.65		
5	QPSK	25	0	21.71	21.67	21.61		
5	16QAM	1	0	22.05	22.04	21.94	23	1
5	16QAM	1	12	21.87	21.99	21.91		
5	16QAM	1	24	22.02	22.03	21.86		
5	16QAM	12	0	20.74	20.68	20.66	22	2
5	16QAM	12	7	20.73	20.70	20.62		
5	16QAM	12	13	20.73	20.75	20.71		
5	16QAM	25	0	20.73	20.65	20.60		
5	64QAM	1	0	20.97	20.81	20.77	22	2
5	64QAM	1	12	20.80	20.81	20.83		
5	64QAM	1	24	20.93	20.91	20.79		
5	64QAM	12	0	19.79	19.74	19.70	21	3
5	64QAM	12	7	19.73	19.74	19.67		
5	64QAM	12	13	19.75	19.76	19.67		
5	64QAM	25	0	19.75	19.70	19.63		
5	256QAM	1	0	18.11	18.19	18.23	19	5
5	256QAM	1	12	18.20	18.32	18.22		
5	256QAM	1	24	18.12	18.17	18.14		
5	256QAM	12	0	17.54	17.59	17.57	19	5
5	256QAM	12	7	17.59	17.46	17.59		
5	256QAM	12	13	17.59	17.60	17.67		
5	256QAM	25	0	17.17	17.24	17.28		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.53	22.50	22.56	24	0
3	QPSK	1	8	22.48	22.51	22.43		
3	QPSK	1	14	22.50	22.49	22.47		
3	QPSK	8	0	21.52	21.57	21.54	23	1
3	QPSK	8	4	21.46	21.47	21.52		
3	QPSK	8	7	21.63	21.56	21.64		
3	QPSK	15	0	21.50	21.60	21.52		
3	16QAM	1	0	21.87	21.89	21.81	23	1
3	16QAM	1	8	21.87	21.78	21.83		
3	16QAM	1	14	21.75	21.79	21.71		
3	16QAM	8	0	20.57	20.62	20.65	22	2
3	16QAM	8	4	20.56	20.61	20.60		
3	16QAM	8	7	20.61	20.68	20.63		
3	16QAM	15	0	20.48	20.59	20.54		
3	64QAM	1	0	20.75	20.62	20.62	22	2
3	64QAM	1	8	20.68	20.70	20.75		
3	64QAM	1	14	20.66	20.65	20.64		
3	64QAM	8	0	19.68	19.62	19.69	21	3
3	64QAM	8	4	19.63	19.66	19.66		
3	64QAM	8	7	19.60	19.62	19.65		
3	64QAM	15	0	19.59	19.60	19.62		
3	256QAM	1	0	18.10	18.13	18.05	19	5
3	256QAM	1	8	18.16	18.16	18.04		
3	256QAM	1	14	18.13	18.10	18.04		
3	256QAM	8	0	17.42	17.44	17.51	19	5
3	256QAM	8	4	17.57	17.48	17.58		
3	256QAM	8	7	17.62	17.49	17.55		
3	256QAM	15	0	17.67	17.63	17.71		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.55	22.43	22.50	24	0
1.4	QPSK	1	3	22.63	22.54	22.54		
1.4	QPSK	1	5	22.65	22.57	22.62		
1.4	QPSK	3	0	22.53	22.65	22.55		
1.4	QPSK	3	1	22.61	22.57	22.60		
1.4	QPSK	3	3	22.54	22.61	22.62		
1.4	QPSK	6	0	21.52	21.52	21.53	23	1
1.4	16QAM	1	0	21.85	21.83	21.82	23	1
1.4	16QAM	1	3	21.79	21.92	21.86		
1.4	16QAM	1	5	21.88	21.91	21.79		
1.4	16QAM	3	0	21.79	21.84	21.84		
1.4	16QAM	3	1	21.75	21.70	21.70		
1.4	16QAM	3	3	21.82	21.82	21.79		
1.4	16QAM	6	0	20.75	20.72	20.65	22	2
1.4	64QAM	1	0	20.82	20.79	20.86	22	2
1.4	64QAM	1	3	20.86	20.77	20.78		
1.4	64QAM	1	5	20.90	20.82	20.83		
1.4	64QAM	3	0	20.73	20.79	20.74		
1.4	64QAM	3	1	20.76	20.79	20.71		
1.4	64QAM	3	3	20.78	20.73	20.74		
1.4	64QAM	6	0	1.70	1.67	1.68	21	3
1.4	256QAM	1	0	18.33	18.24	18.26	19	5
1.4	256QAM	1	3	18.36	18.40	18.35		
1.4	256QAM	1	5	18.26	18.27	18.24		
1.4	256QAM	3	0	17.75	17.74	17.66		
1.4	256QAM	3	1	17.68	17.68	17.60		
1.4	256QAM	3	3	17.65	17.72	17.73		
1.4	256QAM	6	0	17.39	17.34	17.32	19	5

Band 7_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.12	23.13	23.09	24	0
20	QPSK	1	49	23.07	23.09	23.02		
20	QPSK	1	99	23.05	23.05	23.07		
20	QPSK	50	0	22.22	22.24	22.20	23	1
20	QPSK	50	24	22.17	22.19	22.14		
20	QPSK	50	50	22.20	22.21	22.18		
20	QPSK	100	0	22.23	22.24	22.13		
20	16QAM	1	0	22.12	22.19	22.01	23	1
20	16QAM	1	49	22.16	22.19	22.15		
20	16QAM	1	99	22.21	22.19	22.12		
20	16QAM	50	0	20.92	20.99	20.91	22	2
20	16QAM	50	24	21.03	20.99	20.91		
20	16QAM	50	50	20.99	21.03	20.96		
20	16QAM	100	0	21.02	21.00	20.90		
20	64QAM	1	0	20.99	21.08	20.95	22	2
20	64QAM	1	49	21.11	21.09	21.00		
20	64QAM	1	99	21.03	21.15	21.09		
20	64QAM	50	0	19.95	19.99	19.95	21	3
20	64QAM	50	24	20.04	20.03	19.95		
20	64QAM	50	50	20.01	20.04	19.99		
20	64QAM	100	0	20.04	20.00	19.91		
20	256QAM	1	0	17.58	17.69	17.58	19	5
20	256QAM	1	49	17.53	17.65	17.59		
20	256QAM	1	99	17.69	17.72	17.67		
20	256QAM	50	0	17.56	17.59	17.56	19	5
20	256QAM	50	24	17.50	17.61	17.52		
20	256QAM	50	50	17.65	17.66	17.58		
20	256QAM	100	0	17.57	17.60	17.50		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	22.79	22.82	22.75	24	0
15	QPSK	1	37	22.85	22.85	22.80		
15	QPSK	1	74	22.85	22.92	22.80		
15	QPSK	36	0	21.98	21.96	21.90	23	1
15	QPSK	36	20	21.99	22.00	21.91		
15	QPSK	36	39	21.98	22.04	21.94		
15	QPSK	75	0	22.04	21.98	21.90		
15	16QAM	1	0	22.13	22.11	22.05	23	1
15	16QAM	1	37	22.17	22.17	22.12		
15	16QAM	1	74	22.17	22.25	22.17		
15	16QAM	36	0	20.99	20.94	20.90	22	2
15	16QAM	36	20	21.03	20.98	20.91		
15	16QAM	36	39	21.01	21.02	20.94		
15	16QAM	75	0	21.02	20.99	20.91		
15	64QAM	1	0	21.00	21.03	20.93	22	2
15	64QAM	1	37	21.32	21.16	21.08		
15	64QAM	1	74	21.03	21.08	21.03		
15	64QAM	36	0	20.00	19.98	19.95	21	3
15	64QAM	36	20	20.05	20.01	19.97		
15	64QAM	36	39	20.06	20.09	20.01		
15	64QAM	75	0	20.03	19.99	19.93		
15	256QAM	1	0	17.48	17.66	17.52	19	5
15	256QAM	1	37	17.41	17.60	17.48		
15	256QAM	1	74	17.66	17.68	17.62		
15	256QAM	36	0	17.47	17.47	17.45	19	5
15	256QAM	36	20	17.49	17.49	17.42		
15	256QAM	36	39	17.63	17.61	17.49		
15	256QAM	75	0	17.51	17.52	17.39		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	22.96	23.09	23.00	24	0
10	QPSK	1	25	22.98	23.07	23.05		
10	QPSK	1	49	23.04	23.09	23.05		
10	QPSK	25	0	22.13	22.10	22.08	23	1
10	QPSK	25	12	22.16	22.11	22.07		
10	QPSK	25	25	22.12	22.19	22.13		
10	QPSK	50	0	22.12	22.11	21.99		
10	16QAM	1	0	22.33	22.33	22.34	23	1
10	16QAM	1	25	22.42	22.43	22.38		
10	16QAM	1	49	22.43	22.47	22.42		
10	16QAM	25	0	21.15	21.13	21.03	22	2
10	16QAM	25	12	21.19	21.15	21.08		
10	16QAM	25	25	21.17	21.20	21.09		
10	16QAM	50	0	21.16	21.13	21.07		
10	64QAM	1	0	21.26	21.23	21.12	22	2
10	64QAM	1	25	21.29	21.30	21.28		
10	64QAM	1	49	21.35	21.32	21.26		
10	64QAM	25	0	20.20	20.16	20.11	21	3
10	64QAM	25	12	20.21	20.17	20.11		
10	64QAM	25	25	20.17	20.24	20.18		
10	64QAM	50	0	20.18	20.14	20.10		
10	256QAM	1	0	17.56	17.59	17.55	19	5
10	256QAM	1	25	17.50	17.61	17.52		
10	256QAM	1	49	17.66	17.66	17.61		
10	256QAM	25	0	17.47	17.52	17.48	19	5
10	256QAM	25	12	17.40	17.50	17.42		
10	256QAM	25	25	17.56	17.54	17.46		
10	256QAM	50	0	17.51	17.58	17.39		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	23.07	23.01	22.98	24	0
5	QPSK	1	12	23.12	23.11	23.02		
5	QPSK	1	24	23.09	23.11	23.05		
5	QPSK	12	0	22.10	22.01	22.01	23	1
5	QPSK	12	7	22.18	22.16	22.17		
5	QPSK	12	13	22.18	22.21	22.17		
5	QPSK	25	0	22.14	22.06	22.08		
5	16QAM	1	0	22.42	22.33	22.33	23	1
5	16QAM	1	12	22.53	22.55	22.35		
5	16QAM	1	24	22.50	22.49	22.36		
5	16QAM	12	0	21.14	21.06	21.07	22	2
5	16QAM	12	7	21.24	21.17	21.15		
5	16QAM	12	13	21.21	21.23	21.17		
5	16QAM	25	0	21.15	21.08	21.11		
5	64QAM	1	0	21.32	21.30	21.25	22	2
5	64QAM	1	12	21.48	21.25	21.21		
5	64QAM	1	24	21.39	21.33	21.23		
5	64QAM	12	0	20.12	20.05	20.06	21	3
5	64QAM	12	7	20.26	20.18	20.17		
5	64QAM	12	13	20.23	20.25	20.17		
5	64QAM	25	0	20.15	20.09	20.10		
5	256QAM	1	0	17.55	17.66	17.49	19	5
5	256QAM	1	12	17.43	17.62	17.47		
5	256QAM	1	24	17.59	17.64	17.64		
5	256QAM	12	0	17.48	17.58	17.48	19	5
5	256QAM	12	7	17.43	17.55	17.48		
5	256QAM	12	13	17.54	17.65	17.57		
5	256QAM	25	0	17.46	17.56	17.42		

Band 7_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.63	22.75	22.68	24	0
20	QPSK	1	49	22.61	22.69	22.61		
20	QPSK	1	99	22.62	22.67	22.63		
20	QPSK	50	0	21.66	21.73	21.70	23	1
20	QPSK	50	24	21.57	21.65	21.63		
20	QPSK	50	50	21.58	21.68	21.69		
20	QPSK	100	0	21.61	21.70	21.63		
20	16QAM	1	0	21.62	21.73	21.65	23	1
20	16QAM	1	49	21.56	21.68	21.59		
20	16QAM	1	99	21.55	21.70	21.63		
20	16QAM	50	0	20.56	20.74	20.62	22	2
20	16QAM	50	24	20.59	20.67	20.60		
20	16QAM	50	50	20.59	20.70	20.64		
20	16QAM	100	0	20.57	20.69	20.62		
20	64QAM	1	0	20.54	20.69	20.59	22	2
20	64QAM	1	49	20.54	20.71	20.64		
20	64QAM	1	99	20.57	20.68	20.66		
20	64QAM	50	0	19.60	19.74	19.62	21	3
20	64QAM	50	24	19.55	19.72	19.62		
20	64QAM	50	50	19.56	19.67	19.60		
20	64QAM	100	0	19.59	19.69	19.64		
20	256QAM	1	0	17.60	17.70	17.59	19	5
20	256QAM	1	49	17.54	17.73	17.64		
20	256QAM	1	99	17.54	17.66	17.67		
20	256QAM	50	0	17.58	17.69	17.64	19	5
20	256QAM	50	24	17.55	17.68	17.61		
20	256QAM	50	50	17.55	17.74	17.61		
20	256QAM	100	0	17.57	17.74	17.59		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	22.68	22.65	22.65	24	0
15	QPSK	1	37	22.61	22.64	22.64		
15	QPSK	1	74	22.64	22.55	22.65		
15	QPSK	36	0	21.68	21.71	21.69	23	1
15	QPSK	36	20	21.61	21.60	21.52		
15	QPSK	36	39	21.59	21.58	21.67		
15	QPSK	75	0	21.68	21.61	21.63		
15	16QAM	1	0	21.66	21.67	21.60	23	1
15	16QAM	1	37	21.63	21.65	21.65		
15	16QAM	1	74	21.66	21.65	21.59		
15	16QAM	36	0	20.66	20.61	20.73	22	2
15	16QAM	36	20	20.62	20.65	20.58		
15	16QAM	36	39	20.67	20.62	20.68		
15	16QAM	75	0	20.68	20.68	20.62		
15	64QAM	1	0	20.56	20.64	20.65	22	2
15	64QAM	1	37	20.63	20.57	20.67		
15	64QAM	1	74	20.55	20.57	20.59		
15	64QAM	36	0	19.64	19.67	19.66	21	3
15	64QAM	36	20	19.68	19.64	19.67		
15	64QAM	36	39	19.61	19.61	19.65		
15	64QAM	75	0	19.60	19.63	19.64		
15	256QAM	1	0	17.59	17.69	17.55	19	5
15	256QAM	1	37	17.64	17.53	17.55		
15	256QAM	1	74	17.62	17.49	17.53		
15	256QAM	36	0	17.65	17.68	17.56	19	5
15	256QAM	36	20	17.61	17.53	17.64		
15	256QAM	36	39	17.71	17.62	17.58		
15	256QAM	75	0	17.65	17.62	17.54		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	22.72	22.66	22.67	24	0
10	QPSK	1	25	22.62	22.58	22.60		
10	QPSK	1	49	22.65	22.58	22.62		
10	QPSK	25	0	21.67	21.71	21.70	23	1
10	QPSK	25	12	21.52	21.53	21.62		
10	QPSK	25	25	21.66	21.59	21.66		
10	QPSK	50	0	21.61	21.61	21.58		
10	16QAM	1	0	21.69	21.63	21.68	23	1
10	16QAM	1	25	21.60	21.60	21.67		
10	16QAM	1	49	21.68	21.61	21.66		
10	16QAM	25	0	20.68	20.70	20.68	22	2
10	16QAM	25	12	20.61	20.57	20.54		
10	16QAM	25	25	20.57	20.66	20.67		
10	16QAM	50	0	20.68	20.62	20.56		
10	64QAM	1	0	20.60	20.64	20.62	22	2
10	64QAM	1	25	20.63	20.56	20.70		
10	64QAM	1	49	20.66	20.55	20.67		
10	64QAM	25	0	19.67	19.72	19.71	21	3
10	64QAM	25	12	19.62	19.62	19.70		
10	64QAM	25	25	19.66	19.59	19.58		
10	64QAM	50	0	19.66	19.65	19.64		
10	256QAM	1	0	17.53	17.60	17.50	19	5
10	256QAM	1	25	17.60	17.67	17.69		
10	256QAM	1	49	17.55	17.52	17.53		
10	256QAM	25	0	17.68	17.54	17.66	19	5
10	256QAM	25	12	17.65	17.48	17.49		
10	256QAM	25	25	17.67	17.65	17.73		
10	256QAM	50	0	17.65	17.63	17.65		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	22.73	22.62	22.70	24	0
5	QPSK	1	12	22.64	22.59	22.57		
5	QPSK	1	24	22.60	22.62	22.66		
5	QPSK	12	0	21.70	21.71	21.71	23	1
5	QPSK	12	7	21.62	21.63	21.62		
5	QPSK	12	13	21.65	21.60	21.56		
5	QPSK	25	0	21.62	21.63	21.63		
5	16QAM	1	0	21.66	21.64	21.66	23	1
5	16QAM	1	12	21.62	21.60	21.66		
5	16QAM	1	24	21.57	21.59	21.66		
5	16QAM	12	0	20.68	20.72	20.73	22	2
5	16QAM	12	7	20.61	20.64	20.64		
5	16QAM	12	13	20.69	20.66	20.69		
5	16QAM	25	0	20.66	20.64	20.56		
5	64QAM	1	0	20.62	20.65	20.64	22	2
5	64QAM	1	12	20.65	20.69	20.64		
5	64QAM	1	24	20.56	20.62	20.63		
5	64QAM	12	0	19.69	19.69	19.68	21	3
5	64QAM	12	7	19.67	19.70	19.67		
5	64QAM	12	13	19.64	19.66	19.66		
5	64QAM	25	0	19.61	19.61	19.66		
5	256QAM	1	0	17.57	17.54	17.53	19	5
5	256QAM	1	12	17.53	17.63	17.55		
5	256QAM	1	24	17.63	17.60	17.60		
5	256QAM	12	0	17.50	17.68	17.56	19	5
5	256QAM	12	7	17.63	17.65	17.51		
5	256QAM	12	13	17.65	17.60	17.65		
5	256QAM	25	0	17.60	17.55	17.69		

Band 12_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.09	23.14	23.12	24	0
10	QPSK	1	25	23.06	23.05	23.05		
10	QPSK	1	49	23.06	23.06	23.10		
10	QPSK	25	0	22.16	22.19	22.17	23	1
10	QPSK	25	12	22.12	22.10	22.10		
10	QPSK	25	25	22.15	22.18	22.15		
10	QPSK	50	0	22.11	22.18	22.07		
10	16QAM	1	0	22.28	22.40	22.39	23	1
10	16QAM	1	25	22.38	22.39	22.35		
10	16QAM	1	49	22.42	22.46	22.42		
10	16QAM	25	0	21.14	21.08	21.11	22	2
10	16QAM	25	12	21.15	21.21	21.14		
10	16QAM	25	25	21.19	21.19	21.15		
10	16QAM	50	0	21.10	21.20	21.10		
10	64QAM	1	0	21.21	21.29	21.23	22	2
10	64QAM	1	25	21.25	21.26	21.23		
10	64QAM	1	49	21.29	21.40	21.29		
10	64QAM	25	0	20.16	20.12	20.15	21	3
10	64QAM	25	12	20.18	20.20	20.13		
10	64QAM	25	25	20.25	20.22	20.21		
10	64QAM	50	0	20.15	20.22	20.10		
10	256QAM	1	0	17.98	18.09	18.04	19	5
10	256QAM	1	25	17.97	18.07	18.03		
10	256QAM	1	49	18.05	18.14	18.02		
10	256QAM	25	0	17.98	18.01	17.99	19	5
10	256QAM	25	12	17.90	18.02	17.95		
10	256QAM	25	25	17.98	18.06	18.05		
10	256QAM	50	0	17.91	17.98	17.97		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.03	23.04	24	0
5	QPSK	1	12	23.05	23.06	23.10		
5	QPSK	1	24	23.03	23.08	23.08		
5	QPSK	12	0	22.10	22.06	22.01	23	1
5	QPSK	12	7	22.13	22.09	22.03		
5	QPSK	12	13	22.09	22.12	22.05		
5	QPSK	25	0	22.13	22.06	22.00		
5	16QAM	1	0	22.33	22.37	22.39	23	1
5	16QAM	1	12	22.33	22.32	22.44		
5	16QAM	1	24	22.39	22.45	22.32		
5	16QAM	12	0	21.17	21.10	21.05	22	2
5	16QAM	12	7	21.19	21.11	21.07		
5	16QAM	12	13	21.10	21.15	21.09		
5	16QAM	25	0	21.12	21.04	21.03		
5	64QAM	1	0	21.15	21.17	21.19	22	2
5	64QAM	1	12	21.22	21.22	21.17		
5	64QAM	1	24	21.24	21.26	21.21		
5	64QAM	12	0	20.15	20.13	20.03	21	3
5	64QAM	12	7	20.20	20.12	20.08		
5	64QAM	12	13	20.10	20.15	20.09		
5	64QAM	25	0	20.09	20.07	20.03		
5	256QAM	1	0	17.97	18.07	17.99	19	5
5	256QAM	1	12	17.92	18.01	17.94		
5	256QAM	1	24	18.01	18.07	18.00		
5	256QAM	12	0	17.89	17.89	17.93	19	5
5	256QAM	12	7	17.80	17.95	17.91		
5	256QAM	12	13	17.92	18.01	18.01		
5	256QAM	25	0	17.86	17.97	17.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.04	22.99	24	0
3	QPSK	1	8	23.08	23.06	23.10		
3	QPSK	1	14	22.96	23.01	22.98		
3	QPSK	8	0	22.12	22.04	21.99	23	1
3	QPSK	8	4	22.12	22.05	22.10		
3	QPSK	8	7	22.07	22.07	21.99		
3	QPSK	15	0	22.08	22.03	21.95		
3	16QAM	1	0	22.34	22.40	22.31	23	1
3	16QAM	1	8	22.49	22.43	22.43		
3	16QAM	1	14	22.27	22.34	22.32		
3	16QAM	8	0	21.14	21.07	21.03	22	2
3	16QAM	8	4	21.19	21.08	21.16		
3	16QAM	8	7	21.09	21.13	21.04		
3	16QAM	15	0	21.12	21.04	21.02		
3	64QAM	1	0	21.34	21.20	21.12	22	2
3	64QAM	1	8	21.34	21.36	21.26		
3	64QAM	1	14	21.17	21.25	21.22		
3	64QAM	8	0	20.20	20.13	20.04	21	3
3	64QAM	8	4	20.19	20.11	20.13		
3	64QAM	8	7	20.15	20.12	20.06		
3	64QAM	15	0	20.11	20.08	20.04		
3	256QAM	1	0	17.88	17.97	17.95	19	5
3	256QAM	1	8	17.88	18.00	17.94		
3	256QAM	1	14	17.99	18.10	17.91		
3	256QAM	8	0	17.96	17.97	17.91	19	5
3	256QAM	8	4	17.81	17.96	17.91		
3	256QAM	8	7	17.93	18.01	17.99		
3	256QAM	15	0	17.83	17.87	17.85		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	23.02	22.90	24	0
1.4	QPSK	1	3	23.06	23.06	23.01		
1.4	QPSK	1	5	22.92	23.00	22.97		
1.4	QPSK	3	0	22.99	22.94	22.86		
1.4	QPSK	3	1	22.94	23.00	22.92		
1.4	QPSK	3	3	22.80	22.93	22.92		
1.4	QPSK	6	0	21.97	21.95	21.87	23	1
1.4	16QAM	1	0	22.29	22.39	22.21	23	1
1.4	16QAM	1	3	22.48	22.33	22.33		
1.4	16QAM	1	5	22.15	22.23	22.29		
1.4	16QAM	3	0	22.23	22.33	22.17		
1.4	16QAM	3	1	22.41	22.23	22.28		
1.4	16QAM	3	3	22.06	22.17	22.27		
1.4	16QAM	6	0	21.03	20.96	20.95	22	2
1.4	64QAM	1	0	21.25	21.17	21.11	22	2
1.4	64QAM	1	3	21.33	21.28	21.21		
1.4	64QAM	1	5	21.10	21.20	21.12		
1.4	64QAM	3	0	21.21	21.11	21.01		
1.4	64QAM	3	1	21.31	21.18	21.16		
1.4	64QAM	3	3	20.98	21.16	21.10		
1.4	64QAM	6	0	20.10	20.03	20.00	21	3
1.4	256QAM	1	0	17.86	17.92	17.88	19	5
1.4	256QAM	1	3	17.79	17.91	17.93		
1.4	256QAM	1	5	17.89	17.98	17.85		
1.4	256QAM	3	0	17.91	17.92	17.84		
1.4	256QAM	3	1	17.70	17.85	17.90		
1.4	256QAM	3	3	17.88	17.95	17.92		
1.4	256QAM	6	0	17.74	17.85	17.75	19	5

Band 12_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.73	22.92	22.74	24	0
10	QPSK	1	25	22.69	22.68	22.68		
10	QPSK	1	49	22.71	22.71	22.73		
10	QPSK	25	0	21.79	21.81	21.75	23	1
10	QPSK	25	12	21.77	21.72	21.70		
10	QPSK	25	25	21.77	21.73	21.73		
10	QPSK	50	0	21.75	21.76	21.70		
10	16QAM	1	0	22.00	21.96	21.96	23	1
10	16QAM	1	25	22.01	22.08	22.04		
10	16QAM	1	49	22.10	22.06	22.04		
10	16QAM	25	0	20.71	20.71	20.75	22	2
10	16QAM	25	12	20.80	20.74	20.75		
10	16QAM	25	25	20.79	20.81	20.80		
10	16QAM	50	0	20.79	20.70	20.69		
10	64QAM	1	0	20.89	20.78	20.83	22	2
10	64QAM	1	25	20.89	20.94	20.91		
10	64QAM	1	49	20.95	21.01	20.91		
10	64QAM	25	0	19.73	19.75	19.73	21	3
10	64QAM	25	12	19.82	19.76	19.76		
10	64QAM	25	25	19.81	19.85	19.85		
10	64QAM	50	0	19.80	19.71	19.69		
10	256QAM	1	0	17.47	17.49	17.49	19	5
10	256QAM	1	25	17.57	17.60	17.68		
10	256QAM	1	49	17.48	17.43	17.44		
10	256QAM	25	0	17.53	17.50	17.51	19	5
10	256QAM	25	12	17.53	17.45	17.44		
10	256QAM	25	25	17.51	17.54	17.54		
10	256QAM	50	0	17.64	17.56	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.62	22.60	22.64	24	0
5	QPSK	1	12	22.59	22.70	22.73		
5	QPSK	1	24	22.68	22.70	22.69		
5	QPSK	12	0	21.75	21.68	21.62	23	1
5	QPSK	12	7	21.74	21.73	21.65		
5	QPSK	12	13	21.72	21.73	21.70		
5	QPSK	25	0	21.71	21.65	21.61		
5	16QAM	1	0	21.93	21.99	22.01	23	1
5	16QAM	1	12	22.07	21.98	22.00		
5	16QAM	1	24	22.06	22.02	22.00		
5	16QAM	12	0	20.78	20.71	20.67	22	2
5	16QAM	12	7	20.76	20.69	20.66		
5	16QAM	12	13	20.74	20.77	20.72		
5	16QAM	25	0	20.72	20.70	20.67		
5	64QAM	1	0	20.77	20.84	20.83	22	2
5	64QAM	1	12	20.81	20.82	20.83		
5	64QAM	1	24	20.89	20.90	20.83		
5	64QAM	12	0	19.80	19.73	19.71	21	3
5	64QAM	12	7	19.79	19.74	19.75		
5	64QAM	12	13	19.71	19.73	19.74		
5	64QAM	25	0	19.75	19.74	19.66		
5	256QAM	1	0	17.39	17.49	17.46	19	5
5	256QAM	1	12	17.56	17.63	17.66		
5	256QAM	1	24	17.53	17.46	17.43		
5	256QAM	12	0	17.58	17.56	17.54	19	5
5	256QAM	12	7	17.57	17.51	17.55		
5	256QAM	12	13	17.57	17.62	17.54		
5	256QAM	25	0	17.56	17.55	17.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.54	22.52	22.50	24	0
3	QPSK	1	8	22.68	22.68	22.67		
3	QPSK	1	14	22.54	22.56	22.54		
3	QPSK	8	0	21.61	21.56	21.49	23	1
3	QPSK	8	4	21.64	21.53	21.54		
3	QPSK	8	7	21.64	21.59	21.64		
3	QPSK	15	0	21.50	21.58	21.60		
3	16QAM	1	0	21.92	21.95	21.92	23	1
3	16QAM	1	8	21.99	21.92	21.94		
3	16QAM	1	14	21.99	21.99	21.98		
3	16QAM	8	0	20.66	20.52	20.66	22	2
3	16QAM	8	4	20.59	20.53	20.61		
3	16QAM	8	7	20.70	20.65	20.67		
3	16QAM	15	0	20.57	20.66	20.63		
3	64QAM	1	0	20.68	20.80	20.77	22	2
3	64QAM	1	8	20.69	20.74	20.74		
3	64QAM	1	14	20.71	20.69	20.78		
3	64QAM	8	0	19.62	19.62	19.62	21	3
3	64QAM	8	4	19.65	19.73	19.66		
3	64QAM	8	7	19.66	19.71	19.71		
3	64QAM	15	0	19.56	19.61	19.57		
3	256QAM	1	0	17.26	17.33	17.36	19	5
3	256QAM	1	8	17.55	17.65	17.51		
3	256QAM	1	14	17.34	17.34	17.35		
3	256QAM	8	0	17.49	17.35	17.52	19	5
3	256QAM	8	4	17.37	17.41	17.36		
3	256QAM	8	7	17.43	17.43	17.38		
3	256QAM	15	0	17.54	17.42	17.54		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.52	22.44	22.49	24	0
1.4	QPSK	1	3	22.42	22.45	22.45		
1.4	QPSK	1	5	22.43	22.46	22.43		
1.4	QPSK	3	0	22.53	22.52	22.51		
1.4	QPSK	3	1	22.52	22.52	22.57		
1.4	QPSK	3	3	22.54	22.52	22.54		
1.4	QPSK	6	0	21.65	21.56	21.56	23	1
1.4	16QAM	1	0	21.79	21.73	21.82	23	1
1.4	16QAM	1	3	21.85	21.81	21.73		
1.4	16QAM	1	5	21.75	21.83	21.85		
1.4	16QAM	3	0	21.80	21.75	21.69		
1.4	16QAM	3	1	21.79	21.68	21.81		
1.4	16QAM	3	3	21.80	21.68	21.80		
1.4	16QAM	6	0	20.61	20.62	20.73	22	2
1.4	64QAM	1	0	20.86	20.83	20.83	22	2
1.4	64QAM	1	3	20.86	20.87	20.87		
1.4	64QAM	1	5	20.87	20.75	20.75		
1.4	64QAM	3	0	20.63	20.63	20.66		
1.4	64QAM	3	1	20.66	20.70	20.67		
1.4	64QAM	3	3	20.67	20.65	20.64		
1.4	64QAM	6	0	19.56	19.59	19.60	21	3
1.4	256QAM	1	0	17.67	17.54	17.53	19	5
1.4	256QAM	1	3	17.62	17.55	17.71		
1.4	256QAM	1	5	17.52	17.63	17.56		
1.4	256QAM	3	0	17.64	17.72	17.65		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.62	17.76	17.65		
1.4	256QAM	6	0	17.78	17.66	17.68	19	5

Band 13_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.98			
10	QPSK	1	49		23.00			
10	QPSK	25	0		22.11		23	1
10	QPSK	25	12		22.01			
10	QPSK	25	25		22.08			
10	QPSK	50	0		22.07			
10	16QAM	1	0		22.35		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.35			
10	16QAM	25	0		21.06		22	2
10	16QAM	25	12		21.04			
10	16QAM	25	25		21.07			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.14		22	2
10	64QAM	1	25		21.21			
10	64QAM	1	49		21.25			
10	64QAM	25	0		20.08		21	3
10	64QAM	25	12		20.09			
10	64QAM	25	25		20.11			
10	64QAM	50	0		20.11			
10	256QAM	1	0		17.95		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		17.92			
10	256QAM	25	0		17.93		19	5
10	256QAM	25	12		17.90			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.89			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.97	22.96	22.96	24	0
5	QPSK	1	12	23.03	22.99	22.97		
5	QPSK	1	24	22.92	22.96	22.97		
5	QPSK	12	0	21.92	21.98	21.96	23	1
5	QPSK	12	7	22.05	22.02	22.02		
5	QPSK	12	13	22.02	22.04	22.05		
5	QPSK	25	0	22.11	21.97	21.97		
5	16QAM	1	0	22.24	22.34	22.31	23	1
5	16QAM	1	12	22.24	22.30	22.33		
5	16QAM	1	24	22.32	22.31	22.25		
5	16QAM	12	0	21.02	20.99	20.99	22	2
5	16QAM	12	7	21.10	21.05	21.03		
5	16QAM	12	13	21.08	21.09	21.08		
5	16QAM	25	0	21.10	21.03	20.98		
5	64QAM	1	0	21.11	21.20	21.21	22	2
5	64QAM	1	12	21.19	21.17	21.18		
5	64QAM	1	24	21.23	21.19	21.21		
5	64QAM	12	0	20.02	20.01	20.01	21	3
5	64QAM	12	7	20.13	20.08	20.10		
5	64QAM	12	13	20.06	20.10	20.08		
5	64QAM	25	0	20.06	20.00	20.01		
5	256QAM	1	0	17.92	17.97	17.91	19	5
5	256QAM	1	12	17.94	17.98	17.99		
5	256QAM	1	24	18.00	17.90	17.99		
5	256QAM	12	0	17.89	17.92	17.98	19	5
5	256QAM	12	7	18.06	17.96	18.04		
5	256QAM	12	13	18.02	17.97	18.03		
5	256QAM	25	0	18.04	17.98	17.94		

Band 13_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.33		24	0
10	QPSK	1	25		23.31			
10	QPSK	1	49		23.32			
10	QPSK	25	0		21.74		23	1
10	QPSK	25	12		21.67			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.91		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.43			
10	16QAM	25	0		20.82		22	2
10	16QAM	25	12		20.83			
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.69			
10	64QAM	1	0		20.83		22	2
10	64QAM	1	25		20.98			
10	64QAM	1	49		21.07			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.72			
10	64QAM	25	25		19.82			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.82		19	5
10	256QAM	1	25		18.72			
10	256QAM	1	49		18.82			
10	256QAM	25	0		18.82		19	5
10	256QAM	25	12		18.72			
10	256QAM	25	25		18.82			
10	256QAM	50	0		18.81			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.46	23.57	23.52	24	0
5	QPSK	1	12	23.40	23.79	23.53		
5	QPSK	1	24	23.39	23.39	23.28		
5	QPSK	12	0	21.75	21.60	21.70	23	1
5	QPSK	12	7	21.85	21.68	21.80		
5	QPSK	12	13	21.76	21.68	21.73		
5	QPSK	25	0	21.88	21.65	21.70		
5	16QAM	1	0	22.28	21.68	22.40	23	1
5	16QAM	1	12	21.94	21.62	22.16		
5	16QAM	1	24	21.94	21.78	22.35		
5	16QAM	12	0	20.76	20.77	20.70	22	2
5	16QAM	12	7	20.84	20.86	20.83		
5	16QAM	12	13	20.86	20.85	20.78		
5	16QAM	25	0	20.83	20.67	20.80		
5	64QAM	1	0	21.13	21.08	21.12	22	2
5	64QAM	1	12	21.06	21.03	21.00		
5	64QAM	1	24	20.99	21.16	20.96		
5	64QAM	12	0	19.75	19.86	19.61	21	3
5	64QAM	12	7	19.72	19.75	19.84		
5	64QAM	12	13	19.75	19.95	19.79		
5	64QAM	25	0	19.90	19.81	19.82		
5	256QAM	1	0	18.79	18.81	18.76	19	5
5	256QAM	1	12	18.63	18.68	18.61		
5	256QAM	1	24	18.72	18.74	18.76		
5	256QAM	12	0	18.79	18.72	18.72	19	5
5	256QAM	12	7	18.69	18.62	18.64		
5	256QAM	12	13	18.72	18.72	18.70		
5	256QAM	25	0	18.71	18.79	18.80		

Band 14_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.99		24	0
10	QPSK	1	25		22.96			
10	QPSK	1	49		22.91			
10	QPSK	25	0		22.10		23	1
10	QPSK	25	12		22.04			
10	QPSK	25	25		22.02			
10	QPSK	50	0		22.02			
10	16QAM	1	0		22.27		23	1
10	16QAM	1	25		22.32			
10	16QAM	1	49		22.32			
10	16QAM	25	0		21.03		22	2
10	16QAM	25	12		21.07			
10	16QAM	25	25		21.13			
10	16QAM	50	0		21.03			
10	64QAM	1	0		21.14		22	2
10	64QAM	1	25		21.12			
10	64QAM	1	49		21.14			
10	64QAM	25	0		20.08		21	3
10	64QAM	25	12		20.10			
10	64QAM	25	25		20.17			
10	64QAM	50	0		20.07			
10	256QAM	1	0		17.92		19	5
10	256QAM	1	25		17.91			
10	256QAM	1	49		17.99			
10	256QAM	25	0		17.98		19	5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.11			
10	256QAM	50	0		17.97			
Channel				23305	23330	23355	Tune-up limit	MPR
Frequency (MHz)				790.5	793	795.5	(dBm)	(dB)
5	QPSK	1	0	22.89	22.90	22.89	24	0
5	QPSK	1	12	22.95	22.97	22.96		
5	QPSK	1	24	22.93	22.98	22.94		
5	QPSK	12	0	21.93	21.95	21.93	23	1
5	QPSK	12	7	22.10	22.11	22.01		
5	QPSK	12	13	22.10	22.11	22.07		
5	QPSK	25	0	22.07	21.97	21.93		
5	16QAM	1	0	22.29	22.23	22.24	23	1
5	16QAM	1	12	22.31	22.27	22.29		
5	16QAM	1	24	22.31	22.26	22.30		
5	16QAM	12	0	20.97	20.97	20.93	22	2
5	16QAM	12	7	21.13	21.08	21.05		
5	16QAM	12	13	21.15	21.12	21.11		
5	16QAM	25	0	21.08	20.98	20.97		
5	64QAM	1	0	21.10	21.12	21.12	22	2
5	64QAM	1	12	21.17	21.14	21.17		
5	64QAM	1	24	21.26	21.20	21.17		
5	64QAM	12	0	20.02	20.01	19.98	21	3
5	64QAM	12	7	20.18	20.17	20.07		
5	64QAM	12	13	20.16	20.11	20.11		
5	64QAM	25	0	20.09	19.98	20.00		
5	256QAM	1	0	17.99	18.01	18.01	19	5
5	256QAM	1	12	18.05	17.91	17.96		
5	256QAM	1	24	18.10	17.96	18.14		
5	256QAM	12	0	17.98	17.99	17.96	19	5
5	256QAM	12	7	17.99	17.89	17.99		
5	256QAM	12	13	18.08	18.12	18.07		
5	256QAM	25	0	17.96	17.98	18.00		

Band 14_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.70			
10	QPSK	1	49		22.66			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.78			
10	QPSK	25	25		21.81			
10	QPSK	50	0		21.71			
10	16QAM	1	0		22.02		23	1
10	16QAM	1	25		21.98			
10	16QAM	1	49		22.04			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.85			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.80		22	2
10	64QAM	1	25		20.86			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.78		21	3
10	64QAM	25	12		19.82			
10	64QAM	25	25		19.88			
10	64QAM	50	0		19.79			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.90			
10	256QAM	25	0		17.86		19	5
10	256QAM	25	12		17.87			
10	256QAM	25	25		17.78			
10	256QAM	50	0		17.76			
Channel				23305	23330	23355	Tune-up limit	MPR
Frequency (MHz)				790.5	793	795.5	(dBm)	(dB)
5	QPSK	1	0	22.69	22.66	22.63	24	0
5	QPSK	1	12	22.67	22.70	22.64		
5	QPSK	1	24	22.68	22.67	22.66		
5	QPSK	12	0	21.70	21.65	21.66	23	1
5	QPSK	12	7	21.84	21.84	21.76		
5	QPSK	12	13	21.83	21.83	21.79		
5	QPSK	25	0	21.79	21.70	21.69		
5	16QAM	1	0	22.04	21.90	21.98	23	1
5	16QAM	1	12	22.05	22.00	21.97		
5	16QAM	1	24	21.98	22.05	21.95		
5	16QAM	12	0	20.70	20.66	20.69	22	2
5	16QAM	12	7	20.84	20.80	20.73		
5	16QAM	12	13	20.87	20.83	20.83		
5	16QAM	25	0	20.81	20.69	20.72		
5	64QAM	1	0	20.82	20.81	20.84	22	2
5	64QAM	1	12	20.86	20.88	20.85		
5	64QAM	1	24	20.96	20.91	20.93		
5	64QAM	12	0	19.71	19.68	19.71	21	3
5	64QAM	12	7	19.91	19.88	19.75		
5	64QAM	12	13	19.87	19.84	19.86		
5	64QAM	25	0	19.85	19.72	19.74		
5	256QAM	1	0	17.76	17.83	17.76	19	5
5	256QAM	1	12	17.83	17.80	17.77		
5	256QAM	1	24	17.79	17.81	17.88		
5	256QAM	12	0	17.90	17.76	17.88	19	5
5	256QAM	12	7	17.79	17.85	17.84		
5	256QAM	12	13	17.78	17.77	17.80		
5	256QAM	25	0	17.76	17.89	17.89		

Band 17_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.95	23.18	22.96	24	0
10	QPSK	1	25	22.94	22.95	22.92		
10	QPSK	1	49	22.97	22.92	22.95		
10	QPSK	25	0	22.13	22.15	22.11	23	1
10	QPSK	25	12	22.11	22.02	22.08		
10	QPSK	25	25	22.09	22.10	22.09		
10	QPSK	50	0	22.02	22.07	22.02		
10	16QAM	1	0	22.32	22.17	22.22	23	1
10	16QAM	1	25	22.31	22.28	22.32		
10	16QAM	1	49	22.28	22.25	22.27		
10	16QAM	25	0	21.08	21.06	21.05	22	2
10	16QAM	25	12	21.20	21.11	21.13		
10	16QAM	25	25	21.11	21.12	21.10		
10	16QAM	50	0	21.04	21.06	21.04		
10	64QAM	1	0	21.15	21.08	21.13	22	2
10	64QAM	1	25	21.16	21.17	21.11		
10	64QAM	1	49	21.19	21.23	21.21		
10	64QAM	25	0	20.11	20.10	20.07	21	3
10	64QAM	25	12	20.17	20.13	20.13		
10	64QAM	25	25	20.17	20.13	20.12		
10	64QAM	50	0	20.05	20.09	20.05		
10	256QAM	1	0	17.95	17.90	17.95	19	5
10	256QAM	1	25	17.96	17.96	17.97		
10	256QAM	1	49	17.97	18.03	17.98		
10	256QAM	25	0	18.06	17.89	17.93	19	5
10	256QAM	25	12	18.05	18.04	18.08		
10	256QAM	25	25	17.95	17.99	18.02		
10	256QAM	50	0	17.89	17.91	17.86		
Channel				23755	23790	23825	Tune-up limit	MPR
Frequency (MHz)				706.5	710	713.5	(dBm)	(dB)
5	QPSK	1	0	22.97	22.99	23.00	24	0
5	QPSK	1	12	22.86	22.96	22.98		
5	QPSK	1	24	22.92	22.97	22.95		
5	QPSK	12	0	22.06	22.08	22.05	23	1
5	QPSK	12	7	22.06	22.02	22.07		
5	QPSK	12	13	22.03	22.03	22.00		
5	QPSK	25	0	22.08	22.02	21.99		
5	16QAM	1	0	22.34	22.33	22.36	23	1
5	16QAM	1	12	22.32	22.34	22.35		
5	16QAM	1	24	22.24	22.32	22.31		
5	16QAM	12	0	21.08	21.09	21.05	22	2
5	16QAM	12	7	21.13	21.05	21.07		
5	16QAM	12	13	21.04	21.08	21.01		
5	16QAM	25	0	21.10	21.08	21.01		
5	64QAM	1	0	21.25	21.19	21.14	22	2
5	64QAM	1	12	21.10	21.18	21.07		
5	64QAM	1	24	21.13	21.19	21.14		
5	64QAM	12	0	20.08	20.12	20.09	21	3
5	64QAM	12	7	20.13	20.09	20.13		
5	64QAM	12	13	20.05	20.07	20.06		
5	64QAM	25	0	20.11	20.07	19.99		
5	256QAM	1	0	17.90	17.89	17.96	19	5
5	256QAM	1	12	18.02	17.96	17.93		
5	256QAM	1	24	17.94	18.04	18.01		
5	256QAM	12	0	17.99	17.89	17.95	19	5
5	256QAM	12	7	18.00	17.99	18.06		
5	256QAM	12	13	17.98	17.92	17.92		
5	256QAM	25	0	17.92	17.92	17.87		

Band 17_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.73	22.81	22.73	24	0
10	QPSK	1	25	22.66	22.72	22.68		
10	QPSK	1	49	22.61	22.71	22.63		
10	QPSK	25	0	21.82	21.87	21.84	23	1
10	QPSK	25	12	21.80	21.85	21.81		
10	QPSK	25	25	21.78	21.82	21.80		
10	QPSK	50	0	21.72	21.77	21.76		
10	16QAM	1	0	21.96	21.93	22.00	23	1
10	16QAM	1	25	21.96	22.06	22.02		
10	16QAM	1	49	22.01	22.10	22.05		
10	16QAM	25	0	20.79	20.81	20.80	22	2
10	16QAM	25	12	20.91	20.83	20.82		
10	16QAM	25	25	20.89	20.89	20.85		
10	16QAM	50	0	20.77	20.80	20.77		
10	64QAM	1	0	20.87	20.79	20.91	22	2
10	64QAM	1	25	20.86	20.91	20.94		
10	64QAM	1	49	20.88	20.98	20.91		
10	64QAM	25	0	19.84	19.84	19.83	21	3
10	64QAM	25	12	19.95	19.87	19.84		
10	64QAM	25	25	19.88	19.90	19.84		
10	64QAM	50	0	19.76	19.80	19.77		
10	256QAM	1	0	17.85	17.89	17.98	19	5
10	256QAM	1	25	17.88	17.84	17.86		
10	256QAM	1	49	17.87	17.84	17.87		
10	256QAM	25	0	17.94	17.93	17.95	19	5
10	256QAM	25	12	17.89	17.86	17.88		
10	256QAM	25	25	17.96	17.92	17.84		
10	256QAM	50	0	17.96	17.96	17.90		
Channel				23755	23790	23825	Tune-up limit	MPR
Frequency (MHz)				706.5	710	713.5	(dBm)	(dB)
5	QPSK	1	0	22.71	22.74	22.76	24	0
5	QPSK	1	12	22.71	22.68	22.71		
5	QPSK	1	24	22.64	22.70	22.75		
5	QPSK	12	0	21.80	21.77	21.77	23	1
5	QPSK	12	7	21.82	21.76	21.80		
5	QPSK	12	13	21.75	21.78	21.75		
5	QPSK	25	0	21.82	21.76	21.74		
5	16QAM	1	0	22.12	22.15	22.06	23	1
5	16QAM	1	12	21.93	22.09	22.03		
5	16QAM	1	24	21.99	22.08	21.99		
5	16QAM	12	0	20.82	20.85	20.82	22	2
5	16QAM	12	7	20.80	20.77	20.82		
5	16QAM	12	13	20.76	20.80	20.77		
5	16QAM	25	0	20.83	20.78	20.76		
5	64QAM	1	0	20.89	20.95	20.93	22	2
5	64QAM	1	12	20.82	20.92	20.89		
5	64QAM	1	24	20.84	20.84	20.92		
5	64QAM	12	0	19.84	19.86	19.83	21	3
5	64QAM	12	7	19.86	19.83	19.87		
5	64QAM	12	13	19.79	19.82	19.80		
5	64QAM	25	0	19.84	19.80	19.76		
5	256QAM	1	0	17.92	17.89	17.96	19	5
5	256QAM	1	12	17.92	17.88	17.85		
5	256QAM	1	24	17.94	17.94	17.92		
5	256QAM	12	0	17.89	17.88	17.89	19	5
5	256QAM	12	7	17.91	17.89	17.86		
5	256QAM	12	13	17.89	17.89	17.88		
5	256QAM	25	0	17.98	17.92	17.84		

Band 25_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.27	23.35	23.23	24	0
20	QPSK	1	49	22.97	23.00	23.02		
20	QPSK	1	99	22.83	22.89	22.96		
20	QPSK	50	0	22.18	22.26	22.13	23	1
20	QPSK	50	24	22.09	22.07	22.10		
20	QPSK	50	50	22.02	22.08	22.08		
20	QPSK	100	0	22.04	22.13	22.11		
20	16QAM	1	0	22.22	22.40	22.30	23	1
20	16QAM	1	49	22.30	22.32	22.37		
20	16QAM	1	99	22.23	22.27	22.28		
20	16QAM	50	0	21.08	21.07	21.09	22	2
20	16QAM	50	24	21.06	21.05	21.09		
20	16QAM	50	50	21.05	21.08	21.14		
20	16QAM	100	0	21.07	21.05	21.13		
20	64QAM	1	0	21.05	21.22	21.19	22	2
20	64QAM	1	49	21.21	21.16	21.24		
20	64QAM	1	99	21.21	21.13	21.20		
20	64QAM	50	0	20.12	20.09	20.11	21	3
20	64QAM	50	24	20.10	20.09	20.16		
20	64QAM	50	50	20.07	20.10	20.15		
20	64QAM	100	0	20.09	20.07	20.09		
20	256QAM	1	0	17.93	17.97	18.00	19	5
20	256QAM	1	49	18.02	17.92	17.97		
20	256QAM	1	99	18.00	17.89	17.92		
20	256QAM	50	0	18.01	17.90	17.97	19	5
20	256QAM	50	24	17.86	17.88	18.04		
20	256QAM	50	50	17.91	17.96	17.99		
20	256QAM	100	0	17.98	17.84	17.91		
Channel				26115	26340	26615	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1907.5	(dBm)	(dB)
15	QPSK	1	0	22.96	22.98	23.01	24	0
15	QPSK	1	37	22.93	22.98	23.02		
15	QPSK	1	74	22.85	22.92	22.94		
15	QPSK	36	0	22.12	22.11	22.14	23	1
15	QPSK	36	20	22.06	22.10	22.20		
15	QPSK	36	39	21.99	22.05	22.09		
15	QPSK	75	0	22.04	22.03	22.18		
15	16QAM	1	0	22.32	22.37	22.38	23	1
15	16QAM	1	37	22.25	22.24	22.37		
15	16QAM	1	74	22.21	22.32	22.36		
15	16QAM	36	0	21.11	21.11	21.19	22	2
15	16QAM	36	20	21.11	21.13	21.17		
15	16QAM	36	39	21.00	21.04	21.10		
15	16QAM	75	0	21.10	21.05	21.19		
15	64QAM	1	0	21.20	21.24	21.22	22	2
15	64QAM	1	37	21.15	21.19	21.21		
15	64QAM	1	74	21.18	21.12	21.23		
15	64QAM	36	0	20.17	20.14	20.19	21	3
15	64QAM	36	20	20.12	20.18	20.22		
15	64QAM	36	39	20.03	20.09	20.15		
15	64QAM	75	0	20.08	20.04	20.23		
15	256QAM	1	0	17.93	18.06	17.95	19	5
15	256QAM	1	37	17.98	17.94	17.93		
15	256QAM	1	74	18.00	17.90	17.93		
15	256QAM	36	0	18.04	17.89	17.98	19	5
15	256QAM	36	20	17.88	17.98	18.12		
15	256QAM	36	39	17.92	17.97	18.03		
15	256QAM	75	0	17.98	17.86	17.91		
Channel				26090	26340	26640	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1910	(dBm)	(dB)
10	QPSK	1	0	23.08	23.19	23.29	24	0
10	QPSK	1	25	23.03	23.15	23.19		
10	QPSK	1	49	22.90	23.00	23.24		
10	QPSK	25	0	22.26	22.24	22.32	23	1
10	QPSK	25	12	22.24	22.21	22.30		
10	QPSK	25	25	22.10	22.21	22.26		
10	QPSK	50	0	22.20	22.27	22.27		
10	16QAM	1	0	22.47	22.45	22.59	23	1
10	16QAM	1	25	22.48	22.54	22.60		
10	16QAM	1	49	22.36	22.41	22.58		
10	16QAM	25	0	21.29	21.30	21.29	22	2
10	16QAM	25	12	21.27	21.28	21.35		
10	16QAM	25	25	21.11	21.21	21.28		
10	16QAM	50	0	21.21	21.28	21.28		
10	64QAM	1	0	21.28	21.37	21.44	22	2
10	64QAM	1	25	21.25	21.36	21.43		
10	64QAM	1	49	21.21	21.31	21.50		
10	64QAM	25	0	20.32	20.32	20.37	21	3
10	64QAM	25	12	20.28	20.28	20.36		
10	64QAM	25	25	20.16	20.24	20.30		
10	64QAM	50	0	20.24	20.31	20.30		
10	256QAM	1	0	17.97	18.02	18.05	19	5
10	256QAM	1	25	17.99	17.94	17.93		
10	256QAM	1	49	17.93	17.98	17.99		
10	256QAM	25	0	18.00	17.94	17.90	19	5
10	256QAM	25	12	17.95	17.98	18.03		
10	256QAM	25	25	17.95	18.06	18.02		
10	256QAM	50	0	17.98	17.84	17.96		
Channel				26065	26340	26665	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1912.5	(dBm)	(dB)
5	QPSK	1	0	23.13	23.22	23.25	24	0
5	QPSK	1	12	23.13	23.21	23.27		
5	QPSK	1	24	23.01	23.09	23.29		
5	QPSK	12	0	22.19	22.21	22.33	23	1
5	QPSK	12	7	22.19	22.29	22.33		
5	QPSK	12	13	22.14	22.22	22.29		
5	QPSK	25	0	22.18	22.26	22.30		
5	16QAM	1	0	22.52	22.68	22.59	23	1
5	16QAM	1	12	22.63	22.61	22.62		
5	16QAM	1	24	22.41	22.50	22.66		
5	16QAM	12	0	21.26	21.28	21.40	22	2
5	16QAM	12	7	21.24	21.33	21.37		
5	16QAM	12	13	21.17	21.24	21.34		
5	16QAM	25	0	21.20	21.29	21.35		
5	64QAM	1	0	21.38	21.36	21.48	22	2
5	64QAM	1	12	21.27	21.36	21.37		
5	64QAM	1	24	21.20	21.32	21.45		
5	64QAM	12	0	20.26	20.27	20.39	21	3
5	64QAM	12	7	20.28	20.34	20.39		
5	64QAM	12	13	20.21	20.27	20.31		
5	64QAM	25	0	20.21	20.30	20.33		
5	256QAM	1	0	17.97	18.00	17.97	19	5
5	256QAM	1	12	18.00	17.93	18.04		
5	256QAM	1	24	17.98	17.92	18.00		
5	256QAM	12	0	18.02	17.95	17.88	19	5
5	256QAM	12	7	17.93	17.94	18.04		
5	256QAM	12	13	17.93	18.01	18.00		
5	256QAM	25	0	17.98	17.93	17.95		
Channel				26055	26340	26675	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1913.5	(dBm)	(dB)
3	QPSK	1	0	23.12	23.25	23.28	24	0
3	QPSK	1	8	23.11	23.27	23.31		
3	QPSK	1	14	23.02	23.15	23.23		
3	QPSK	8	0	22.20	22.26	22.30	23	1
3	QPSK	8	4	22.20	22.25	22.32		
3	QPSK	8	7	22.13	22.25	22.31		
3	QPSK	15	0	22.18	22.26	22.29		
3	16QAM	1	0	22.56	22.59	22.64	23	1
3	16QAM	1	8	22.62	22.64	22.78		
3	16QAM	1	14	22.41	22.59	22.55		
3	16QAM	8	0	21.26	21.34	21.37	22	2
3	16QAM	8	4	21.28	21.38	21.37		
3	16QAM	8	7	21.23	21.28	21.33		
3	16QAM	15	0	21.18	21.34	21.36		
3	64QAM	1	0	21.35	21.44	21.50	22	2
3	64QAM	1	8	21.32	21.47	21.57		
3	64QAM	1	14	21.21	21.38	21.48		
3	64QAM	8	0	20.29	20.37	20.43	21	3
3	64QAM	8	4	20.32	20.40	20.38		
3	64QAM	8	7	20.26	20.31	20.42		
3	64QAM	15	0	20.22	20.35	20.42		
3	256QAM	1	0	17.99	17.97	17.99	19	5
3	256QAM	1	8	18.06	17.90	17.93		
3	256QAM	1	14	17.94	17.91	17.98		
3	256QAM	8	0	17.99	17.86	17.96	19	5
3	256QAM	8	4	17.88	17.89	18.04		
3	256QAM	8	7	17.86	18.06	17.99		
3	256QAM	15	0	17.97	17.93	17.96		
Channel				26047	26340	26683	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1914.3	(dBm)	(dB)
1.4	QPSK	1	0	23.02	23.21	23.18	24	0
1.4	QPSK	1	3	23.08	23.20	23.25		
1.4	QPSK	1	5	23.00	23.08	23.11		
1.4	QPSK	3	0	22.96	23.19	23.09		
1.4	QPSK	3	1	22.98	23.12	23.15		
1.4	QPSK	3	3	22.95	23.00	23.08		
1.4	QPSK	6	0	22.15	22.16	22.25	23	1
1.4	16QAM	1	0	22.55	22.53	22.58	23	1
1.4	16QAM	1	3	22.53	22.52	22.70		
1.4	16QAM	1	5	22.32	22.54	22.50		
1.4	16QAM	3	0	22.44	22.43	22.57		
1.4	16QAM	3	1	22.51	22.46	22.59		
1.4	16QAM	3	3	22.21	22.47	22.45		
1.4	16QAM	6	0	21.07	21.22	21.25	22	2
1.4	64QAM	1	0	21.28	21.33	21.42	22	2
1.4	64QAM	1	3	21.28	21.40	21.49		
1.4	64QAM	1	5	21.17	21.31	21.47		
1.4	64QAM	3	0	21.23	21.21	21.33		
1.4	64QAM	3	1	21.17	21.34	21.45		
1.4	64QAM	3	3	21.09	21.22	21.36		
1.4	64QAM	6	0	20.19	20.30	20.30	21	3
1.4	256QAM	1	0	17.88	17.94	17.87	19	5
1.4	256QAM	1	3	17.95	17.80	17.92		
1.4	256QAM	1	5	17.83	17.81	17.90		
1.4	256QAM	3	0	17.88	17.78	17.92		
1.4	256QAM	3	1	17.87	17.81	17.97		
1.4	256QAM	3	3	17.76	18.05	17.88		
1.4	256QAM	6	0	17.92	17.86	17.93	19	5

Band 25_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.60	22.64	22.50	24	0
20	QPSK	1	49	22.55	22.58	22.49		
20	QPSK	1	99	22.33	22.45	22.36		
20	QPSK	50	0	21.61	21.74	21.61	23	1
20	QPSK	50	24	21.60	21.71	21.57		
20	QPSK	50	50	21.59	21.62	21.56		
20	QPSK	100	0	21.61	21.72	21.57		
20	16QAM	1	0	21.58	21.57	21.52	23	1
20	16QAM	1	49	21.60	21.52	21.58		
20	16QAM	1	99	21.49	21.42	21.44		
20	16QAM	50	0	20.43	20.33	20.26	22	2
20	16QAM	50	24	20.43	20.30	20.24		
20	16QAM	50	50	20.34	20.28	20.27		
20	16QAM	100	0	20.42	20.31	20.22		
20	64QAM	1	0	20.52	20.46	20.28	22	2
20	64QAM	1	49	20.55	20.41	20.48		
20	64QAM	1	99	20.36	20.37	20.34		
20	64QAM	50	0	19.46	19.33	19.26	21	3
20	64QAM	50	24	19.45	19.34	19.26		
20	64QAM	50	50	19.35	19.33	19.30		
20	64QAM	100	0	19.38	19.29	19.23		
20	256QAM	1	0	17.19	17.24	17.31	19	5
20	256QAM	1	49	17.20	17.33	17.30		
20	256QAM	1	99	17.15	17.32	17.18		
20	256QAM	50	0	17.30	17.30	17.21	19	5
20	256QAM	50	24	17.32	17.15	17.29		
20	256QAM	50	50	17.24	17.19	17.29		
20	256QAM	100	0	17.19	17.29	17.31		
Channel				26115	26340	26615	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1907.5	(dBm)	(dB)
15	QPSK	1	0	22.34	22.21	22.15	24	0
15	QPSK	1	37	22.28	22.21	22.10		
15	QPSK	1	74	22.17	22.05	22.03		
15	QPSK	36	0	21.53	21.38	21.25	23	1
15	QPSK	36	20	21.41	21.27	21.30		
15	QPSK	36	39	21.31	21.24	21.15		
15	QPSK	75	0	21.41	21.24	21.29		
15	16QAM	1	0	21.71	21.66	21.59	23	1
15	16QAM	1	37	21.48	21.55	21.41		
15	16QAM	1	74	21.42	21.34	21.41		
15	16QAM	36	0	20.48	20.35	20.32	22	2
15	16QAM	36	20	20.42	20.26	20.30		
15	16QAM	36	39	20.29	20.25	20.16		
15	16QAM	75	0	20.41	20.28	20.32		
15	64QAM	1	0	20.65	20.42	20.34	22	2
15	64QAM	1	37	20.52	20.50	20.42		
15	64QAM	1	74	20.40	20.37	20.28		
15	64QAM	36	0	19.55	19.37	19.35	21	3
15	64QAM	36	20	19.41	19.25	19.35		
15	64QAM	36	39	19.30	19.31	19.26		
15	64QAM	75	0	19.42	19.28	19.32		
15	256QAM	1	0	17.07	17.06	16.95	19	5
15	256QAM	1	37	17.04	17.11	16.95		
15	256QAM	1	74	17.06	17.04	17.07		
15	256QAM	36	0	17.03	17.02	17.09	19	5
15	256QAM	36	20	16.99	17.03	17.09		
15	256QAM	36	39	17.05	17.13	17.09		
15	256QAM	75	0	16.96	17.08	17.00		
Channel				26090	26340	26640	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1910	(dBm)	(dB)
10	QPSK	1	0	22.52	22.46	22.38	24	0
10	QPSK	1	25	22.37	22.36	22.24		
10	QPSK	1	49	22.22	22.14	22.34		
10	QPSK	25	0	21.59	21.47	21.42	23	1
10	QPSK	25	12	21.56	21.45	21.37		
10	QPSK	25	25	21.43	21.42	21.30		
10	QPSK	50	0	21.51	21.50	21.30		
10	16QAM	1	0	21.76	21.78	21.72	23	1
10	16QAM	1	25	21.76	21.71	21.61		
10	16QAM	1	49	21.62	21.67	21.69		
10	16QAM	25	0	20.58	20.49	20.37	22	2
10	16QAM	25	12	20.60	20.48	20.32		
10	16QAM	25	25	20.47	20.39	20.30		
10	16QAM	50	0	20.50	20.52	20.32		
10	64QAM	1	0	20.74	20.54	20.51	22	2
10	64QAM	1	25	20.58	20.65	20.42		
10	64QAM	1	49	20.44	20.42	20.57		
10	64QAM	25	0	19.65	19.55	19.44	21	3
10	64QAM	25	12	19.63	19.52	19.43		
10	64QAM	25	25	19.49	19.47	19.38		
10	64QAM	50	0	19.56	19.55	19.37		
10	256QAM	1	0	17.02	17.09	17.08	19	5
10	256QAM	1	25	16.98	16.96	17.01		
10	256QAM	1	49	17.05	16.98	17.04		
10	256QAM	25	0	17.03	16.96	17.03	19	5
10	256QAM	25	12	16.99	17.01	17.00		
10	256QAM	25	25	17.10	17.10	17.00		
10	256QAM	50	0	17.07	17.09	17.05		
Channel				26065	26340	26665	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1912.5	(dBm)	(dB)
5	QPSK	1	0	22.53	22.47	22.24	24	0
5	QPSK	1	12	22.47	22.42	22.28		
5	QPSK	1	24	22.36	22.27	22.36		
5	QPSK	12	0	21.52	21.38	21.34	23	1
5	QPSK	12	7	21.52	21.49	21.40		
5	QPSK	12	13	21.44	21.42	21.32		
5	QPSK	25	0	21.51	21.48	21.32		
5	16QAM	1	0	21.90	21.82	21.62	23	1
5	16QAM	1	12	21.93	21.90	21.76		
5	16QAM	1	24	21.68	21.76	21.67		
5	16QAM	12	0	20.56	20.46	20.39	22	2
5	16QAM	12	7	20.56	20.51	20.41		
5	16QAM	12	13	20.49	20.44	20.38		
5	16QAM	25	0	20.53	20.48	20.37		
5	64QAM	1	0	20.70	20.56	20.48	22	2
5	64QAM	1	12	20.62	20.63	20.65		
5	64QAM	1	24	20.63	20.57	20.63		
5	64QAM	12	0	19.58	19.49	19.49	21	3
5	64QAM	12	7	19.61	19.52	19.52		
5	64QAM	12	13	19.49	19.44	19.37		
5	64QAM	25	0	19.50	19.48	19.41		
5	256QAM	1	0	17.00	17.14	16.99	19	5
5	256QAM	1	12	17.00	17.13	17.09		
5	256QAM	1	24	17.01	17.02	16.97		
5	256QAM	12	0	17.00	17.11	17.10	19	5
5	256QAM	12	7	16.97	17.00	17.08		
5	256QAM	12	13	17.02	17.00	16.98		
5	256QAM	25	0	17.11	17.11	17.06		
Channel				26055	26340	26675	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1913.5	(dBm)	(dB)
3	QPSK	1	0	22.50	22.44	22.51	24	0
3	QPSK	1	8	22.30	22.36	22.22		
3	QPSK	1	14	22.18	22.14	22.09		
3	QPSK	8	0	21.52	21.55	21.53	23	1
3	QPSK	8	4	21.46	21.52	21.51		
3	QPSK	8	7	21.39	21.37	21.36		
3	QPSK	15	0	21.42	21.41	21.42		
3	16QAM	1	0	21.64	21.73	21.67	23	1
3	16QAM	1	8	21.68	21.71	21.72		
3	16QAM	1	14	21.52	21.53	21.55		
3	16QAM	8	0	20.51	20.57	20.43	22	2
3	16QAM	8	4	20.58	20.48	20.47		
3	16QAM	8	7	20.32	20.37	20.37		
3	16QAM	15	0	20.44	20.39	20.46		
3	64QAM	1	0	20.64	20.70	20.60	22	2
3	64QAM	1	8	20.52	20.51	20.55		
3	64QAM	1	14	20.31	20.36	20.32		
3	64QAM	8	0	19.62	19.56	19.63	21	3
3	64QAM	8	4	19.53	19.62	19.62		
3	64QAM	8	7	19.48	19.44	19.45		
3	64QAM	15	0	19.47	19.49	19.46		
3	256QAM	1	0	16.82	16.97	17.01	19	5
3	256QAM	1	8	16.78	16.81	16.89		
3	256QAM	1	14	17.01	16.87	16.92		
3	256QAM	8	0	16.85	16.99	16.93	19	5
3	256QAM	8	4	16.79	16.83	16.95		
3	256QAM	8	7	16.95	16.89	17.01		
3	256QAM	15	0	16.89	16.88	16.90		
Channel				26047	26340	26683	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1914.3	(dBm)	(dB)
1.4	QPSK	1	0	21.97	21.96	22.05	24	0
1.4	QPSK	1	3	21.97	21.94	21.99		
1.4	QPSK	1	5	21.97	21.97	21.92		
1.4	QPSK	3	0	21.94	21.89	21.83		
1.4	QPSK	3	1	21.92	21.90	21.82		
1.4	QPSK	3	3	21.87	21.90	21.82		
1.4	QPSK	6	0	21.00	21.02	21.09	23	1
1.4	16QAM	1	0	21.23	21.18	21.23	23	1
1.4	16QAM	1	3	21.17	21.25	21.20		
1.4	16QAM	1	5	21.23	21.19	21.13		
1.4	16QAM	3	0	21.08	21.14	21.09		
1.4	16QAM	3	1	21.03	21.12	21.04		
1.4	16QAM	3	3	21.07	21.15	21.08		
1.4	16QAM	6	0	20.10	20.15	20.15	22	2
1.4	64QAM	1	0	20.00	20.04	20.05	22	2
1.4	64QAM	1	3	20.05	20.01	20.00		
1.4	64QAM	1	5	20.03	20.13	20.13		
1.4	64QAM	3	0	20.16	20.18	20.15		
1.4	64QAM	3	1	20.14	20.14	20.13		
1.4	64QAM	3	3	20.15	20.19	20.12		
1.4	64QAM	6	0	19.08	19.06	19.04	21	3
1.4	256QAM	1	0	16.97	17.12	17.11	19	5
1.4	256QAM	1	3	17.04	17.08	16.96		
1.4	256QAM	1	5	17.03	16.97	16.97		
1.4	256QAM	3	0	17.03	16.99	17.09		
1.4	256QAM	3	1	16.98	17.13	17.05		
1.4	256QAM	3	3	17.09	16.98	16.96		
1.4	256QAM	6	0	16.97	17.00	17.00	19	5

Band 26_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.04	23.13	23.01	24	0
15	QPSK	1	37	22.97	23.06	22.95		
15	QPSK	1	74	22.93	23.02	22.87		
15	QPSK	36	0	22.12	22.19	22.07	23	1
15	QPSK	36	20	22.05	22.15	22.04		
15	QPSK	36	39	22.02	22.08	22.05		
15	QPSK	75	0	22.07	22.24	22.08		
15	16QAM	1	0	22.42	22.39	22.36	23	1
15	16QAM	1	37	22.31	22.43	22.26		
15	16QAM	1	74	22.33	22.43	22.23		
15	16QAM	36	0	21.05	21.21	21.07	22	2
15	16QAM	36	20	21.09	21.20	21.12		
15	16QAM	36	39	21.11	21.25	21.12		
15	16QAM	75	0	21.18	21.23	21.06		
15	64QAM	1	0	21.25	21.23	21.21	22	2
15	64QAM	1	37	21.24	21.35	21.21		
15	64QAM	1	74	21.21	21.22	21.05		
15	64QAM	36	0	20.07	20.27	20.11	21	3
15	64QAM	36	20	20.14	20.23	20.16		
15	64QAM	36	39	20.14	20.28	20.14		
15	64QAM	75	0	20.15	20.20	20.08		
15	256QAM	1	0	17.86	18.13	17.93	19	5
15	256QAM	1	37	17.92	18.13	18.07		
15	256QAM	1	74	18.09	18.19	18.04		
15	256QAM	36	0	17.98	18.18	17.90	19	5
15	256QAM	36	20	18.00	18.09	18.03		
15	256QAM	36	39	18.00	18.16	17.97		
15	256QAM	75	0	18.09	18.05	17.92		
Channel				26740	26865	26990	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	0	22.90	23.06	22.90	24	0
10	QPSK	1	25	22.96	23.02	22.87		
10	QPSK	1	49	22.82	22.94	22.77		
10	QPSK	25	0	21.94	22.07	22.04	23	1
10	QPSK	25	12	21.96	22.13	21.98		
10	QPSK	25	25	21.96	22.07	22.00		
10	QPSK	50	0	22.02	22.23	22.01		
10	16QAM	1	0	22.41	22.29	22.25	23	1
10	16QAM	1	25	22.21	22.36	22.16		
10	16QAM	1	49	22.23	22.39	22.15		
10	16QAM	25	0	20.95	21.16	20.96	22	2
10	16QAM	25	12	21.05	21.17	21.00		
10	16QAM	25	25	21.08	21.20	21.09		
10	16QAM	50	0	21.11	21.13	20.97		
10	64QAM	1	0	21.18	21.22	21.20	22	2
10	64QAM	1	25	21.14	21.34	21.20		
10	64QAM	1	49	21.16	21.16	21.03		
10	64QAM	25	0	19.98	20.25	20.04	21	3
10	64QAM	25	12	20.03	20.16	20.15		
10	64QAM	25	25	20.08	20.19	20.13		
10	64QAM	50	0	20.13	20.15	20.07		
10	256QAM	1	0	17.86	18.22	18.00	19	5
10	256QAM	1	25	18.01	18.11	18.05		
10	256QAM	1	49	17.99	18.19	17.96		
10	256QAM	25	0	17.88	18.20	18.00	19	5
10	256QAM	25	12	18.01	18.12	17.94		
10	256QAM	25	25	17.98	18.14	18.00		
10	256QAM	50	0	18.09	18.05	17.95		
Channel				26715	26865	27015	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	0	22.72	22.92	22.66	24	0
5	QPSK	1	12	22.65	22.85	22.67		
5	QPSK	1	24	22.69	22.71	22.61		
5	QPSK	12	0	21.74	21.97	21.77	23	1
5	QPSK	12	7	21.81	21.85	21.74		
5	QPSK	12	13	21.75	21.85	21.82		
5	QPSK	25	0	21.75	21.96	21.78		
5	16QAM	1	0	22.11	22.08	22.12	23	1
5	16QAM	1	12	22.03	22.18	21.94		
5	16QAM	1	24	22.09	22.19	22.00		
5	16QAM	12	0	20.83	20.99	20.80	22	2
5	16QAM	12	7	20.77	20.93	20.82		
5	16QAM	12	13	20.85	21.04	20.90		
5	16QAM	25	0	20.93	20.99	20.75		
5	64QAM	1	0	20.98	20.93	20.95	22	2
5	64QAM	1	12	21.02	21.06	20.97		
5	64QAM	1	24	20.98	20.95	20.73		
5	64QAM	12	0	19.86	19.98	19.81	21	3
5	64QAM	12	7	19.86	19.92	19.87		
5	64QAM	12	13	19.83	20.00	19.88		
5	64QAM	25	0	19.89	19.94	19.79		
5	256QAM	1	0	17.68	17.95	17.71	19	5
5	256QAM	1	12	17.75	17.88	17.86		
5	256QAM	1	24	17.90	17.91	17.85		
5	256QAM	12	0	17.77	17.95	17.75	19	5
5	256QAM	12	7	17.77	17.91	17.72		
5	256QAM	12	13	17.82	18.04	17.78		
5	256QAM	25	0	17.82	17.91	17.75		
Channel				26705	26865	27025	Tune-up limit	MPR
Frequency (MHz)				815.5	831.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.67	22.84	22.75	24	0
3	QPSK	1	8	22.76	22.75	22.74		
3	QPSK	1	14	22.66	22.79	22.61		
3	QPSK	8	0	21.76	21.89	21.85	23	1
3	QPSK	8	4	21.83	21.84	21.81		
3	QPSK	8	7	21.79	21.77	21.79		
3	QPSK	15	0	21.83	22.03	21.83		
3	16QAM	1	0	22.14	22.13	22.07	23	1
3	16QAM	1	8	22.00	22.22	21.99		
3	16QAM	1	14	22.03	22.16	21.98		
3	16QAM	8	0	20.79	20.90	20.81	22	2
3	16QAM	8	4	20.80	20.89	20.82		
3	16QAM	8	7	20.84	20.96	20.89		
3	16QAM	15	0	20.90	20.92	20.75		
3	64QAM	1	0	21.00	20.96	21.00	22	2
3	64QAM	1	8	21.03	21.05	20.99		
3	64QAM	1	14	20.98	21.01	20.82		
3	64QAM	8	0	19.77	20.03	19.87	21	3
3	64QAM	8	4	19.88	19.97	19.87		
3	64QAM	8	7	19.92	20.02	19.83		
3	64QAM	15	0	19.91	19.92	19.77		
3	256QAM	1	0	17.68	17.99	17.81	19	5
3	256QAM	1	8	17.82	17.87	17.92		
3	256QAM	1	14	17.80	18.01	17.84		
3	256QAM	8	0	17.73	18.01	17.73	19	5
3	256QAM	8	4	17.79	17.84	17.81		
3	256QAM	8	7	17.83	17.97	17.77		
3	256QAM	15	0	17.85	17.95	17.80		
Channel				26697	26865	27033	Tune-up limit	MPR
Frequency (MHz)				814.7	831.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.73	22.87	22.74	24	0
1.4	QPSK	1	3	22.76	22.85	22.67		
1.4	QPSK	1	5	22.64	22.78	22.60		
1.4	QPSK	3	0	22.63	22.85	22.69		
1.4	QPSK	3	1	22.65	22.75	22.65		
1.4	QPSK	3	3	22.61	22.77	22.55		
1.4	QPSK	6	0	21.82	21.95	21.76	23	1
1.4	16QAM	1	0	22.19	22.14	22.09	23	1
1.4	16QAM	1	3	22.09	22.18	21.95		
1.4	16QAM	1	5	22.11	22.13	21.97		
1.4	16QAM	3	0	22.17	22.04	21.97		
1.4	16QAM	3	1	22.07	22.12	21.91		
1.4	16QAM	3	3	21.99	22.10	21.96		
1.4	16QAM	6	0	20.96	20.99	20.77	22	2
1.4	64QAM	1	0	21.00	20.97	20.94	22	2
1.4	64QAM	1	3	21.02	21.06	20.95		
1.4	64QAM	1	5	20.93	20.98	20.75		
1.4	64QAM	3	0	20.90	20.94	20.87		
1.4	64QAM	3	1	20.95	21.03	20.92		
1.4	64QAM	3	3	20.81	20.88	20.69		
1.4	64QAM	6	0	19.85	19.97	19.86	21	3
1.4	256QAM	1	0	17.66	17.97	17.78	19	5
1.4	256QAM	1	3	17.75	17.87	17.86		
1.4	256QAM	1	5	17.84	18.01	17.77		
1.4	256QAM	3	0	17.76	18.03	17.69		
1.4	256QAM	3	1	17.76	17.92	17.73		
1.4	256QAM	3	3	17.82	18.01	17.83		
1.4	256QAM	6	0	17.90	17.96	17.77	19	5

Band 26_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.79	22.82	22.79	24	0
15	QPSK	1	37	22.78	22.81	22.78		
15	QPSK	1	74	22.72	22.70	22.69		
15	QPSK	36	0	21.91	21.93	21.91	23	1
15	QPSK	36	20	21.82	21.83	21.81		
15	QPSK	36	39	21.88	21.83	21.83		
15	QPSK	75	0	21.83	21.92	21.91		
15	16QAM	1	0	21.87	21.75	21.87	23	1
15	16QAM	1	37	21.87	21.84	21.85		
15	16QAM	1	74	21.87	21.78	21.75		
15	16QAM	36	0	20.53	20.61	20.60	22	2
15	16QAM	36	20	20.60	20.61	20.65		
15	16QAM	36	39	20.64	20.65	20.64		
15	16QAM	75	0	20.64	20.60	20.61		
15	64QAM	1	0	20.80	20.63	20.72	22	2
15	64QAM	1	37	20.65	20.72	20.73		
15	64QAM	1	74	20.73	20.70	20.61		
15	64QAM	36	0	19.57	19.64	19.67	21	3
15	64QAM	36	20	19.66	19.62	19.70		
15	64QAM	36	39	19.63	19.68	19.67		
15	64QAM	75	0	19.68	19.61	19.62		
15	256QAM	1	0	17.48	17.50	17.47	19	5
15	256QAM	1	37	17.61	17.56	17.50		
15	256QAM	1	74	17.61	17.61	17.53		
15	256QAM	36	0	17.50	17.43	17.40	19	5
15	256QAM	36	20	17.45	17.50	17.50		
15	256QAM	36	39	17.52	17.57	17.64		
15	256QAM	75	0	17.45	17.54	17.49		
Channel				26740	26865	26990	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	0	22.65	22.66	22.57	24	0
10	QPSK	1	25	22.58	22.59	22.62		
10	QPSK	1	49	22.56	22.59	22.56		
10	QPSK	25	0	21.74	21.65	21.71	23	1
10	QPSK	25	12	21.74	21.67	21.70		
10	QPSK	25	25	21.72	21.73	21.70		
10	QPSK	50	0	21.75	21.68	21.70		
10	16QAM	1	0	22.00	21.99	21.95	23	1
10	16QAM	1	25	21.93	21.93	21.98		
10	16QAM	1	49	22.01	21.92	21.95		
10	16QAM	25	0	20.80	20.74	20.74	22	2
10	16QAM	25	12	20.76	20.71	20.73		
10	16QAM	25	25	20.67	20.76	20.74		
10	16QAM	50	0	20.77	20.70	20.66		
10	64QAM	1	0	20.91	20.81	20.80	22	2
10	64QAM	1	25	20.77	20.82	20.89		
10	64QAM	1	49	20.81	20.86	20.82		
10	64QAM	25	0	19.84	19.74	19.78	21	3
10	64QAM	25	12	19.79	19.74	19.74		
10	64QAM	25	25	19.77	19.79	19.80		
10	64QAM	50	0	19.80	19.73	19.70		
10	256QAM	1	0	17.50	17.51	17.61	19	5
10	256QAM	1	25	17.52	17.60	17.60		
10	256QAM	1	49	17.61	17.53	17.63		
10	256QAM	25	0	17.51	17.48	17.53	19	5
10	256QAM	25	12	17.53	17.51	17.53		
10	256QAM	25	25	17.60	17.63	17.59		
10	256QAM	50	0	17.46	17.45	17.47		
Channel				26715	26865	27015	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	0	22.69	22.61	22.59	24	0
5	QPSK	1	12	22.70	22.60	22.56		
5	QPSK	1	24	22.59	22.60	22.54		
5	QPSK	12	0	21.80	21.65	21.68	23	1
5	QPSK	12	7	21.78	21.66	21.69		
5	QPSK	12	13	21.74	21.71	21.64		
5	QPSK	25	0	21.75	21.67	21.67		
5	16QAM	1	0	22.03	21.90	21.98	23	1
5	16QAM	1	12	22.04	21.98	21.83		
5	16QAM	1	24	22.09	21.91	21.85		
5	16QAM	12	0	20.81	20.63	20.72	22	2
5	16QAM	12	7	20.78	20.66	20.71		
5	16QAM	12	13	20.76	20.75	20.67		
5	16QAM	25	0	20.78	20.67	20.69		
5	64QAM	1	0	20.95	20.77	20.83	22	2
5	64QAM	1	12	20.80	20.81	20.74		
5	64QAM	1	24	20.86	20.82	20.86		
5	64QAM	12	0	19.80	19.71	19.74	21	3
5	64QAM	12	7	19.85	19.70	19.71		
5	64QAM	12	13	19.73	19.78	19.68		
5	64QAM	25	0	19.79	19.66	19.70		
5	256QAM	1	0	17.57	17.52	17.55	19	5
5	256QAM	1	12	17.60	17.51	17.50		
5	256QAM	1	24	17.53	17.54	17.58		
5	256QAM	12	0	17.50	17.46	17.50	19	5
5	256QAM	12	7	17.54	17.50	17.50		
5	256QAM	12	13	17.59	17.56	17.63		
5	256QAM	25	0	17.51	17.45	17.48		
Channel				26705	26865	27025	Tune-up limit	MPR
Frequency (MHz)				815.5	831.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.54	22.50	22.48	24	0
3	QPSK	1	8	22.41	22.42	22.45		
3	QPSK	1	14	22.47	22.46	22.52		
3	QPSK	8	0	21.54	21.65	21.60	23	1
3	QPSK	8	4	21.60	21.65	21.65		
3	QPSK	8	7	21.55	21.50	21.51		
3	QPSK	15	0	21.62	21.59	21.59		
3	16QAM	1	0	21.85	21.91	21.92	23	1
3	16QAM	1	8	21.73	21.70	21.69		
3	16QAM	1	14	21.81	21.77	21.70		
3	16QAM	8	0	20.71	20.59	20.66	22	2
3	16QAM	8	4	20.63	20.70	20.63		
3	16QAM	8	7	20.56	20.61	20.63		
3	16QAM	15	0	20.68	20.55	20.56		
3	64QAM	1	0	20.75	20.74	20.79	22	2
3	64QAM	1	8	20.65	20.68	20.73		
3	64QAM	1	14	20.80	20.73	20.77		
3	64QAM	8	0	19.67	19.64	19.66	21	3
3	64QAM	8	4	19.65	19.66	19.63		
3	64QAM	8	7	19.61	19.60	19.67		
3	64QAM	15	0	19.68	19.65	19.68		
3	256QAM	1	0	17.46	17.40	17.51	19	5
3	256QAM	1	8	17.33	17.31	17.32		
3	256QAM	1	14	17.38	17.45	17.45		
3	256QAM	8	0	17.35	17.39	17.44	19	5
3	256QAM	8	4	17.39	17.45	17.34		
3	256QAM	8	7	17.60	17.45	17.53		
3	256QAM	15	0	17.47	17.30	17.29		
Channel				26697	26865	27033	Tune-up limit	MPR
Frequency (MHz)				814.7	831.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.64	22.76	22.69	24	0
1.4	QPSK	1	3	22.72	22.76	22.70		
1.4	QPSK	1	5	22.69	22.76	22.68		
1.4	QPSK	3	0	22.66	22.76	22.63		
1.4	QPSK	3	1	22.73	22.76	22.61		
1.4	QPSK	3	3	22.61	22.76	22.73		
1.4	QPSK	6	0	21.77	21.80	21.75	23	1
1.4	16QAM	1	0	21.78	21.80	21.72	23	1
1.4	16QAM	1	3	21.77	21.80	21.72		
1.4	16QAM	1	5	21.72	21.80	21.72		
1.4	16QAM	3	0	21.68	21.80	21.71		
1.4	16QAM	3	1	21.71	21.80	21.68		
1.4	16QAM	3	3	21.74	21.80	21.68		
1.4	16QAM	6	0	20.76	20.86	20.73	22	2
1.4	64QAM	1	0	20.80	20.86	20.82	22	2
1.4	64QAM	1	3	20.77	20.86	20.75		
1.4	64QAM	1	5	20.71	20.86	20.85		
1.4	64QAM	3	0	20.81	20.86	20.78		
1.4	64QAM	3	1	20.85	20.86	20.78		
1.4	64QAM	3	3	20.85	20.86	20.85		
1.4	64QAM	6	0	19.86	19.88	19.79	21	3
1.4	256QAM	1	0	17.67	17.56	17.62	19	5
1.4	256QAM	1	3	17.64	17.56	17.62		
1.4	256QAM	1	5	17.62	17.62	17.65		
1.4	256QAM	3	0	17.56	17.64	17.55		
1.4	256QAM	3	1	17.65	17.55	17.60		
1.4	256QAM	3	3	17.59	17.64	17.65		
1.4	256QAM	6	0	17.63	17.61	17.56	19	5

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.41		24	0
10	QPSK	1	25		23.38			
10	QPSK	1	49		23.31			
10	QPSK	25	0		22.53		23	1
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.40			
10	QPSK	50	0		22.41			
10	16QAM	1	0		22.69		23	1
10	16QAM	1	25		22.76			
10	16QAM	1	49		22.71			
10	16QAM	25	0		21.40		22	2
10	16QAM	25	12		21.56			
10	16QAM	25	25		21.42			
10	16QAM	50	0		21.42			
10	64QAM	1	0		21.66		22	2
10	64QAM	1	25		21.58			
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.44		21	3
10	64QAM	25	12		20.56			
10	64QAM	25	25		20.47			
10	64QAM	50	0		20.41			
10	256QAM	1	0		18.28		19	5
10	256QAM	1	25		18.47			
10	256QAM	1	49		18.26			
10	256QAM	25	0		18.26		19	5
10	256QAM	25	12		18.36			
10	256QAM	25	25		18.41			
10	256QAM	50	0		18.25			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	23.34	23.40	23.40	24	0
5	QPSK	1	12	23.39	23.32	23.40		
5	QPSK	1	24	23.36	23.34	23.29		
5	QPSK	12	0	22.27	22.41	22.44	23	1
5	QPSK	12	7	22.44	22.46	22.43		
5	QPSK	12	13	22.39	22.34	22.33		
5	QPSK	25	0	22.36	22.42	22.42		
5	16QAM	1	0	22.79	22.66	22.72	23	1
5	16QAM	1	12	22.76	22.80	22.78		
5	16QAM	1	24	22.66	22.71	22.69		
5	16QAM	12	0	21.34	21.48	21.46	22	2
5	16QAM	12	7	21.46	21.49	21.49		
5	16QAM	12	13	21.41	21.39	21.34		
5	16QAM	25	0	21.42	21.47	21.46		
5	64QAM	1	0	21.49	21.56	21.60	22	2
5	64QAM	1	12	21.47	21.59	21.51		
5	64QAM	1	24	21.51	21.49	21.54		
5	64QAM	12	0	20.35	20.49	20.44	21	3
5	64QAM	12	7	20.47	20.54	20.53		
5	64QAM	12	13	20.47	20.42	20.36		
5	64QAM	25	0	20.41	20.47	20.41		
5	256QAM	1	0	18.33	18.31	18.28	19	5
5	256QAM	1	12	18.46	18.38	18.46		
5	256QAM	1	24	18.33	18.35	18.38		
5	256QAM	12	0	18.26	18.21	18.38	19	5
5	256QAM	12	7	18.49	18.34	18.44		
5	256QAM	12	13	18.35	18.43	18.42		
5	256QAM	25	0	18.29	18.33	18.29		

Band 30_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.54		24	0
10	QPSK	1	25		23.24			
10	QPSK	1	49		23.17			
10	QPSK	25	0		21.67		23	1
10	QPSK	25	12		21.66			
10	QPSK	25	25		21.63			
10	QPSK	50	0		21.65			
10	16QAM	1	0		21.70		23	1
10	16QAM	1	25		21.73			
10	16QAM	1	49		21.70			
10	16QAM	25	0		20.70		22	2
10	16QAM	25	12		20.72			
10	16QAM	25	25		20.66			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.69		22	2
10	64QAM	1	25		20.67			
10	64QAM	1	49		20.70			
10	64QAM	25	0		19.71		21	3
10	64QAM	25	12		19.72			
10	64QAM	25	25		19.71			
10	64QAM	50	0		19.74			
10	256QAM	1	0		17.71		19	5
10	256QAM	1	25		17.66			
10	256QAM	1	49		17.62			
10	256QAM	25	0		17.67		19	5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.59			
10	256QAM	50	0		17.68			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	22.71	22.63	22.68	24	0
5	QPSK	1	12	22.74	22.77	22.74		
5	QPSK	1	24	23.29	23.14	23.29		
5	QPSK	12	0	21.54	21.63	21.52	23	1
5	QPSK	12	7	21.56	21.62	21.64		
5	QPSK	12	13	21.62	21.53	21.59		
5	QPSK	25	0	21.52	21.59	21.53		
5	16QAM	1	0	21.57	21.66	21.57	23	1
5	16QAM	1	12	21.72	21.63	21.61		
5	16QAM	1	24	21.57	21.64	21.61		
5	16QAM	12	0	20.60	20.62	20.65	22	2
5	16QAM	12	7	20.71	20.70	20.62		
5	16QAM	12	13	20.53	20.59	20.61		
5	16QAM	25	0	20.59	20.62	20.64		
5	64QAM	1	0	20.62	20.55	20.64	22	2
5	64QAM	1	12	20.53	20.58	20.55		
5	64QAM	1	24	20.62	20.69	20.66		
5	64QAM	12	0	19.66	19.66	19.64	21	3
5	64QAM	12	7	19.71	19.62	19.68		
5	64QAM	12	13	19.66	19.67	19.68		
5	64QAM	25	0	19.68	19.71	19.66		
5	256QAM	1	0	17.52	17.58	17.54	19	5
5	256QAM	1	12	17.49	17.60	17.48		
5	256QAM	1	24	17.47	17.49	17.58		
5	256QAM	12	0	17.51	17.66	17.49	19	5
5	256QAM	12	7	17.53	17.50	17.53		
5	256QAM	12	13	17.48	17.46	17.57		
5	256QAM	25	0	17.62	17.64	17.52		

Band 66_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.14	23.38	23.26	24	0
20	QPSK	1	49	23.12	23.21	23.20		
20	QPSK	1	99	23.06	23.12	23.02		
20	QPSK	50	0	22.29	22.33	22.30	23	1
20	QPSK	50	24	22.28	22.29	22.26		
20	QPSK	50	50	22.24	22.28	22.24		
20	QPSK	100	0	22.22	22.27	22.23		
20	16QAM	1	0	22.42	22.70	22.57	23	1
20	16QAM	1	49	22.41	22.52	22.47		
20	16QAM	1	99	22.38	22.50	22.40		
20	16QAM	50	0	21.19	21.36	21.31	22	2
20	16QAM	50	24	21.25	21.32	21.27		
20	16QAM	50	50	21.21	21.27	21.25		
20	16QAM	100	0	21.25	21.29	21.28		
20	64QAM	1	0	21.27	21.53	21.43	22	2
20	64QAM	1	49	21.36	21.46	21.47		
20	64QAM	1	99	21.24	21.36	21.30		
20	64QAM	50	0	20.22	20.32	20.37	21	3
20	64QAM	50	24	20.30	20.35	20.32		
20	64QAM	50	50	20.21	20.31	20.31		
20	64QAM	100	0	20.26	20.28	20.26		
20	256QAM	1	0	17.99	18.17	18.28	19	5
20	256QAM	1	49	18.17	18.30	18.24		
20	256QAM	1	99	18.08	18.07	18.16		
20	256QAM	50	0	18.14	18.20	18.33	19	5
20	256QAM	50	24	18.23	18.20	18.28		
20	256QAM	50	50	17.99	18.18	18.17		
20	256QAM	100	0	18.20	18.11	18.13		
Channel				132047	132322	132597	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	0	23.04	23.24	23.21	24	0
15	QPSK	1	37	23.09	23.19	23.16		
15	QPSK	1	74	23.01	23.09	23.05		
15	QPSK	36	0	22.14	22.31	22.30	23	1
15	QPSK	36	20	22.21	22.29	22.33		
15	QPSK	36	39	22.16	22.28	22.24		
15	QPSK	75	0	22.19	22.27	22.29		
15	16QAM	1	0	22.43	22.59	22.55	23	1
15	16QAM	1	37	22.38	22.52	22.43		
15	16QAM	1	74	22.41	22.45	22.42		
15	16QAM	36	0	21.14	21.29	21.25	22	2
15	16QAM	36	20	21.27	21.31	21.33		
15	16QAM	36	39	21.21	21.26	21.23		
15	16QAM	75	0	21.24	21.29	21.33		
15	64QAM	1	0	21.32	21.48	21.44	22	2
15	64QAM	1	37	21.29	21.30	21.40		
15	64QAM	1	74	21.29	21.31	21.26		
15	64QAM	36	0	20.15	20.40	20.34	21	3
15	64QAM	36	20	20.26	20.32	20.37		
15	64QAM	36	39	20.22	20.34	20.29		
15	64QAM	75	0	20.24	20.29	20.31		
15	256QAM	1	0	18.09	18.18	18.25	19	5
15	256QAM	1	37	18.17	18.33	18.17		
15	256QAM	1	74	18.08	18.09	18.26		
15	256QAM	36	0	18.10	18.13	18.28	19	5
15	256QAM	36	20	18.14	18.20	18.21		
15	256QAM	36	39	18.01	18.10	18.23		
15	256QAM	75	0	18.13	18.20	18.04		
Channel				132022	132322	132622	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	0	23.15	23.31	23.24	24	0
10	QPSK	1	25	23.13	23.26	23.22		
10	QPSK	1	49	23.08	23.23	23.15		
10	QPSK	25	0	22.30	22.41	22.34	23	1
10	QPSK	25	12	22.33	22.42	22.33		
10	QPSK	25	25	22.30	22.46	22.38		
10	QPSK	50	0	22.30	22.40	22.33		
10	16QAM	1	0	22.59	22.72	22.66	23	1
10	16QAM	1	25	22.54	22.74	22.65		
10	16QAM	1	49	22.55	22.66	22.60		
10	16QAM	25	0	21.34	21.41	21.37	22	2
10	16QAM	25	12	21.35	21.47	21.39		
10	16QAM	25	25	21.33	21.47	21.37		
10	16QAM	50	0	21.35	21.41	21.32		
10	64QAM	1	0	21.43	21.51	21.41	22	2
10	64QAM	1	25	21.30	21.45	21.41		
10	64QAM	1	49	21.40	21.47	21.38		
10	64QAM	25	0	20.39	20.46	20.38	21	3
10	64QAM	25	12	20.38	20.47	20.39		
10	64QAM	25	25	20.36	20.49	20.39		
10	64QAM	50	0	20.39	20.43	20.36		
10	256QAM	1	0	18.10	18.18	18.29	19	5
10	256QAM	1	25	18.12	18.24	18.24		
10	256QAM	1	49	18.09	18.09	18.17		
10	256QAM	25	0	18.15	18.14	18.24	19	5
10	256QAM	25	12	18.23	18.28	18.23		
10	256QAM	25	25	18.00	18.10	18.19		
10	256QAM	50	0	18.12	18.16	18.06		
Channel				131997	132322	132647	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	0	23.17	23.30	23.22	24	0
5	QPSK	1	12	23.14	23.32	23.26		
5	QPSK	1	24	23.12	23.27	23.21		
5	QPSK	12	0	22.25	22.33	22.36	23	1
5	QPSK	12	7	22.26	22.36	22.34		
5	QPSK	12	13	22.23	22.39	22.30		
5	QPSK	25	0	22.27	22.34	22.33		
5	16QAM	1	0	22.62	22.80	22.80	23	1
5	16QAM	1	12	22.67	22.76	22.64		
5	16QAM	1	24	22.55	22.72	22.63		
5	16QAM	12	0	21.30	21.39	21.37	22	2
5	16QAM	12	7	21.30	21.46	21.36		
5	16QAM	12	13	21.32	21.46	21.36		
5	16QAM	25	0	21.29	21.34	21.36		
5	64QAM	1	0	21.39	21.52	21.45	22	2
5	64QAM	1	12	21.37	21.50	21.47		
5	64QAM	1	24	21.38	21.49	21.43		
5	64QAM	12	0	20.31	20.38	20.38	21	3
5	64QAM	12	7	20.37	20.41	20.39		
5	64QAM	12	13	20.32	20.44	20.36		
5	64QAM	25	0	20.28	20.34	20.34		
5	256QAM	1	0	18.08	18.19	18.24	19	5
5	256QAM	1	12	18.12	18.31	18.18		
5	256QAM	1	24	18.07	18.15	18.24		
5	256QAM	12	0	18.09	18.11	18.26	19	5
5	256QAM	12	7	18.17	18.28	18.25		
5	256QAM	12	13	18.02	18.10	18.13		
5	256QAM	25	0	18.14	18.18	18.04		
Channel				131987	132322	132657	Tune-up limit	MPR
Frequency (MHz)				1711.5	1745	1778.5	(dBm)	(dB)
3	QPSK	1	0	23.15	23.26	23.24	24	0
3	QPSK	1	8	23.18	23.31	23.29		
3	QPSK	1	14	23.11	23.25	23.22		
3	QPSK	8	0	22.26	22.33	22.30	23	1
3	QPSK	8	4	22.25	22.43	22.33		
3	QPSK	8	7	22.23	22.38	22.31		
3	QPSK	15	0	22.23	22.33	22.31		
3	16QAM	1	0	22.55	22.75	22.53	23	1
3	16QAM	1	8	22.65	22.79	22.78		
3	16QAM	1	14	22.56	22.63	22.65		
3	16QAM	8	0	21.29	21.40	21.36	22	2
3	16QAM	8	4	21.36	21.49	21.41		
3	16QAM	8	7	21.29	21.41	21.35		
3	16QAM	15	0	21.27	21.33	21.33		
3	64QAM	1	0	21.36	21.47	21.52	22	2
3	64QAM	1	8	21.42	21.57	21.43		
3	64QAM	1	14	21.43	21.59	21.40		
3	64QAM	8	0	20.32	20.33	20.41	21	3
3	64QAM	8	4	20.37	20.54	20.39		
3	64QAM	8	7	20.32	20.49	20.41		
3	64QAM	15	0	20.35	20.42	20.39		
3	256QAM	1	0	18.08	18.14	18.33	19	5
3	256QAM	1	8	18.11	18.25	18.24		
3	256QAM	1	14	18.08	18.09	18.19		
3	256QAM	8	0	18.09	18.22	18.27	19	5
3	256QAM	8	4	18.20	18.18	18.21		
3	256QAM	8	7	18.01	18.07	18.17		
3	256QAM	15	0	18.13	18.19	18.11		
Channel				131979	132322	132665	Tune-up limit	MPR
Frequency (MHz)				1710.7	1745	1779.3	(dBm)	(dB)
1.4	QPSK	1	0	23.12	23.14	23.16	24	0
1.4	QPSK	1	3	23.12	23.24	23.19		
1.4	QPSK	1	5	23.09	23.19	23.19		
1.4	QPSK	3	0	23.06	23.11	23.11		
1.4	QPSK	3	1	23.07	23.23	23.16		
1.4	QPSK	3	3	22.99	23.14	23.11		
1.4	QPSK	6	0	22.21	22.23	22.26	23	1
1.4	16QAM	1	0	22.48	22.74	22.49	23	1
1.4	16QAM	1	3	22.55	22.74	22.68		
1.4	16QAM	1	5	22.49	22.53	22.61		
1.4	16QAM	3	0	22.41	22.64	22.44		
1.4	16QAM	3	1	22.45	22.63	22.64		
1.4	16QAM	3	3	22.45	22.49	22.60		
1.4	16QAM	6	0	21.16	21.26	21.22	22	2
1.4	64QAM	1	0	21.25	21.43	21.51	22	2
1.4	64QAM	1	3	21.32	21.55	21.35		
1.4	64QAM	1	5	21.42	21.53	21.38		
1.4	64QAM	3	0	21.22	21.41	21.44		
1.4	64QAM	3	1	21.24	21.51	21.28		
1.4	64QAM	3	3	21.30	21.41	21.33		
1.4	64QAM	6	0	20.31	20.35	20.28	21	3
1.4	256QAM	1	0	18.02	18.07	18.28	19	5
1.4	256QAM	1	3	18.00	18.17	18.19		
1.4	256QAM	1	5	17.96	17.97	18.08		
1.4	256QAM	3	0	17.97	18.12	18.22		
1.4	256QAM	3	1	18.17	18.13	18.14		
1.4	256QAM	3	3	17.92	18.00	18.13		
1.4	256QAM	6	0	18.01	18.18	18.01	19	5

Band 66_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.22	23.37	23.35	24	0
20	QPSK	1	49	23.21	23.22	23.24		
20	QPSK	1	99	23.17	23.13	22.99		
20	QPSK	50	0	22.33	22.38	22.35	23	1
20	QPSK	50	24	22.30	22.36	22.28		
20	QPSK	50	50	22.29	22.34	22.22		
20	QPSK	100	0	22.28	22.33	22.28		
20	16QAM	1	0	22.33	22.59	22.53	23	1
20	16QAM	1	49	22.40	22.50	22.39		
20	16QAM	1	99	22.37	22.36	22.26		
20	16QAM	50	0	21.12	21.29	21.21	22	2
20	16QAM	50	24	21.23	21.21	21.16		
20	16QAM	50	50	21.19	21.25	21.12		
20	16QAM	100	0	21.20	21.23	21.13		
20	64QAM	1	0	21.16	21.32	21.28	22	2
20	64QAM	1	49	21.38	21.44	21.26		
20	64QAM	1	99	21.18	21.28	21.06		
20	64QAM	50	0	20.14	20.30	20.27	21	3
20	64QAM	50	24	20.24	20.27	20.22		
20	64QAM	50	50	20.20	20.24	20.14		
20	64QAM	100	0	20.21	20.20	20.15		
20	256QAM	1	0	18.01	17.97	17.95	19	5
20	256QAM	1	49	17.96	17.95	18.00		
20	256QAM	1	99	18.00	17.94	17.90		
20	256QAM	50	0	17.99	17.93	17.94	19	5
20	256QAM	50	24	17.92	17.97	17.96		
20	256QAM	50	50	17.93	17.92	17.91		
20	256QAM	100	0	17.91	17.88	17.96		
Channel				132047	132322	132597	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	0	23.03	23.20	23.11	24	0
15	QPSK	1	37	23.05	23.18	23.06		
15	QPSK	1	74	22.98	23.03	22.83		
15	QPSK	36	0	22.02	22.23	22.14	23	1
15	QPSK	36	20	22.15	22.25	22.19		
15	QPSK	36	39	22.11	22.24	22.07		
15	QPSK	75	0	22.16	22.18	22.16		
15	16QAM	1	0	22.33	22.60	22.38	23	1
15	16QAM	1	37	22.30	22.53	22.30		
15	16QAM	1	74	22.37	22.48	22.27		
15	16QAM	36	0	21.07	21.25	21.13	22	2
15	16QAM	36	20	21.19	21.22	21.18		
15	16QAM	36	39	21.16	21.19	21.05		
15	16QAM	75	0	21.15	21.21	21.16		
15	64QAM	1	0	21.11	21.32	21.25	22	2
15	64QAM	1	37	21.35	21.31	21.26		
15	64QAM	1	74	21.29	21.18	21.12		
15	64QAM	36	0	20.12	20.26	20.25	21	3
15	64QAM	36	20	20.19	20.27	20.23		
15	64QAM	36	39	20.17	20.26	20.13		
15	64QAM	75	0	20.16	20.20	20.17		
15	256QAM	1	0	17.99	17.96	17.96	19	5
15	256QAM	1	37	17.98	18.01	17.99		
15	256QAM	1	74	17.91	17.90	17.97		
15	256QAM	36	0	17.91	17.96	17.97	19	5
15	256QAM	36	20	17.90	17.94	17.88		
15	256QAM	36	39	18.01	17.95	17.96		
15	256QAM	75	0	17.97	17.97	17.97		
Channel				132022	132322	132622	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	0	23.12	23.26	23.16	24	0
10	QPSK	1	25	23.10	23.24	23.08		
10	QPSK	1	49	23.04	23.13	22.97		
10	QPSK	25	0	22.24	22.37	22.24	23	1
10	QPSK	25	12	22.28	22.33	22.19		
10	QPSK	25	25	22.25	22.36	22.17		
10	QPSK	50	0	22.25	22.31	22.17		
10	16QAM	1	0	22.42	22.70	22.58	23	1
10	16QAM	1	25	22.49	22.63	22.44		
10	16QAM	1	49	22.54	22.65	22.44		
10	16QAM	25	0	21.27	21.36	21.22	22	2
10	16QAM	25	12	21.28	21.35	21.22		
10	16QAM	25	25	21.30	21.36	21.21		
10	16QAM	50	0	21.28	21.34	21.20		
10	64QAM	1	0	21.34	21.45	21.29	22	2
10	64QAM	1	25	21.23	21.41	21.28		
10	64QAM	1	49	21.39	21.34	21.18		
10	64QAM	25	0	20.31	20.41	20.24	21	3
10	64QAM	25	12	20.31	20.39	20.25		
10	64QAM	25	25	20.30	20.40	20.25		
10	64QAM	50	0	20.28	20.33	20.22		
10	256QAM	1	0	17.99	17.88	17.89	19	5
10	256QAM	1	25	17.95	17.89	17.97		
10	256QAM	1	49	17.90	17.93	17.92		
10	256QAM	25	0	17.91	17.99	17.97	19	5
10	256QAM	25	12	18.00	17.96	17.98		
10	256QAM	25	25	17.93	17.97	17.92		
10	256QAM	50	0	17.98	17.91	17.89		
Channel				131997	132322	132647	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	0	23.12	23.26	23.12	24	0
5	QPSK	1	12	23.11	23.30	23.12		
5	QPSK	1	24	23.12	23.23	23.05		
5	QPSK	12	0	22.23	22.31	22.21	23	1
5	QPSK	12	7	22.22	22.27	22.23		
5	QPSK	12	13	22.20	22.34	22.16		
5	QPSK	25	0	22.22	22.27	22.18		
5	16QAM	1	0	22.52	22.65	22.54	23	1
5	16QAM	1	12	22.62	22.80	22.53		
5	16QAM	1	24	22.55	22.67	22.51		
5	16QAM	12	0	21.29	21.33	21.23	22	2
5	16QAM	12	7	21.25	21.36	21.25		
5	16QAM	12	13	21.28	21.38	21.24		
5	16QAM	25	0	21.21	21.28	21.23		
5	64QAM	1	0	21.36	21.43	21.32	22	2
5	64QAM	1	12	21.25	21.50	21.34		
5	64QAM	1	24	21.38	21.53	21.28		
5	64QAM	12	0	20.25	20.34	20.26	21	3
5	64QAM	12	7	20.32	20.34	20.30		
5	64QAM	12	13	20.22	20.40	20.24		
5	64QAM	25	0	20.19	20.27	20.20		
5	256QAM	1	0	17.97	17.89	17.95	19	5
5	256QAM	1	12	17.99	17.88	17.92		
5	256QAM	1	24	17.99	17.90	18.00		
5	256QAM	12	0	17.98	17.98	17.93	19	5
5	256QAM	12	7	17.88	17.88	18.00		
5	256QAM	12	13	17.96	17.98	17.89		
5	256QAM	25	0	17.90	17.91	17.99		
Channel				131987	132322	132657	Tune-up limit	MPR
Frequency (MHz)				1711.5	1745	1778.5	(dBm)	(dB)
3	QPSK	1	0	23.24	23.15	23.15	24	0
3	QPSK	1	8	23.29	23.24	23.19		
3	QPSK	1	14	23.11	23.15	23.08		
3	QPSK	8	0	22.18	22.27	22.18	23	1
3	QPSK	8	4	22.14	22.13	22.25		
3	QPSK	8	7	22.29	22.27	22.31		
3	QPSK	15	0	22.19	22.21	22.26		
3	16QAM	1	0	22.56	22.58	22.64	23	1
3	16QAM	-13	0	22.76	22.65	22.65		
3	16QAM	-27	0	22.64	22.64	22.58		
3	16QAM	8	0	21.25	21.30	21.28	22	2
3	16QAM	8	4	21.21	21.26	21.35		
3	16QAM	8	7	21.33	21.34	21.37		
3	16QAM	15	0	21.13	21.27	21.16		
3	64QAM	1	0	21.30	21.28	21.38	22	2
3	64QAM	1	8	21.47	21.41	21.40		
3	64QAM	1	14	21.42	21.38	21.41		
3	64QAM	8	0	20.24	20.32	20.25	21	3
3	64QAM	8	4	20.29	20.28	20.27		
3	64QAM	8	7	20.32	20.37	20.36		
3	64QAM	15	0	20.20	20.23	20.22		
3	256QAM	1	0	17.85	17.76	17.78	19	5
3	256QAM	1	8	17.68	17.82	17.69		
3	256QAM	1	14	17.73	17.89	17.75		
3	256QAM	8	0	17.95	17.83	17.80	19	5
3	256QAM	8	4	17.81	17.82	17.87		
3	256QAM	8	7	17.91	17.91	17.78		
3	256QAM	15	0	17.89	17.78	17.82		
Channel				131979	132322	132665	Tune-up limit	MPR
Frequency (MHz)				1710.7	1745	1779.3	(dBm)	(dB)
1.4	QPSK	1	0	23.07	23.07	23.03	24	0
1.4	QPSK	1	3	22.95	23.06	22.98		
1.4	QPSK	1	5	23.03	22.99	23.05		
1.4	QPSK	3	0	23.00	22.95	23.02		
1.4	QPSK	3	1	22.96	23.03	22.99		
1.4	QPSK	3	3	23.05	22.97	23.05		
1.4	QPSK	6	0	22.07	22.12	22.04	23	1
1.4	16QAM	1	0	22.15	22.11	22.17	23	1
1.4	16QAM	1	3	22.15	22.08	22.15		
1.4	16QAM	1	5	22.08	22.08	22.14		
1.4	16QAM	3	0	22.12	22.09	22.13		
1.4	16QAM	3	1	22.06	22.10	22.17		
1.4	16QAM	3	3	22.13	22.07	22.05		
1.4	16QAM	6	0	21.15	21.25	21.14	22	2
1.4	64QAM	1	0	21.12	21.25	21.14	22	2
1.4	64QAM	1	3	21.17	21.21	21.20		
1.4	64QAM	1	5	21.14	21.17	21.18		
1.4	64QAM	3	0	21.26	21.17	21.21		
1.4	64QAM	3	1	21.24	21.21	21.19		
1.4	64QAM	3	3	21.25	21.19	21.21		
1.4	64QAM	6	0	20.03	20.09	20.10	21	3
1.4	256QAM	1	0	17.91	17.94	17.92	19	5
1.4	256QAM	1	3	17.91	17.88	17.88		
1.4	256QAM	1	5	18.00	17.89	17.92		
1.4	256QAM	3	0	18.01	17.92	18.01		
1.4	256QAM	3	1	17.96	17.89	17.94		
1.4	256QAM	3	3	17.91	17.95	17.97		
1.4	256QAM	6	0	17.87	17.98	17.94	19	5

Band 71_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.01	23.23	23.12	24	0
20	QPSK	1	49	22.85	22.98	22.93		
20	QPSK	1	99	22.79	22.92	22.88		
20	QPSK	50	0	22.05	22.10	22.08	23	1
20	QPSK	50	24	21.97	22.02	21.98		
20	QPSK	50	50	21.87	21.93	21.90		
20	QPSK	100	0	21.94	22.05	21.95		
20	16QAM	1	0	22.32	22.37	22.35	23	1
20	16QAM	1	49	22.31	22.33	22.24		
20	16QAM	1	99	22.03	22.09	21.99		
20	16QAM	50	0	20.95	20.99	20.92	22	2
20	16QAM	50	24	20.96	21.01	20.92		
20	16QAM	50	50	20.77	20.90	20.78		
20	16QAM	100	0	21.04	21.07	21.03		
20	64QAM	1	0	21.14	21.26	21.21	22	2
20	64QAM	1	49	21.28	21.31	21.21		
20	64QAM	1	99	21.08	21.19	21.07		
20	64QAM	50	0	19.93	20.03	19.91	21	3
20	64QAM	50	24	19.96	20.03	19.98		
20	64QAM	50	50	19.92	19.95	19.85		
20	64QAM	100	0	19.93	20.06	20.04		
20	256QAM	1	0	18.07	18.12	18.01	19	5
20	256QAM	1	49	18.09	18.18	18.11		
20	256QAM	1	99	18.07	18.13	18.05		
20	256QAM	50	0	18.07	18.15	18.08	19	5
20	256QAM	50	24	17.93	18.05	18.02		
20	256QAM	50	50	18.04	18.10	18.03		
20	256QAM	100	0	17.88	17.96	17.87		
Channel				133197	133297	133397	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	0	22.96	23.19	23.01	24	0
15	QPSK	1	37	22.80	22.97	22.89		
15	QPSK	1	74	22.76	22.80	22.84		
15	QPSK	36	0	21.98	22.01	22.03	23	1
15	QPSK	36	20	21.90	22.01	21.89		
15	QPSK	36	39	21.79	21.91	21.85		
15	QPSK	75	0	21.90	22.02	21.86		
15	16QAM	1	0	22.20	22.27	22.27	23	1
15	16QAM	1	37	22.28	22.29	22.22		
15	16QAM	1	74	21.98	22.03	21.93		
15	16QAM	36	0	20.86	20.92	20.84	22	2
15	16QAM	36	20	20.85	20.91	20.91		
15	16QAM	36	39	20.75	20.79	20.71		
15	16QAM	75	0	21.02	21.00	20.94		
15	64QAM	1	0	21.03	21.20	21.17	22	2
15	64QAM	1	37	21.22	21.26	21.09		
15	64QAM	1	74	20.98	21.15	20.96		
15	64QAM	36	0	19.91	19.94	19.84	21	3
15	64QAM	36	20	19.93	19.96	19.86		
15	64QAM	36	39	19.90	19.91	19.76		
15	64QAM	75	0	19.86	20.01	20.02		
15	256QAM	1	0	18.03	18.11	17.96	19	5
15	256QAM	1	37	18.01	18.08	18.06		
15	256QAM	1	74	18.03	18.08	18.00		
15	256QAM	36	0	18.01	18.05	18.05	19	5
15	256QAM	36	20	17.83	17.94	17.93		
15	256QAM	36	39	18.03	18.05	18.02		
15	256QAM	75	0	17.85	17.87	17.76		
Channel				133172	133297	133422	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	0	22.94	23.11	23.02	24	0
10	QPSK	1	25	22.75	22.88	22.84		
10	QPSK	1	49	22.69	22.86	22.87		
10	QPSK	25	0	21.97	22.09	22.03	23	1
10	QPSK	25	12	21.86	21.90	21.91		
10	QPSK	25	25	21.82	21.91	21.81		
10	QPSK	50	0	21.84	21.97	21.90		
10	16QAM	1	0	22.22	22.26	22.31	23	1
10	16QAM	1	25	22.19	22.21	22.12		
10	16QAM	1	49	21.98	22.00	21.87		
10	16QAM	25	0	20.83	20.87	20.85	22	2
10	16QAM	25	12	20.89	20.94	20.81		
10	16QAM	25	25	20.71	20.83	20.70		
10	16QAM	50	0	20.93	20.99	20.99		
10	64QAM	1	0	21.11	21.17	21.17	22	2
10	64QAM	1	25	21.24	21.28	21.15		
10	64QAM	1	49	21.03	21.15	21.03		
10	64QAM	25	0	19.81	19.98	19.79	21	3
10	64QAM	25	12	19.91	19.97	19.86		
10	64QAM	25	25	19.86	19.86	19.79		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.95	18.05	17.94	19	5
10	256QAM	1	25	18.07	18.09	18.00		
10	256QAM	1	49	17.99	18.11	17.93		
10	256QAM	25	0	17.97	18.14	18.05	19	5
10	256QAM	25	12	17.83	18.01	17.90		
10	256QAM	25	25	17.99	18.01	17.99		
10	256QAM	50	0	17.79	17.90	17.83		
Channel				133147	133297	133447	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	0	22.94	23.17	23.11	24	0
5	QPSK	1	12	22.83	22.91	22.84		
5	QPSK	1	24	22.68	22.86	22.76		
5	QPSK	12	0	21.93	22.00	22.05	23	1
5	QPSK	12	7	21.88	21.97	21.88		
5	QPSK	12	13	21.80	21.81	21.80		
5	QPSK	25	0	21.91	21.98	21.85		
5	16QAM	1	0	22.23	22.34	22.28	23	1
5	16QAM	1	12	22.25	22.23	22.13		
5	16QAM	1	24	22.01	21.99	21.89		
5	16QAM	12	0	20.90	20.87	20.85	22	2
5	16QAM	12	7	20.88	20.97	20.86		
5	16QAM	12	13	20.65	20.79	20.70		
5	16QAM	25	0	21.02	20.98	20.98		
5	64QAM	1	0	21.05	21.25	21.14	22	2
5	64QAM	1	12	21.22	21.30	21.13		
5	64QAM	1	24	21.02	21.14	21.02		
5	64QAM	12	0	19.92	19.99	19.89	21	3
5	64QAM	12	7	19.84	19.92	19.94		
5	64QAM	12	13	19.83	19.87	19.78		
5	64QAM	25	0	19.82	20.00	19.92		
5	256QAM	1	0	17.97	18.06	17.98	19	5
5	256QAM	1	12	18.06	18.06	18.04		
5	256QAM	1	24	18.03	18.10	18.01		
5	256QAM	12	0	18.01	18.12	17.97	19	5
5	256QAM	12	7	17.85	18.04	17.92		
5	256QAM	12	13	17.98	18.04	17.91		
5	256QAM	25	0	17.76	17.94	17.81		

Band 71_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.94	22.99	22.98	24	0
20	QPSK	1	49	22.84	22.88	22.96		
20	QPSK	1	99	22.71	22.83	22.73		
20	QPSK	50	0	21.97	22.03	22.02	23	1
20	QPSK	50	24	21.90	22.00	21.99		
20	QPSK	50	50	21.96	21.94	21.90		
20	QPSK	100	0	21.91	21.94	21.82		
20	16QAM	1	0	22.30	22.25	22.36	23	1
20	16QAM	1	49	22.00	22.09	22.06		
20	16QAM	1	99	22.03	21.96	22.03		
20	16QAM	50	0	20.88	20.91	20.96	22	2
20	16QAM	50	24	20.86	20.94	20.89		
20	16QAM	50	50	20.93	20.86	20.89		
20	16QAM	100	0	20.79	20.79	20.78		
20	64QAM	1	0	21.07	21.09	21.00	22	2
20	64QAM	1	49	21.01	21.02	21.06		
20	64QAM	1	99	21.03	21.08	21.04		
20	64QAM	50	0	19.99	20.02	20.02	21	3
20	64QAM	50	24	20.01	20.03	20.04		
20	64QAM	50	50	20.01	19.97	20.00		
20	64QAM	100	0	19.89	19.91	19.90		
20	256QAM	1	0	17.97	17.97	17.97	19	5
20	256QAM	1	49	17.91	17.86	17.92		
20	256QAM	1	99	17.96	17.91	17.94		
20	256QAM	50	0	17.81	17.72	17.76	19	5
20	256QAM	50	24	17.85	17.74	17.72		
20	256QAM	50	50	17.83	17.77	17.69		
20	256QAM	100	0	17.95	18.00	17.85		
Channel				133197	133297	133397	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	0	22.94	22.96	22.98	24	0
15	QPSK	1	37	22.84	22.88	22.96		
15	QPSK	1	74	22.71	22.83	22.73		
15	QPSK	36	0	21.89	21.98	22.02	23	1
15	QPSK	36	20	21.90	22.00	21.99		
15	QPSK	36	39	21.96	21.94	21.90		
15	QPSK	75	0	21.95	21.84	21.82		
15	16QAM	1	0	22.30	22.25	22.36	23	1
15	16QAM	1	37	22.00	22.09	22.06		
15	16QAM	1	74	22.03	21.96	22.03		
15	16QAM	36	0	20.88	20.91	20.96	22	2
15	16QAM	36	20	20.86	20.94	20.89		
15	16QAM	36	39	20.93	20.86	20.89		
15	16QAM	75	0	20.79	20.79	20.78		
15	64QAM	1	0	21.07	21.09	21.00	22	2
15	64QAM	1	37	21.01	21.02	21.06		
15	64QAM	1	74	21.03	21.08	21.04		
15	64QAM	36	0	19.99	20.02	20.02	21	3
15	64QAM	36	20	20.01	20.03	20.04		
15	64QAM	36	39	20.01	19.97	20.00		
15	64QAM	75	0	19.89	19.91	19.90		
15	256QAM	1	0	17.97	17.97	17.97	19	5
15	256QAM	1	37	17.91	17.86	17.92		
15	256QAM	1	74	17.96	17.91	17.94		
15	256QAM	36	0	17.81	17.72	17.76	19	5
15	256QAM	36	20	17.85	17.74	17.72		
15	256QAM	36	39	17.83	17.77	17.69		
15	256QAM	75	0	17.95	18.00	17.85		
Channel				133172	133297	133422	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	0	22.94	22.96	22.98	24	0
10	QPSK	1	25	22.84	22.88	22.96		
10	QPSK	1	49	22.71	22.83	22.73		
10	QPSK	25	0	21.89	21.98	22.02	23	1
10	QPSK	25	12	21.90	22.00	21.99		
10	QPSK	25	25	21.96	21.94	21.90		
10	QPSK	50	0	21.95	21.84	21.82		
10	16QAM	1	0	22.30	22.25	22.36	23	1
10	16QAM	1	25	22.00	22.09	22.06		
10	16QAM	1	49	22.03	21.96	22.03		
10	16QAM	25	0	20.88	20.91	20.96	22	2
10	16QAM	25	12	20.86	20.94	20.89		
10	16QAM	25	25	20.93	20.86	20.89		
10	16QAM	50	0	20.79	20.79	20.78		
10	64QAM	1	0	21.07	21.09	21.00	22	2
10	64QAM	1	25	21.01	21.02	21.06		
10	64QAM	1	49	21.03	21.08	21.04		
10	64QAM	25	0	19.99	20.02	20.02	21	3
10	64QAM	25	12	20.01	20.03	20.04		
10	64QAM	25	25	20.01	19.97	20.00		
10	64QAM	50	0	19.89	19.91	19.90		
10	256QAM	1	0	17.97	17.97	17.97	19	5
10	256QAM	1	25	17.91	17.86	17.92		
10	256QAM	1	49	17.96	17.91	17.94		
10	256QAM	25	0	17.81	17.72	17.76	19	5
10	256QAM	25	12	17.85	17.74	17.72		
10	256QAM	25	25	17.83	17.77	17.69		
10	256QAM	50	0	17.95	18.00	17.85		
Channel				133147	133297	133447	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	0	22.94	22.96	22.98	24	0
5	QPSK	1	12	22.84	22.88	22.96		
5	QPSK	1	24	22.71	22.83	22.73		
5	QPSK	12	0	21.89	21.98	22.02	23	1
5	QPSK	12	7	21.90	22.00	21.99		
5	QPSK	12	13	21.96	21.94	21.90		
5	QPSK	25	0	21.95	21.84	21.82		
5	16QAM	1	0	22.30	22.25	22.36	23	1
5	16QAM	1	12	22.00	22.09	22.06		
5	16QAM	1	24	22.03	21.96	22.03		
5	16QAM	12	0	20.88	20.91	20.96	22	2
5	16QAM	12	7	20.86	20.94	20.89		
5	16QAM	12	13	20.93	20.86	20.89		
5	16QAM	25	0	20.79	20.79	20.78		
5	64QAM	1	0	21.07	21.09	21.00	22	2
5	64QAM	1	12	21.01	21.02	21.06		
5	64QAM	1	24	21.03	21.08	21.04		
5	64QAM	12	0	19.99	20.02	20.02	21	3
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	20.01	19.97	20.00		
5	64QAM	25	0	19.89	19.91	19.90		
5	256QAM	1	0	17.97	17.97	17.97	19	5
5	256QAM	1	12	17.91	17.86	17.92		
5	256QAM	1	24	17.96	17.91	17.94		
5	256QAM	12	0	17.81	17.72	17.76	19	5
5	256QAM	12	7	17.85	17.74	17.72		
5	256QAM	12	13	17.83	17.77	17.69		
5	256QAM	25	0	17.95	18.00	17.85		

Band 38_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2560	2595	2630		
20	QPSK	1	0	23.13	22.98	23.03	24	0
20	QPSK	1	49	23.09	23.09	23.07		
20	QPSK	1	99	23.12	23.10	23.11		
20	QPSK	50	0	22.23	22.04	22.08	23	1
20	QPSK	50	24	22.21	22.12	22.14		
20	QPSK	50	50	22.16	22.16	22.16		
20	QPSK	100	0	22.17	22.08	22.08		
20	16QAM	1	0	22.08	22.02	22.09	23	1
20	16QAM	1	49	22.07	22.12	22.06		
20	16QAM	1	99	22.15	22.15	22.18		
20	16QAM	50	0	20.97	20.93	20.98	22	2
20	16QAM	50	24	21.11	21.00	21.03		
20	16QAM	50	50	21.07	21.08	21.08		
20	16QAM	100	0	21.04	20.98	20.98		
20	64QAM	1	0	20.72	20.69	20.66	22	2
20	64QAM	1	49	20.82	20.81	20.74		
20	64QAM	1	99	20.81	20.80	20.81		
20	64QAM	50	0	19.99	19.96	19.97	21	3
20	64QAM	50	24	20.11	20.03	20.06		
20	64QAM	50	50	20.07	20.08	20.11		
20	64QAM	100	0	20.04	19.97	19.99		
20	256QAM	1	0	17.85	17.77	17.86	19	5
20	256QAM	1	49	17.99	17.83	17.89		
20	256QAM	1	99	17.92	17.94	18.00		
20	256QAM	50	0	17.78	17.86	17.86	19	5
20	256QAM	50	24	17.97	17.81	17.97		
20	256QAM	50	50	17.91	17.95	17.93		
20	256QAM	100	0	17.91	17.90	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.91	22.88	22.89	24	0
15	QPSK	1	37	22.99	22.95	22.97		
15	QPSK	1	74	22.94	22.99	23.01		
15	QPSK	36	0	21.93	21.93	21.91	23	1
15	QPSK	36	20	22.06	22.00	22.01		
15	QPSK	36	39	22.01	22.04	22.04		
15	QPSK	75	0	22.03	21.93	21.96		
15	16QAM	1	0	22.07	22.07	22.04	23	1
15	16QAM	1	37	22.10	22.09	22.14		
15	16QAM	1	74	22.16	22.16	22.17		
15	16QAM	36	0	20.92	20.92	20.92	22	2
15	16QAM	36	20	21.06	20.97	21.00		
15	16QAM	36	39	21.02	21.00	21.05		
15	16QAM	75	0	21.07	20.97	20.98		
15	64QAM	1	0	20.72	20.71	20.68	22	2
15	64QAM	1	37	20.83	20.80	20.82		
15	64QAM	1	74	20.81	20.79	20.85		
15	64QAM	36	0	19.94	19.93	19.97	21	3
15	64QAM	36	20	20.07	20.00	20.04		
15	64QAM	36	39	20.04	20.03	20.04		
15	64QAM	75	0	20.06	19.95	19.98		
15	256QAM	1	0	17.92	17.85	17.86	19	5
15	256QAM	1	37	17.98	17.88	17.89		
15	256QAM	1	74	17.92	17.99	17.95		
15	256QAM	36	0	17.86	17.79	17.78	19	5
15	256QAM	36	20	17.96	17.86	18.03		
15	256QAM	36	39	17.97	17.98	17.95		
15	256QAM	75	0	17.93	17.94	17.84		
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.06	23.04	23.00	24	0
10	QPSK	1	25	23.04	23.04	23.08		
10	QPSK	1	49	23.05	23.04	23.13		
10	QPSK	25	0	22.16	22.04	22.11	23	1
10	QPSK	25	12	22.14	22.07	22.11		
10	QPSK	25	25	22.13	22.12	22.16		
10	QPSK	50	0	22.15	22.04	22.10		
10	16QAM	1	0	22.15	22.14	22.17	23	1
10	16QAM	1	25	22.15	22.15	22.18		
10	16QAM	1	49	22.12	22.17	22.18		
10	16QAM	25	0	21.16	21.07	21.11	22	2
10	16QAM	25	12	21.19	21.12	21.15		
10	16QAM	25	25	21.17	21.16	21.21		
10	16QAM	50	0	21.16	21.09	21.13		
10	64QAM	1	0	20.95	20.86	20.92	22	2
10	64QAM	1	25	20.96	20.90	20.97		
10	64QAM	1	49	20.90	20.94	20.96		
10	64QAM	25	0	20.23	20.15	20.20	21	3
10	64QAM	25	12	20.26	20.17	20.18		
10	64QAM	25	25	20.22	20.24	20.25		
10	64QAM	50	0	20.17	20.13	20.14		
10	256QAM	1	0	17.81	17.82	17.86	19	5
10	256QAM	1	25	18.00	17.91	17.92		
10	256QAM	1	49	17.93	17.99	18.00		
10	256QAM	25	0	17.76	17.76	17.85	19	5
10	256QAM	25	12	17.97	17.83	17.92		
10	256QAM	25	25	17.97	17.97	17.99		
10	256QAM	50	0	17.93	17.85	17.91		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.09	23.04	23.10	24	0
5	QPSK	1	12	23.01	23.02	23.07		
5	QPSK	1	24	23.02	23.04	23.04		
5	QPSK	12	0	22.14	22.06	22.15	23	1
5	QPSK	12	7	22.16	22.14	22.17		
5	QPSK	12	13	22.13	22.11	22.15		
5	QPSK	25	0	22.13	22.02	22.12		
5	16QAM	1	0	22.26	22.18	22.22	23	1
5	16QAM	1	12	22.15	22.13	22.17		
5	16QAM	1	24	22.22	22.22	22.24		
5	16QAM	12	0	21.12	21.03	21.13	22	2
5	16QAM	12	7	21.10	21.10	21.16		
5	16QAM	12	13	21.09	21.11	21.11		
5	16QAM	25	0	21.17	21.11	21.21		
5	64QAM	1	0	20.93	20.86	20.96	22	2
5	64QAM	1	12	20.98	20.84	20.90		
5	64QAM	1	24	20.98	20.97	20.98		
5	64QAM	12	0	20.18	20.07	20.18	21	3
5	64QAM	12	7	20.24	20.20	20.21		
5	64QAM	12	13	20.15	20.14	20.19		
5	64QAM	25	0	20.19	20.10	20.22		
5	256QAM	1	0	17.88	17.82	17.81	19	5
5	256QAM	1	12	17.97	17.85	17.96		
5	256QAM	1	24	17.93	17.92	17.94		
5	256QAM	12	0	17.80	17.75	17.79	19	5
5	256QAM	12	7	17.90	17.87	17.96		
5	256QAM	12	13	17.97	18.02	17.96		
5	256QAM	25	0	17.93	17.90	17.89		

Band 41_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.09	23.12	23.18	23.24	23.35	24	0
20	QPSK	1	49	23.03	23.04	23.14	23.22	23.28		
20	QPSK	1	99	23.05	23.07	23.15	23.23	23.32		
20	QPSK	50	0	22.15	22.25	22.30	22.35	22.42	23	1
20	QPSK	50	24	22.10	22.17	22.20	22.26	22.41		
20	QPSK	50	50	22.12	22.23	22.24	22.30	22.41		
20	QPSK	100	0	22.22	22.30	22.33	22.35	22.38		
20	16QAM	1	0	21.91	22.01	22.06	22.17	22.20	23	1
20	16QAM	1	49	21.90	21.98	22.01	22.12	22.14		
20	16QAM	1	99	21.92	22.00	22.10	22.19	22.17		
20	16QAM	50	0	20.89	21.00	20.97	21.10	21.15	22	2
20	16QAM	50	24	20.98	21.09	21.08	21.15	21.14		
20	16QAM	50	50	20.99	21.09	21.07	21.17	21.20		
20	16QAM	100	0	20.98	21.09	21.07	21.12	21.10		
20	64QAM	1	0	20.56	20.64	20.68	20.83	20.89	22	2
20	64QAM	1	49	20.64	20.66	20.69	20.85	20.85		
20	64QAM	1	99	20.63	20.71	20.79	20.90	20.90		
20	64QAM	50	0	19.93	20.00	20.00	20.10	20.17	21	3
20	64QAM	50	24	20.05	20.12	20.10	20.13	20.21		
20	64QAM	50	50	19.99	20.08	20.09	20.20	20.21		
20	64QAM	100	0	20.02	20.07	20.09	20.11	20.16		
20	256QAM	1	0	17.99	18.00	18.05	18.02	17.91	19	5
20	256QAM	1	49	17.69	17.76	17.83	17.71	17.71		
20	256QAM	1	99	17.79	17.78	17.81	17.69	17.79		
20	256QAM	50	0	18.09	18.13	18.18	18.09	18.07	19	5
20	256QAM	50	24	18.05	18.11	18.20	18.18	18.09		
20	256QAM	50	50	18.00	18.13	18.14	18.07	17.99		
20	256QAM	100	0	18.11	18.13	18.15	18.03	18.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.78	22.92	22.91	23.01	23.05	24.00	0
15	QPSK	1	37	22.77	22.92	22.84	23.01	23.04		
15	QPSK	1	74	22.83	22.94	22.97	23.02	23.03		
15	QPSK	36	0	21.89	22.00	21.99	22.08	22.15	23	1
15	QPSK	36	20	21.98	22.05	22.05	22.08	22.21		
15	QPSK	36	39	21.93	22.06	22.06	22.14	22.19		
15	QPSK	75	0	21.98	22.07	22.08	22.08	22.21		
15	16QAM	1	0	22.09	22.11	22.03	22.14	22.21	23	1
15	16QAM	1	37	21.95	22.05	22.02	22.13	22.16		
15	16QAM	1	74	21.88	22.13	22.12	22.19	22.24		
15	16QAM	36	0	20.92	20.96	20.97	21.07	21.14	22	2
15	16QAM	36	20	20.99	21.05	21.06	21.07	21.20		
15	16QAM	36	39	20.96	21.03	21.02	21.15	21.17		
15	16QAM	75	0	21.01	21.11	21.10	21.12	21.25		
15	64QAM	1	0	20.89	20.74	20.69	20.82	20.89	22	2
15	64QAM	1	37	20.68	20.78	20.74	20.85	20.91		
15	64QAM	1	74	20.67	20.82	20.79	20.91	20.90		
15	64QAM	36	0	19.90	20.01	19.97	20.13	20.18	21	3
15	64QAM	36	20	19.98	20.08	20.06	20.11	20.24		
15	64QAM	36	39	19.97	20.10	20.06	20.21	20.24		
15	64QAM	75	0	20.03	20.10	20.08	20.11	20.27		
15	256QAM	1	0	17.93	17.83	17.95	17.87	17.79	19	5
15	256QAM	1	37	17.57	17.63	17.78	17.70	17.70		
15	256QAM	1	74	17.61	17.78	17.74	17.55	17.64		
15	256QAM	36	0	18.06	18.04	18.11	18.01	17.93	19	5
15	256QAM	36	20	18.13	17.98	18.09	18.14	18.02		
15	256QAM	36	39	17.95	17.90	18.04	17.97	17.84		
15	256QAM	75	0	17.99	18.04	18.01	17.92	18.13		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.01	23.11	23.03	23.17	23.31	24.00	0
10	QPSK	1	25	22.96	23.08	23.09	23.22	23.26		
10	QPSK	1	49	23.00	23.13	23.10	23.23	23.29		
10	QPSK	25	0	22.07	22.13	22.09	22.23	22.27	23	1
10	QPSK	25	12	22.10	22.19	22.22	22.27	22.32		
10	QPSK	25	25	22.12	22.22	22.23	22.34	22.36		
10	QPSK	50	0	22.13	22.23	22.21	22.36	22.28		
10	16QAM	1	0	22.12	22.21	22.21	22.32	22.44	23	1
10	16QAM	1	25	22.07	22.16	22.16	22.27	22.33		
10	16QAM	1	49	22.11	22.17	22.16	22.33	22.35		
10	16QAM	25	0	21.18	21.09	21.13	21.23	21.31	22	2
10	16QAM	25	12	21.18	21.26	21.23	21.31	21.38		
10	16QAM	25	25	21.15	21.21	21.26	21.35	21.43		
10	16QAM	50	0	21.16	21.20	21.25	21.28	21.30		
10	64QAM	1	0	20.98	20.92	20.89	21.08	21.17	22	2
10	64QAM	1	25	20.96	20.97	20.98	21.08	21.16		
10	64QAM	1	49	20.93	20.94	20.99	21.08	21.14		
10	64QAM	25	0	20.21	20.22	20.18	20.34	20.37	21	3
10	64QAM	25	12	20.25	20.32	20.29	20.35	20.40		
10	64QAM	25	25	20.23	20.31	20.30	20.43	20.43		
10	64QAM	50	0	20.19	20.25	20.23	20.32	20.36		
10	256QAM	1	0	17.89	17.85	17.94	17.92	17.90	19	5
10	256QAM	1	25	17.61	17.57	17.68	17.61	17.60		
10	256QAM	1	49	17.61	17.70	17.74	17.61	17.67		
10	256QAM	25	0	18.07	18.06	18.03	18.04	17.93	19	5
10	256QAM	25	12	18.15	18.03	18.07	18.16	17.97		
10	256QAM	25	25	17.98	17.86	18.03	18.01	17.92		
10	256QAM	50	0	17.91	18.00	18.05	17.95	18.00		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.02	23.02	22.99	23.10	23.23	24.00	0
5	QPSK	1	12	23.14	23.23	23.23	23.32	23.30		
5	QPSK	1	24	22.92	23.06	23.04	23.16	23.26		
5	QPSK	12	0	22.07	22.19	22.16	22.18	22.27	23	1
5	QPSK	12	7	22.12	22.21	22.26	22.32	22.37		
5	QPSK	12	13	22.03	22.16	22.16	22.29	22.32		
5	QPSK	25	0	22.07	22.18	22.15	22.29	22.30		
5	16QAM	1	0	22.16	22.17	22.13	22.25	22.32	23	1
5	16QAM	1	12	22.08	22.17	22.17	22.27	22.37		
5	16QAM	1	24	22.17	22.28	22.24	22.39	22.46		
5	16QAM	12	0	21.09	21.16	21.14	21.17	21.24	22	2
5	16QAM	12	7	21.10	21.17	21.17	21.28	21.33		
5	16QAM	12	13	21.11	21.17	21.18	21.27	21.30		
5	16QAM	25	0	21.15	21.23	21.19	21.31	21.37		
5	64QAM	1	0	20.93	20.80	20.81	20.94	21.04	22	2
5	64QAM	1	12	20.94	21.05	20.89	21.10	21.24		
5	64QAM	1	24	20.92	20.99	21.02	21.05	21.20		
5	64QAM	12	0	20.18	20.22	20.19	20.25	20.33	21	3
5	64QAM	12	7	20.17	20.26	20.25	20.36	20.46		
5	64QAM	12	13	20.15	20.22	20.24	20.35	20.40		
5	64QAM	25	0	20.16	20.26	20.25	20.37	20.39		
5	256QAM	1	0	17.91	17.82	18.04	17.94	17.89	19	5
5	256QAM	1	12	17.56	17.70	17.72	17.56	17.65		
5	256QAM	1	24	17.65	17.73	17.80	17.63	17.70		
5	256QAM	12	0	17.98	17.98	18.03	17.96	17.95	19	5
5	256QAM	12	7	18.04	18.02	18.05	18.09	18.04		
5	256QAM	12	13	17.93	17.95	18.10	17.96	17.95		
5	256QAM	25	0	17.94	18.08	18.09	17.95	18.13		

Band 41_Ant1（HPUE）

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.63	25.75	25.82	25.95	25.98	27	0
20	QPSK	1	49	25.60	25.75	25.82	25.90	25.89		
20	QPSK	1	99	25.68	25.76	25.88	25.90	25.92		
20	QPSK	50	0	24.83	25.01	25.01	25.07	25.20	26	1
20	QPSK	50	24	24.82	24.90	24.98	25.01	25.08		
20	QPSK	50	50	24.82	24.95	24.91	25.01	25.15		
20	QPSK	100	0	24.80	24.94	24.92	25.03	25.15		
20	16QAM	1	0	25.05	25.20	25.25	25.36	25.43	26	1
20	16QAM	1	49	25.06	25.19	25.16	25.30	25.32		
20	16QAM	1	99	25.07	25.24	25.35	25.33	25.37		
20	16QAM	50	0	23.91	24.07	24.05	24.15	24.18	25	2
20	16QAM	50	24	24.01	24.15	24.11	24.12	24.16		
20	16QAM	50	50	24.02	24.13	24.08	24.20	24.25		
20	16QAM	100	0	22.08	22.18	22.17	22.15	22.21		
20	64QAM	1	0	23.83	24.01	24.02	24.15	24.15	25	2
20	64QAM	1	49	23.97	23.96	24.08	24.18	24.22		
20	64QAM	1	99	23.96	24.03	24.19	24.21	24.25		
20	64QAM	50	0	22.94	23.16	23.05	23.12	23.18	24	3
20	64QAM	50	24	23.04	23.17	23.15	23.17	23.17		
20	64QAM	50	50	23.04	23.10	23.17	23.22	23.20		
20	64QAM	100	0	23.10	23.18	23.17	23.16	23.18		
20	256QAM	1	0	20.72	20.73	20.83	20.76	20.82	22	5
20	256QAM	1	49	20.80	20.70	20.70	20.76	20.72		
20	256QAM	1	99	20.78	20.74	20.72	20.79	20.78		
20	256QAM	50	0	20.79	20.75	20.70	20.80	20.81	22	5
20	256QAM	50	24	20.81	20.69	20.71	20.78	20.76		
20	256QAM	50	50	20.70	20.70	20.81	20.78	20.69		
20	256QAM	100	0	20.75	20.70	20.80	20.81	20.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.90	25.86	25.88	25.91	25.87	27.00	0
15	QPSK	1	37	25.84	25.80	25.82	25.81	25.75		
15	QPSK	1	74	25.86	25.95	25.87	25.87	25.84		
15	QPSK	36	0	25.00	25.11	25.00	25.09	25.11	26	1
15	QPSK	36	20	25.02	25.10	25.05	24.99	25.07		
15	QPSK	36	39	25.10	25.17	25.08	25.11	25.12		
15	QPSK	75	0	23.01	23.04	23.09	23.13	23.03		
15	16QAM	1	0	25.34	25.35	25.30	25.28	25.31	26	1
15	16QAM	1	37	25.29	25.18	25.21	25.21	25.17		
15	16QAM	1	74	25.36	25.36	25.22	25.30	25.23		
15	16QAM	36	0	24.17	24.12	24.10	24.06	24.06	25	2
15	16QAM	36	20	24.03	24.15	24.10	24.11	24.07		
15	16QAM	36	39	24.23	24.11	24.20	24.20	24.22		
15	16QAM	75	0	22.06	22.17	22.06	22.15	22.06		
15	64QAM	1	0	24.07	24.02	24.02	24.02	24.07	25	2
15	64QAM	1	37	24.17	24.08	24.15	24.11	24.17		
15	64QAM	1	74	24.14	24.20	24.16	24.24	24.19		
15	64QAM	36	0	23.13	23.16	23.17	23.09	23.16	24	3
15	64QAM	36	20	23.14	23.07	23.12	23.15	23.13		
15	64QAM	36	39	23.13	23.19	23.16	23.18	23.13		
15	64QAM	75	0	23.09	23.17	23.12	23.09	23.11		
15	256QAM	1	0	20.63	20.62	20.68	20.73	20.72	22	5
15	256QAM	1	37	20.67	20.56	20.58	20.61	20.53		
15	256QAM	1	74	20.60	20.63	20.74	20.69	20.72		
15	256QAM	36	0	20.64	20.76	20.71	20.70	20.66	22	5
15	256QAM	36	20	20.71	20.60	20.67	20.60	20.74		
15	256QAM	36	39	20.65	20.53	20.64	20.62	20.67		
15	256QAM	75	0	20.60	20.57	20.55	20.49	20.50		
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.93	25.88	25.85	25.93	25.88	27.00	0
10	QPSK	1	25	25.77	25.77	25.88	25.88	25.88		
10	QPSK	1	49	25.94	25.87	25.91	25.97	25.93		
10	QPSK	25	0	25.05	25.00	24.99	24.99	25.13	26	1
10	QPSK	25	12	24.98	25.06	25.09	25.04	24.99		
10	QPSK	25	25	25.07	25.11	25.04	25.09	25.13		
10	QPSK	50	0	23.13	22.99	23.08	23.01	23.04		
10	16QAM	1	0	25.34	25.40	25.28	25.42	25.39	26	1
10	16QAM	1	25	25.25	25.28	25.23	25.29	25.18		
10	16QAM	1	49	25.23	25.23	25.32	25.25	25.36		
10	16QAM	25	0	24.04	24.03	24.14	24.12	24.14	25	2
10	16QAM	25	12	24.02	24.02	24.06	24.09	24.11		
10	16QAM	25	25	24.21	24.16	24.24	24.16	24.10		
10	16QAM	50	0	22.14	22.06	22.09	22.13	22.06		
10	64QAM	1	0	24.01	24.13	24.07	24.12	24.09	25	2
10	64QAM	1	25	24.12	24.12	24.15	24.19	24.10		
10	64QAM	1	49	24.18	24.11	24.21	24.22	24.13		
10	64QAM	25	0	23.17	23.11	23.10	23.15	23.08	24	3
10	64QAM	25	12	23.09	23.14	23.13	23.14	23.12		
10	64QAM	25	25	23.18	23.15	23.18	23.14	23.19		
10	64QAM	50	0	23.12	23.08	23.10	23.14	23.15		
10	256QAM	1	0	20.68	20.75	20.76	20.73	20.74	22	5
10	256QAM	1	25	20.52	20.62	20.71	20.64	20.57		
10	256QAM	1	49	20.58	20.69	20.71	20.64	20.58		
10	256QAM	25	0	20.68	20.62	20.61	20.76	20.63	22	5
10	256QAM	25	12	20.74	20.63	20.60	20.56	20.68		
10	256QAM	25	25	20.60	20.61	20.59	20.54	20.56		
10	256QAM	50	0	20.64	20.54	20.51	20.62	20.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.88	25.85	25.90	25.95	25.88	27.00	0
5	QPSK	1	12	25.77	25.88	25.80	25.79	25.79		
5	QPSK	1	24	25.85	25.96	25.94	25.89	25.83		
5	QPSK	12	0	25.03	25.02	25.00	25.13	25.02	26	1
5	QPSK	12	7	25.09	25.05	24.98	25.04	25.01		
5	QPSK	12	13	25.07	25.07	25.16	25.10	25.11		
5	QPSK	25	0	23.12	23.04	22.99	23.08	23.11		
5	16QAM	1	0	25.31	25.32	25.34	25.37	25.33	26	1
5	16QAM	1	12	25.27	25.20	25.23	25.22	25.18		
5	16QAM	1	24	25.33	25.24	25.31	25.27	25.35		
5	16QAM	12	0	24.03	24.05	24.15	24.09	24.07	25	2
5	16QAM	12	7	24.08	24.02	24.14	24.10	24.10		
5	16QAM	12	13	24.15	24.21	24.10	24.13	24.15		
5	16QAM	25	0	22.07	22.12	22.13	22.10	22.13		
5	64QAM	1	0	24.08	24.08	24.04	24.11	24.08	25	2
5	64QAM	1	12	24.21	24.07	24.07	24.15	24.17		
5	64QAM	1	24	24.19	24.15	24.15	24.22	24.24		
5	64QAM	12	0	23.13	23.09	23.12	23.17	23.13	24	3
5	64QAM	12	7	23.12	23.15	23.16	23.08	23.12		
5	64QAM	12	13	23.19	23.12	23.18	23.16	23.13		
5	64QAM	25	0	23.11	23.08	23.10	23.17	23.11		
5	256QAM	1	0	20.78	20.62	20.76	20.67	20.81	22	5
5	256QAM	1	12	20.63	20.84	20.58	20.58	20.53		
5	256QAM	1	24	20.59	20.65	20.67	20.62	20.58		
5	256QAM	12	0	20.74	20.75	20.66	20.72	20.76	22	5
5	256QAM	12	7	20.59	20.64	20.63	20.66	20.75		
5	256QAM	12	13	20.55	20.60	20.53	20.50	20.50		
5	256QAM	25	0	20.63	20.49	20.66	20.58	20.66		

Band 48_Ant5_For FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3549	3609	3641	3690		
20	QPSK	1	0	22.25	22.13	22.20	22.14	24	0
20	QPSK	1	49	21.92	21.81	21.87	21.89		
20	QPSK	1	99	22.08	21.94	22.06	22.06		
20	QPSK	50	0	21.30	21.11	21.27	21.25	23	1
20	QPSK	50	24	21.18	21.10	21.12	21.11		
20	QPSK	50	50	21.28	21.11	21.18	21.20		
20	QPSK	100	0	21.17	21.08	21.15	21.13		
20	16QAM	1	0	21.10	20.97	21.07	21.07	23	1
20	16QAM	1	49	21.13	21.03	21.12	21.08		
20	16QAM	1	99	21.21	21.10	21.09	21.15		
20	16QAM	50	0	20.33	20.17	20.26	20.30	22	2
20	16QAM	50	24	20.28	20.11	20.19	20.23		
20	16QAM	50	50	20.28	20.11	20.23	20.20		
20	16QAM	100	0	20.25	20.14	20.13	20.15		
20	64QAM	1	0	19.76	19.64	19.70	19.69	22	2
20	64QAM	1	49	19.82	19.65	19.77	19.72		
20	64QAM	1	99	19.84	19.75	19.76	19.81		
20	64QAM	50	0	19.27	19.18	19.21	19.18	21	3
20	64QAM	50	24	19.28	19.15	19.17	19.16		
20	64QAM	50	50	19.27	19.16	19.22	19.16		
20	64QAM	100	0	19.19	19.11	19.12	19.17		
20	256QAM	1	0	17.11	17.02	16.99	17.01	19	5
20	256QAM	1	49	16.98	16.89	16.87	16.89		
20	256QAM	1	99	17.13	17.02	17.06	17.08		
20	256QAM	50	0	17.34	17.23	17.31	17.31	19	5
20	256QAM	50	24	17.31	17.14	17.21	17.27		
20	256QAM	50	50	17.33	17.20	17.28	17.27		
20	256QAM	100	0	17.34	17.15	17.27	17.29		
Channel				55315	55820	56180	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3547.5	3608	3642	3692.5		
15	QPSK	1	0	22.23	21.85	22.13	21.93	24	0
15	QPSK	1	37	21.82	21.72	21.86	21.85		
15	QPSK	1	74	21.97	21.84	22.00	21.96		
15	QPSK	36	0	21.20	21.00	21.26	21.20	23	1
15	QPSK	36	20	21.12	21.09	21.00	21.05		
15	QPSK	36	39	21.23	21.06	21.07	21.15		
15	QPSK	75	0	21.16	21.04	21.04	21.04		
15	16QAM	1	0	21.03	20.91	20.99	21.06	23	1
15	16QAM	1	37	21.06	20.94	21.08	20.99		
15	16QAM	1	74	21.10	21.06	21.07	21.12		
15	16QAM	36	0	20.27	20.06	20.17	20.26	22	2
15	16QAM	36	20	20.24	20.04	20.13	20.16		
15	16QAM	36	39	20.23	19.99	20.13	20.11		
15	16QAM	75	0	20.17	20.03	20.11	20.05		
15	64QAM	1	0	19.74	19.52	19.67	19.64	22	2
15	64QAM	1	37	19.72	19.53	19.71	19.61		
15	64QAM	1	74	19.82	19.70	19.74	19.76		
15	64QAM	36	0	19.18	19.09	19.13	19.10	21	3
15	64QAM	36	20	19.21	19.12	19.16	19.11		
15	64QAM	36	39	19.23	19.06	19.14	19.09		
15	64QAM	75	0	19.15	19.03	19.05	19.15		
15	256QAM	1	0	17.06	16.97	16.88	16.96	19	5
15	256QAM	1	37	16.87	16.82	16.75	16.80		
15	256QAM	1	74	17.09	16.94	17.02	17.07		
15	256QAM	36	0	17.32	17.19	17.19	17.29	19	5
15	256QAM	36	20	17.26	17.10	17.19	17.16		
15	256QAM	36	39	17.26	17.09	17.25	17.24		
15	256QAM	75	0	17.31	17.10	17.20	17.18		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3545	3607.5	3642.5	3695		
10	QPSK	1	0	22.21	21.88	22.08	21.97	24	0
10	QPSK	1	25	21.88	21.74	21.86	21.83		
10	QPSK	1	49	21.99	21.88	22.01	21.96		
10	QPSK	25	0	21.21	21.10	21.19	21.22	23	1
10	QPSK	25	12	21.13	21.02	21.04	21.09		
10	QPSK	25	25	21.16	20.99	21.17	21.17		
10	QPSK	50	0	21.08	21.00	21.01	21.04		
10	16QAM	1	0	21.03	20.93	20.95	21.02	23	1
10	16QAM	1	25	21.01	20.95	21.08	21.06		
10	16QAM	1	49	21.18	21.08	21.02	21.09		
10	16QAM	25	0	20.26	20.16	20.17	20.26	22	2
10	16QAM	25	12	20.17	20.08	20.15	20.21		
10	16QAM	25	25	20.21	20.00	20.19	20.19		
10	16QAM	50	0	20.15	20.02	20.04	20.09		
10	64QAM	1	0	19.70	19.53	19.64	19.68	22	2
10	64QAM	1	25	19.72	19.58	19.68	19.61		
10	64QAM	1	49	19.75	19.67	19.73	19.71		
10	64QAM	25	0	19.23	19.08	19.11	19.06	21	3
10	64QAM	25	12	19.19	19.06	19.06	19.06		
10	64QAM	25	25	19.19	19.14	19.10	19.05		
10	64QAM	50	0	19.08	19.03	19.00	19.13		
10	256QAM	1	0	17.02	16.91	16.92	16.99	19	5
10	256QAM	1	25	16.97	16.83	16.77	16.86		
10	256QAM	1	49	17.09	16.99	16.94	17.02		
10	256QAM	25	0	17.27	17.15	17.25	17.27	19	5
10	256QAM	25	12	17.30	17.09	17.18	17.24		
10	256QAM	25	25	17.25	17.17	17.21	17.18		
10	256QAM	50	0	17.26	17.09	17.26	17.23		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3542.5	3607	3643	3697.5		
5	QPSK	1	0	22.15	21.91	22.10	21.96	24	0
5	QPSK	1	12	21.87	21.76	21.76	21.79		
5	QPSK	1	24	22.05	21.93	21.97	21.98		
5	QPSK	12	0	21.20	21.03	21.19	21.20	23	1
5	QPSK	12	7	21.13	21.03	21.09	21.06		
5	QPSK	12	13	21.21	21.04	21.08	21.15		
5	QPSK	25	0	21.16	20.96	20.99	21.08		
5	16QAM	1	0	20.99	20.92	20.98	21.06	23	1
5	16QAM	1	12	21.06	20.93	21.03	21.04		
5	16QAM	1	24	21.20	21.01	20.97	21.13		
5	16QAM	12	0	20.30	20.06	20.21	20.23	22	2
5	16QAM	12	7	20.19	20.05	20.09	20.15		
5	16QAM	12	13	20.23	20.03	20.19	20.16		
5	16QAM	25	0	20.16	20.12	20.07	20.13		
5	64QAM	1	0	19.72	19.63	19.63	19.60	22	2
5	64QAM	1	12	19.73	19.56	19.73	19.66		
5	64QAM	1	24	19.74	19.72	19.75	19.76		
5	64QAM	12	0	19.24	19.14	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.03	19.12	19.09		
5	64QAM	12	13	19.18	19.12	19.12	19.15		
5	64QAM	25	0	19.12	19.10	19.05	19.11		
5	256QAM	1	0	17.10	16.99	16.89	16.92	19	5
5	256QAM	1	12	16.89	16.77	16.77	16.78		
5	256QAM	1	24	17.12	16.91	16.94	17.06		
5	256QAM	12	0	17.32	17.18	17.20	17.25	19	5
5	256QAM	12	7	17.21	17.05	17.17	17.16		
5	256QAM	12	13	17.30	17.17	17.19	17.21		
5	256QAM	25	0	17.31	17.06	17.23	17.19		

Reduced Power Mode for DSI 2

<GSM>

GSM850_Ant0	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	128	189	251	Limit	128	189	251	Limit
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	33.08	32.98	32.76	**33.50**	24.08	23.98	23.76	24.50
GPRS 1 Tx slot	32.99	32.96	32.68	**33.50**	23.99	23.96	23.68	24.50
GPRS 2 Tx slots	30.66	30.85	30.59	**31.50**	24.66	24.85	24.59	25.50
GPRS 3 Tx slots	28.46	28.84	28.77	**29.50**	24.20	24.58	24.51	25.24
GPRS 4 Tx slots	26.57	26.40	26.23	**27.50**	23.57	23.40	23.23	24.50
EDGE 1 Tx slot	26.33	26.55	26.48	**27.50**	17.33	17.55	17.48	18.50
EDGE 2 Tx slots	24.61	24.45	24.89	**25.50**	18.61	18.45	18.89	19.50
EDGE 3 Tx slots	22.71	22.51	22.88	**23.50**	18.45	18.25	18.62	19.24
EDGE 4 Tx slots	20.77	20.55	20.79	**21.50**	17.77	17.55	17.79	18.50

GSM850_Ant4	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	128	189	251	Limit	128	189	251	Limit
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	31.48	31.44	31.32	**32.50**	22.48	22.44	22.32	23.50
GPRS 1 Tx slot	31.47	31.37	31.27	**32.50**	22.47	22.37	22.27	23.50
GPRS 2 Tx slots	29.42	29.67	29.26	**30.50**	23.42	23.67	23.26	24.50
GPRS 3 Tx slots	27.32	27.61	27.56	**28.50**	23.06	23.35	23.30	24.24
GPRS 4 Tx slots	25.52	25.17	25.02	**26.50**	22.52	22.17	22.02	23.50
EDGE 1 Tx slot	26.12	26.30	26.13	**27.50**	17.12	17.30	17.13	18.50
EDGE 2 Tx slots	24.23	24.30	24.12	**25.50**	18.23	18.30	18.12	19.50
EDGE 3 Tx slots	22.30	22.50	22.22	**23.50**	18.04	18.24	17.96	19.24
EDGE 4 Tx slots	20.44	20.30	20.33	**21.50**	17.44	17.30	17.33	18.50

GSM1900_Ant0	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	29.96	30.12	30.31	**30.50**	20.96	21.12	21.31	21.50
GPRS 1 Tx slot	29.93	30.09	30.30	**30.50**	20.93	21.09	21.30	21.50
GPRS 2 Tx slots	27.62	27.85	27.91	**28.50**	21.62	21.85	21.91	22.50
GPRS 3 Tx slots	24.96	25.37	25.44	**26.00**	20.70	21.11	21.18	21.74
GPRS 4 Tx slots	23.81	24.03	24.03	**24.50**	20.81	21.03	21.03	21.50
EDGE 1 Tx slot	25.14	25.47	25.72	**26.00**	16.14	16.47	16.72	17.00
EDGE 2 Tx slots	22.77	23.34	23.29	**24.00**	16.77	17.34	17.29	18.00
EDGE 3 Tx slots	21.92	22.37	22.58	**23.50**	17.66	18.11	18.32	19.24
EDGE 4 Tx slots	20.36	20.68	20.62	**21.50**	17.36	17.68	17.62	18.50

GSM1900_Ant4	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	24.92	24.79	24.91	**26.00**	15.92	15.79	15.91	17.00
GPRS 1 Tx slot	24.90	24.78	24.81	**26.00**	15.90	15.78	15.81	17.00
GPRS 2 Tx slots	21.55	21.54	21.56	**23.00**	15.55	15.54	15.56	17.00
GPRS 3 Tx slots	19.71	19.70	19.64	**20.50**	15.45	15.44	15.38	16.24
GPRS 4 Tx slots	17.83	17.71	17.71	**19.50**	14.83	14.71	14.71	16.50
EDGE 1 Tx slot	24.86	24.56	24.54	**25.50**	15.86	15.56	15.54	16.50
EDGE 2 Tx slots	21.32	21.24	21.30	**22.00**	15.32	15.24	15.30	16.00
EDGE 3 Tx slots	19.34	19.27	19.33	**21.00**	15.08	15.01	15.07	16.74
EDGE 4 Tx slots	17.82	17.71	17.72	**19.00**	14.82	14.71	14.72	16.00

<WCDMA>

Band		WCDMA II_Ant0			Tune-up Limit (dBm)	WCDMA IV_Ant0			Tune-up Limit (dBm)	WCDMA V_Ant0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.19	23.24	23.21	**24.00**	23.40	23.45	23.43	**24.00**	23.37	23.42	23.41	**24.00**
3GPP Rel 99	RMC 12.2Kbps	23.27	23.30	23.24	**24.00**	23.44	23.47	23.44	**24.00**	23.39	23.45	23.42	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.41	22.46	22.48	**23.00**	22.27	22.48	22.45	**23.00**	22.20	22.17	22.07	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.42	22.47	22.49	**23.00**	22.34	22.51	22.46	**23.00**	22.19	22.16	22.08	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.92	22.00	21.94	**22.50**	21.81	21.98	21.98	**22.50**	21.72	21.68	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.89	22.01	21.96	**22.50**	21.87	21.97	21.96	**22.50**	21.71	21.67	21.59	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.26	22.33	22.36	**23.00**	22.19	22.45	22.44	**23.00**	22.15	22.03	21.96	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.33	22.41	22.38	**23.00**	22.32	22.46	22.40	**23.00**	22.08	21.99	21.94	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	21.95	21.85	**22.50**	21.74	21.88	21.88	**22.50**	21.56	21.67	21.44	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.81	21.95	21.85	**22.50**	21.86	21.80	21.89	**22.50**	21.54	21.60	21.48	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.32	22.41	22.42	**23.00**	22.15	22.36	22.40	**23.00**	22.12	22.16	22.04	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.35	20.51	20.38	**21.00**	20.14	20.41	20.38	**21.00**	20.13	20.14	20.06	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.28	21.39	21.41	**22.00**	21.15	21.33	21.37	**22.00**	21.14	21.15	21.02	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.31	20.44	20.45	**21.00**	20.13	20.37	20.38	**21.00**	20.13	20.15	20.04	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.30	22.40	22.37	**23.00**	22.12	22.40	22.48	**23.00**	22.10	22.12	22.08	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.66	19.92	19.94	**20.50**	19.56	19.90	19.80	**20.50**	19.61	19.78	19.75	**20.50**

<WCDMA>

Band		WCDMA II_Ant4			Tune-up Limit (dBm)	WCDMA IV_Ant4			Tune-up Limit (dBm)	WCDMA V_Ant4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.69	15.66	15.52	**16.50**	19.09	19.33	19.22	**20.00**	22.00	22.07	22.07	**23.10**
3GPP Rel 99	RMC 12.2Kbps	15.71	15.73	15.53	**16.50**	19.10	19.35	19.24	**20.00**	22.01	22.10	22.08	**23.10**
3GPP Rel 6	HSDPA Subtest-1	14.71	14.65	14.52	**15.50**	18.11	18.33	18.28	**19.00**	21.09	21.15	21.06	**22.10**
3GPP Rel 6	HSDPA Subtest-2	14.69	14.74	14.53	**15.50**	18.10	18.32	18.24	**19.00**	21.10	21.12	21.09	**22.10**
3GPP Rel 6	HSDPA Subtest-3	14.17	14.19	14.07	**15.00**	17.63	17.82	17.74	**18.50**	20.63	20.57	20.52	**21.60**
3GPP Rel 6	HSDPA Subtest-4	14.19	14.24	14.01	**15.00**	17.53	17.88	17.45	**18.50**	20.64	20.45	20.60	**21.60**
3GPP Rel 8	DC-HSDPA Subtest-1	14.55	14.46	14.27	**15.50**	18.07	18.17	18.17	**19.00**	20.84	21.02	20.90	**22.10**
3GPP Rel 8	DC-HSDPA Subtest-2	14.60	14.58	14.40	**15.50**	17.96	18.22	18.19	**19.00**	21.02	21.07	20.99	**22.10**
3GPP Rel 8	DC-HSDPA Subtest-3	13.98	14.01	13.92	**15.00**	17.45	17.63	17.71	**18.50**	20.47	20.38	20.48	**21.60**
3GPP Rel 8	DC-HSDPA Subtest-4	14.17	14.10	13.93	**15.00**	17.37	17.65	17.27	**18.50**	20.46	20.20	20.42	**21.60**
3GPP Rel 6	HSUPA Subtest-1	14.75	14.73	14.66	**15.50**	18.33	18.34	18.37	**19.00**	21.08	21.12	21.07	**22.10**
3GPP Rel 6	HSUPA Subtest-2	12.72	12.55	12.67	**13.50**	16.42	16.41	16.37	**17.00**	19.13	19.07	19.09	**20.10**
3GPP Rel 6	HSUPA Subtest-3	13.57	13.68	13.62	**14.50**	17.27	17.35	17.35	**18.00**	20.11	20.03	20.09	**21.10**
3GPP Rel 6	HSUPA Subtest-4	12.70	12.54	12.54	**13.50**	16.23	16.32	16.32	**17.00**	19.11	19.15	19.11	**20.10**
3GPP Rel 6	HSUPA Subtest-5	14.70	14.60	14.65	**15.50**	18.44	18.30	18.31	**19.00**	21.10	21.10	21.10	**22.10**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.08	11.80	11.82	**13.00**	15.74	15.76	15.65	**16.50**	18.43	18.43	18.38	**19.60**

Band 2_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.13	23.35	22.99	24	0
20	QPSK	1	49	22.85	22.78	22.94		
20	QPSK	1	99	22.94	22.81	22.92		
20	QPSK	50	0	22.03	22.05	22.03	23	1
20	QPSK	50	24	21.88	21.96	22.00		
20	QPSK	50	50	22.00	21.96	22.02		
20	QPSK	100	0	21.94	21.96	21.93		
20	16QAM	1	0	22.23	22.47	22.23	23	1
20	16QAM	1	49	22.46	22.04	22.28		
20	16QAM	1	99	22.39	22.02	22.14		
20	16QAM	50	0	21.01	21.05	21.02	22	2
20	16QAM	50	24	21.02	21.12	21.00		
20	16QAM	50	50	20.94	20.89	20.96		
20	16QAM	100	0	20.98	20.95	20.93		
20	64QAM	1	0	21.51	21.26	21.05	22	2
20	64QAM	1	49	21.35	21.27	21.41		
20	64QAM	1	99	21.06	21.29	21.04		
20	64QAM	50	0	20.03	20.04	19.98	21	3
20	64QAM	50	24	19.94	20.06	20.06		
20	64QAM	50	50	19.94	19.94	20.01		
20	64QAM	100	0	19.97	20.01	19.97		
20	256QAM	1	0	17.88	17.90	17.96	19	5
20	256QAM	1	49	18.03	17.97	17.98		
20	256QAM	1	99	18.02	18.04	18.06		
20	256QAM	50	0	17.90	17.90	17.96	19	5
20	256QAM	50	24	18.00	18.01	17.94		
20	256QAM	50	50	18.06	18.03	17.99		
20	256QAM	100	0	17.97	17.93	17.92		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	22.86	22.91	22.77	24	0
15	QPSK	1	37	22.89	22.95	22.92		
15	QPSK	1	74	22.78	22.87	22.83		
15	QPSK	36	0	21.93	21.96	22.04	23	1
15	QPSK	36	20	22.00	22.00	22.08		
15	QPSK	36	39	21.94	22.01	22.01		
15	QPSK	75	0	21.90	21.98	21.99		
15	16QAM	1	0	22.01	22.13	22.10	23	1
15	16QAM	1	37	22.02	22.12	22.21		
15	16QAM	1	74	22.45	22.37	22.36		
15	16QAM	36	0	20.95	20.89	20.92	22	2
15	16QAM	36	20	20.94	21.01	21.06		
15	16QAM	36	39	20.89	20.99	21.01		
15	16QAM	75	0	20.86	20.97	21.07		
15	64QAM	1	0	21.12	21.28	21.23	22	2
15	64QAM	1	37	21.08	20.89	21.11		
15	64QAM	1	74	21.07	21.26	21.12		
15	64QAM	36	0	19.88	20.01	19.98	21	3
15	64QAM	36	20	20.05	20.07	20.16		
15	64QAM	36	39	20.06	20.01	20.17		
15	64QAM	75	0	19.98	20.08	20.04		
15	256QAM	1	0	17.80	17.84	17.89	19	5
15	256QAM	1	37	17.91	17.91	17.87		
15	256QAM	1	74	17.91	18.03	17.97		
15	256QAM	36	0	17.89	17.89	17.94	19	5
15	256QAM	36	20	17.97	17.99	17.82		
15	256QAM	36	39	17.95	17.92	17.95		
15	256QAM	75	0	17.95	17.88	17.82		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	22.92	22.8	23.32	24	0
10	QPSK	1	25	22.97	23.04	22.91		
10	QPSK	1	49	22.81	22.97	22.97		
10	QPSK	25	0	21.98	22.08	22.15	23	1
10	QPSK	25	12	22	21.98	22.11		
10	QPSK	25	25	21.93	22.05	22.14		
10	QPSK	50	0	21.98	21.98	21.98		
10	16QAM	1	0	21.85	22.15	22.55	23	1
10	16QAM	1	25	21.83	22.09	22.02		
10	16QAM	1	49	22.56	21.87	22.27		
10	16QAM	25	0	21.09	21.06	21.22	22	2
10	16QAM	25	12	21.07	21.04	21.07		
10	16QAM	25	25	20.89	20.96	21.2		
10	16QAM	50	0	20.97	21.12	21.14		
10	64QAM	1	0	21.56	20.84	21.43	22	2
10	64QAM	1	25	21.2	21.1	21.3		
10	64QAM	1	49	21.2	21.35	21.4		
10	64QAM	25	0	20.08	20.21	20.13	21	3
10	64QAM	25	12	20.21	20.31	20.19		
10	64QAM	25	25	20.09	20.02	20.12		
10	64QAM	50	0	20.11	20.22	20.11		
10	256QAM	1	0	17.77	17.87	17.89	19	5
10	256QAM	1	25	17.94	17.96	17.89		
10	256QAM	1	49	17.91	18.03	18.03		
10	256QAM	25	0	17.87	17.87	17.93	19	5
10	256QAM	25	12	17.90	17.92	17.82		
10	256QAM	25	25	18.03	17.91	17.94		
10	256QAM	50	0	17.86	17.90	17.87		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	22.97	23.11	23.08	24	0
5	QPSK	1	12	22.87	22.96	23.03		
5	QPSK	1	24	23.02	23.11	22.94		
5	QPSK	12	0	21.99	22.24	22.19	23	1
5	QPSK	12	7	22.06	22.05	22.21		
5	QPSK	12	13	21.91	22.08	22.02		
5	QPSK	25	0	22.02	22.13	22.16		
5	16QAM	1	0	22.45	22.45	22.34	23	1
5	16QAM	1	12	22.21	22.19	22.95		
5	16QAM	1	24	22.07	22.44	22.62		
5	16QAM	12	0	21.11	21.23	21.3	22	2
5	16QAM	12	7	21.05	21.17	21.25		
5	16QAM	12	13	20.94	21.04	21.07		
5	16QAM	25	0	21.04	21.2	21.15		
5	64QAM	1	0	21.5	21.66	21.49	22	2
5	64QAM	1	12	21.44	21.41	21.39		
5	64QAM	1	24	21.44	21.2	21.36		
5	64QAM	12	0	20.25	20.29	20.28	21	3
5	64QAM	12	7	20.24	20.1	20.42		
5	64QAM	12	13	20.09	20.08	20.41		
5	64QAM	25	0	20.07	20.15	20		
5	256QAM	1	0	17.76	17.78	17.94	19	5
5	256QAM	1	12	17.95	17.92	17.95		
5	256QAM	1	24	17.90	18.03	18.02		
5	256QAM	12	0	17.88	17.81	17.95	19	5
5	256QAM	12	7	17.88	17.98	17.88		
5	256QAM	12	13	17.94	18.02	17.87		
5	256QAM	25	0	17.93	17.85	17.80		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	23.14	23.15	23.09	24	0
3	QPSK	1	8	23.08	23.18	23.11		
3	QPSK	1	14	22.95	23.03	22.85		
3	QPSK	8	0	22.01	22.20	22.09	23	1
3	QPSK	8	4	22.08	22.14	22.22		
3	QPSK	8	7	21.99	22.12	22.04		
3	QPSK	15	0	22.07	22.10	22.12		
3	16QAM	1	0	22.41	22.84	22.71	23	1
3	16QAM	1	8	22.72	22.70	22.76		
3	16QAM	1	14	22.43	22.37	22.53		
3	16QAM	8	0	21.20	21.30	21.21	22	2
3	16QAM	8	4	21.16	21.25	21.26		
3	16QAM	8	7	21.27	21.15	21.20		
3	16QAM	15	0	21.15	21.22	21.22		
3	64QAM	1	0	21.28	20.99	21.43	22	2
3	64QAM	1	8	21.20	21.49	21.42		
3	64QAM	1	14	21.01	21.33	21.38		
3	64QAM	8	0	20.27	20.13	20.35	21	3
3	64QAM	8	4	20.42	20.19	20.06		
3	64QAM	8	7	20.00	20.19	20.21		
3	64QAM	15	0	20.27	20.22	20.22		
3	256QAM	1	0	17.79	17.83	17.87	19	5
3	256QAM	1	8	17.93	17.96	17.91		
3	256QAM	1	14	17.92	18.00	17.95		
3	256QAM	8	0	17.84	17.86	17.94	19	5
3	256QAM	8	4	17.90	18.00	17.83		
3	256QAM	8	7	18.05	17.92	17.92		
3	256QAM	15	0	17.90	17.91	17.91		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	23.07	23.06	23.08	24	0
1.4	QPSK	1	3	22.97	23.09	23.03		
1.4	QPSK	1	5	22.91	23.00	22.73		
1.4	QPSK	3	0	23.00	23.04	23.02		
1.4	QPSK	3	1	22.93	22.97	22.99		
1.4	QPSK	3	3	22.87	22.99	22.63		
1.4	QPSK	6	0	21.96	22.01	22.10	23	1
1.4	16QAM	1	0	22.40	22.78	22.65	23	1
1.4	16QAM	1	3	22.63	22.69	22.69		
1.4	16QAM	1	5	22.37	22.25	22.49		
1.4	16QAM	3	0	22.30	22.67	22.64		
1.4	16QAM	3	1	22.54	22.60	22.67		
1.4	16QAM	3	3	22.28	22.23	22.43		
1.4	16QAM	6	0	21.12	21.21	21.14	22	2
1.4	64QAM	1	0	21.16	20.96	21.31	22	2
1.4	64QAM	1	3	21.12	21.37	21.39		
1.4	64QAM	1	5	20.89	21.23	21.26		
1.4	64QAM	3	0	21.10	20.92	21.27		
1.4	64QAM	3	1	21.10	21.34	21.27		
1.4	64QAM	3	3	20.83	21.16	21.18		
1.4	64QAM	6	0	20.21	20.14	20.12	21	3
1.4	256QAM	1	0	17.73	17.76	17.80	19	5
1.4	256QAM	1	3	17.92	17.91	17.85		
1.4	256QAM	1	5	17.87	17.88	17.88		
1.4	256QAM	3	0	17.78	17.76	17.93		
1.4	256QAM	3	1	17.87	17.91	17.78		
1.4	256QAM	3	3	18.01	17.81	17.89		
1.4	256QAM	6	0	17.87	17.86	17.87	19	5

Band 2_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.31	15.46	15.37	17	0
20	QPSK	1	49	15.29	15.27	15.27		
20	QPSK	1	99	15.19	15.17	14.99		
20	QPSK	50	0	15.22	15.40	15.32	17	0
20	QPSK	50	24	15.12	15.27	15.09		
20	QPSK	50	50	15.16	15.20	15.06		
20	QPSK	100	0	15.24	15.37	15.03		
20	16QAM	1	0	14.87	15.30	14.88	17	0
20	16QAM	1	49	15.27	15.25	15.15		
20	16QAM	1	99	15.10	15.04	14.80		
20	16QAM	50	0	15.00	15.38	15.08	17	0
20	16QAM	50	24	15.02	15.20	14.91		
20	16QAM	50	50	15.09	15.15	15.02		
20	16QAM	100	0	15.04	15.28	14.84		
20	64QAM	1	0	14.83	15.14	14.82	17	0
20	64QAM	1	49	15.13	15.11	15.15		
20	64QAM	1	99	15.13	15.02	14.90		
20	64QAM	50	0	15.04	15.27	15.05	17	0
20	64QAM	50	24	14.92	15.21	15.06		
20	64QAM	50	50	14.97	15.10	14.99		
20	64QAM	100	0	15.20	15.22	14.92		
20	256QAM	1	0	14.85	15.20	14.86	17	0
20	256QAM	1	49	15.12	15.13	15.15		
20	256QAM	1	99	15.01	15.07	14.89		
20	256QAM	50	0	14.92	15.40	15.05	17	0
20	256QAM	50	24	15.07	15.11	14.94		
20	256QAM	50	50	15.02	15.10	14.98		
20	256QAM	100	0	15.12	15.31	14.91		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	14.88	15.28	14.94	17	0
15	QPSK	1	37	15.24	15.12	15.20		
15	QPSK	1	74	15.15	14.97	14.83		
15	QPSK	36	0	14.98	15.36	14.95	17	0
15	QPSK	36	20	14.99	15.17	14.89		
15	QPSK	36	39	15.08	15.11	14.89		
15	QPSK	75	0	15.06	15.35	14.86		
15	16QAM	1	0	14.82	15.30	14.81	17	0
15	16QAM	1	37	15.11	15.10	15.00		
15	16QAM	1	74	14.92	14.96	14.71		
15	16QAM	36	0	14.80	15.28	15.08	17	0
15	16QAM	36	20	14.89	15.02	14.90		
15	16QAM	36	39	14.96	15.12	14.97		
15	16QAM	75	0	14.94	15.24	14.83		
15	64QAM	1	0	14.83	15.08	14.62	17	0
15	64QAM	1	37	14.93	14.95	14.98		
15	64QAM	1	74	14.95	14.93	14.77		
15	64QAM	36	0	15.04	15.11	14.86	17	0
15	64QAM	36	20	14.86	15.15	14.92		
15	64QAM	36	39	14.77	15.10	14.83		
15	64QAM	75	0	15.13	15.05	14.79		
15	256QAM	1	0	14.82	15.08	14.83	17	0
15	256QAM	1	37	14.95	15.09	15.01		
15	256QAM	1	74	14.90	14.97	14.79		
15	256QAM	36	0	14.90	15.30	15.00	17	0
15	256QAM	36	20	14.90	15.11	14.82		
15	256QAM	36	39	14.89	15.02	14.95		
15	256QAM	75	0	15.01	15.29	14.82		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	14.77	15.13	14.96	17	0
10	QPSK	1	25	15.09	15.21	15.07		
10	QPSK	1	49	15.15	15.00	14.95		
10	QPSK	25	0	14.95	15.38	15.10	17	0
10	QPSK	25	12	14.95	15.23	14.99		
10	QPSK	25	25	15.16	15.19	14.90		
10	QPSK	50	0	15.09	15.17	14.89		
10	16QAM	1	0	14.76	15.18	14.76	17	0
10	16QAM	1	25	15.07	15.18	15.02		
10	16QAM	1	49	15.03	14.85	14.65		
10	16QAM	25	0	14.93	15.29	14.93	17	0
10	16QAM	25	12	14.89	15.16	14.88		
10	16QAM	25	25	15.09	15.00	14.87		
10	16QAM	50	0	15.04	15.26	14.75		
10	64QAM	1	0	14.67	15.10	14.66	17	0
10	64QAM	1	25	15.12	15.11	15.08		
10	64QAM	1	49	14.93	14.89	14.76		
10	64QAM	25	0	14.88	15.26	14.97	17	0
10	64QAM	25	12	14.80	15.06	14.92		
10	64QAM	25	25	14.96	15.06	14.84		
10	64QAM	50	0	15.18	15.05	14.80		
10	256QAM	1	0	14.80	15.03	14.84	17	0
10	256QAM	1	25	15.02	15.12	15.02		
10	256QAM	1	49	14.88	14.90	14.89		
10	256QAM	25	0	14.76	15.20	14.93	17	0
10	256QAM	25	12	15.02	15.11	14.88		
10	256QAM	25	25	14.84	15.06	14.89		
10	256QAM	50	0	15.12	15.29	14.81		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	14.85	15.27	14.78	17	0
5	QPSK	1	12	15.23	15.13	15.26		
5	QPSK	1	24	15.18	15.17	14.85		
5	QPSK	12	0	15.12	15.26	14.98	17	0
5	QPSK	12	7	15.10	15.13	14.89		
5	QPSK	12	13	15.10	15.01	15.02		
5	QPSK	25	0	15.05	15.37	14.84		
5	16QAM	1	0	14.67	15.10	14.75	17	0
5	16QAM	1	12	15.18	15.12	14.97		
5	16QAM	1	24	14.93	15.01	14.69		
5	16QAM	12	0	14.85	15.31	15.05	17	0
5	16QAM	12	7	14.89	15.04	14.87		
5	16QAM	12	13	14.92	15.01	14.86		
5	16QAM	25	0	14.88	15.14	14.69		
5	64QAM	1	0	14.75	14.94	14.66	17	0
5	64QAM	1	12	14.96	15.04	15.05		
5	64QAM	1	24	14.97	14.98	14.72		
5	64QAM	12	0	14.90	15.21	14.94	17	0
5	64QAM	12	7	14.84	15.20	14.96		
5	64QAM	12	13	14.80	14.96	14.94		
5	64QAM	25	0	15.14	15.05	14.84		
5	256QAM	1	0	14.81	15.01	14.74	17	0
5	256QAM	1	12	15.09	14.97	15.00		
5	256QAM	1	24	14.89	15.02	14.70		
5	256QAM	12	0	14.91	15.34	15.05	17	0
5	256QAM	12	7	15.01	14.97	14.86		
5	256QAM	12	13	14.90	15.07	14.93		
5	256QAM	25	0	15.08	15.24	14.80		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	14.86	15.30	14.91	17	0
3	QPSK	1	8	15.16	15.12	15.13		
3	QPSK	1	14	15.11	15.05	14.99		
3	QPSK	8	0	15.00	15.40	14.92	17	0
3	QPSK	8	4	15.09	15.21	14.96		
3	QPSK	8	7	15.09	15.02	15.02		
3	QPSK	15	0	15.18	15.25	14.87		
3	16QAM	1	0	14.81	15.20	14.79	17	0
3	16QAM	1	8	15.15	15.24	14.99		
3	16QAM	1	14	15.03	14.98	14.71		
3	16QAM	8	0	14.81	15.35	14.94	17	0
3	16QAM	8	4	14.83	15.00	14.77		
3	16QAM	8	7	14.90	15.12	14.99		
3	16QAM	15	0	14.84	15.14	14.64		
3	64QAM	1	0	14.64	14.95	14.71	17	0
3	64QAM	1	8	15.09	15.00	15.12		
3	64QAM	1	14	14.96	15.00	14.89		
3	64QAM	8	0	15.04	15.09	14.93	17	0
3	64QAM	8	4	14.89	15.02	14.99		
3	64QAM	8	7	14.92	14.98	14.83		
3	64QAM	15	0	15.09	15.08	14.85		
3	256QAM	1	0	14.74	15.08	14.81	17	0
3	256QAM	1	8	15.00	14.95	14.95		
3	256QAM	1	14	14.99	15.02	14.84		
3	256QAM	8	0	14.84	15.27	14.94	17	0
3	256QAM	8	4	14.90	15.07	14.76		
3	256QAM	8	7	14.90	15.06	14.89		
3	256QAM	15	0	14.97	15.12	14.72		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	14.90	15.24	14.93	17	0
1.4	QPSK	1	3	15.16	15.23	15.23		
1.4	QPSK	1	5	15.01	15.17	14.81		
1.4	QPSK	3	0	14.92	15.25	15.11		
1.4	QPSK	3	1	15.04	15.10	14.96		
1.4	QPSK	3	3	15.08	15.15	14.95		
1.4	QPSK	6	0	15.06	15.34	14.90	17	0
1.4	16QAM	1	0	14.72	15.16	14.87	17	0
1.4	16QAM	1	3	15.26	15.05	15.09		
1.4	16QAM	1	5	14.96	15.02	14.60		
1.4	16QAM	3	0	14.89	15.20	14.96		
1.4	16QAM	3	1	14.95	15.20	14.74		
1.4	16QAM	3	3	15.08	15.12	14.88		
1.4	16QAM	6	0	15.03	15.16	14.74	17	0
1.4	64QAM	1	0	14.80	15.04	14.71	17	0
1.4	64QAM	1	3	15.11	15.07	14.96		
1.4	64QAM	1	5	14.97	14.87	14.81		
1.4	64QAM	3	0	14.98	15.23	14.86		
1.4	64QAM	3	1	14.74	15.04	14.90		
1.4	64QAM	3	3	14.83	14.90	14.79		
1.4	64QAM	6	0	15.01	15.14	14.83	17	0
1.4	256QAM	1	0	14.79	15.05	14.82	17	0
1.4	256QAM	1	3	14.98	15.07	14.97		
1.4	256QAM	1	5	15.00	15.02	14.88		
1.4	256QAM	3	0	14.73	15.29	15.02		
1.4	256QAM	3	1	15.04	15.02	14.83		
1.4	256QAM	3	3	14.88	15.04	14.87		
1.4	256QAM	6	0	14.96	15.23	14.80	17	0

Band 4_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.15	23.33	23.02	24	0
20	QPSK	1	49	23.04	23.12	23.01		
20	QPSK	1	99	22.87	22.88	22.79		
20	QPSK	50	0	22.08	22.15	22.13	23	1
20	QPSK	50	24	22.04	22.08	22.11		
20	QPSK	50	50	22.07	22.10	22.12		
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	0	22.09	22.53	22.55	23	1
20	16QAM	1	49	22.13	22.48	22.23		
20	16QAM	1	99	22.19	22.21	22.07		
20	16QAM	50	0	21.02	21.16	21.13	22	2
20	16QAM	50	24	21.12	21.11	21.17		
20	16QAM	50	50	21.05	21.06	21.10		
20	16QAM	100	0	21.04	21.06	21.11		
20	64QAM	1	0	21.19	21.31	21.07	22	2
20	64QAM	1	49	21.34	21.48	21.08		
20	64QAM	1	99	21.48	21.26	21.10		
20	64QAM	50	0	20.03	20.13	20.27	21	3
20	64QAM	50	24	20.15	20.01	20.37		
20	64QAM	50	50	20.00	20.16	20.27		
20	64QAM	100	0	20.04	20.07	20.00		
20	256QAM	1	0	17.91	17.95	18.09	19	5
20	256QAM	1	49	17.96	17.89	18.30		
20	256QAM	1	99	17.90	18.05	18.13		
20	256QAM	50	0	17.96	18.03	18.14	19	5
20	256QAM	50	24	17.97	17.85	18.32		
20	256QAM	50	50	17.88	18.08	18.18		
20	256QAM	100	0	17.83	17.92	17.81		
Channel				20025	20175	20325	Tune-up limit	MPR
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)	(dB)
15	QPSK	1	0	22.90	23.19	23.08	24	0
15	QPSK	1	37	22.78	22.99	23.06		
15	QPSK	1	74	22.85	22.95	22.98		
15	QPSK	36	0	21.90	22.10	22.21	23	1
15	QPSK	36	20	22.06	22.24	22.18		
15	QPSK	36	39	22.02	22.09	22.07		
15	QPSK	75	0	22.07	22.00	22.13		
15	16QAM	1	0	22.20	22.32	22.28	23	1
15	16QAM	1	37	22.04	22.51	22.25		
15	16QAM	1	74	22.27	22.32	22.02		
15	16QAM	36	0	20.88	21.01	21.09	22	2
15	16QAM	36	20	21.04	21.13	21.23		
15	16QAM	36	39	20.93	21.13	21.14		
15	16QAM	75	0	21.12	21.00	21.07		
15	64QAM	1	0	21.31	21.25	21.21	22	2
15	64QAM	1	37	21.36	21.65	21.68		
15	64QAM	1	74	21.52	21.43	21.53		
15	64QAM	36	0	20.06	20.24	20.21	21	3
15	64QAM	36	20	20.13	20.15	20.21		
15	64QAM	36	39	20.00	20.24	20.11		
15	64QAM	75	0	20.15	20.04	20.20		
15	256QAM	1	0	17.84	17.94	18.15	19	5
15	256QAM	1	37	17.96	17.86	18.24		
15	256QAM	1	74	17.91	17.96	18.19		
15	256QAM	36	0	17.86	18.07	18.09	19	5
15	256QAM	36	20	18.02	17.87	18.28		
15	256QAM	36	39	17.96	18.07	18.16		
15	256QAM	75	0	17.84	17.88	17.90		
Channel				20000	20175	20350	Tune-up limit	MPR
Frequency (MHz)				1715	1732.5	1750	(dBm)	(dB)
10	QPSK	1	0	22.99	23.11	23.23	24	0
10	QPSK	1	25	22.98	22.97	23.18		
10	QPSK	1	49	23.03	22.89	23.15		
10	QPSK	25	0	22.15	22.26	22.26	23	1
10	QPSK	25	12	22.06	22.25	22.28		
10	QPSK	25	25	22.16	22.24	22.24		
10	QPSK	50	0	22.24	22.14	22.34		
10	16QAM	1	0	22.37	22.30	22.64	23	1
10	16QAM	1	25	22.22	22.68	22.67		
10	16QAM	1	49	22.46	22.36	22.53		
10	16QAM	25	0	21.11	21.16	21.26	22	2
10	16QAM	25	12	21.16	21.13	21.10		
10	16QAM	25	25	21.02	21.27	21.27		
10	16QAM	50	0	21.08	21.20	21.33		
10	64QAM	1	0	21.16	20.99	21.00	22	2
10	64QAM	1	25	21.13	21.40	21.48		
10	64QAM	1	49	21.44	21.21	21.42		
10	64QAM	25	0	20.23	20.30	20.33	21	3
10	64QAM	25	12	20.13	20.22	20.28		
10	64QAM	25	25	20.21	20.38	20.39		
10	64QAM	50	0	20.20	20.24	20.34		
10	256QAM	1	0	17.91	17.96	18.09	19	5
10	256QAM	1	25	17.97	17.90	18.30		
10	256QAM	1	49	17.94	18.03	18.19		
10	256QAM	25	0	17.93	18.04	18.05	19	5
10	256QAM	25	12	18.00	17.83	18.27		
10	256QAM	25	25	17.97	18.07	18.16		
10	256QAM	50	0	17.83	17.92	17.88		
Channel				19975	20175	20375	Tune-up limit	MPR
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)	(dB)
5	QPSK	1	0	23.05	23.18	23.26	24	0
5	QPSK	1	12	23.04	23.01	23.18		
5	QPSK	1	24	23.12	23.20	23.13		
5	QPSK	12	0	22.03	22.13	22.32	23	1
5	QPSK	12	7	22.06	22.23	22.27		
5	QPSK	12	13	22.15	22.21	22.25		
5	QPSK	25	0	22.13	22.10	22.28		
5	16QAM	1	0	22.32	22.79	22.57	23	1
5	16QAM	1	12	22.54	22.66	22.30		
5	16QAM	1	24	22.31	22.80	22.66		
5	16QAM	12	0	21.09	21.30	21.42	22	2
5	16QAM	12	7	21.22	21.31	21.53		
5	16QAM	12	13	21.27	21.19	21.41		
5	16QAM	25	0	21.16	21.30	21.30		
5	64QAM	1	0	21.35	21.14	21.47	22	2
5	64QAM	1	12	21.27	21.08	21.34		
5	64QAM	1	24	21.40	21.49	21.57		
5	64QAM	12	0	20.17	20.31	20.34	21	3
5	64QAM	12	7	20.18	20.29	20.43		
5	64QAM	12	13	19.95	20.07	20.29		
5	64QAM	25	0	20.18	20.13	20.36		
5	256QAM	1	0	17.86	18.03	18.15	19	5
5	256QAM	1	12	17.94	17.85	18.29		
5	256QAM	1	24	17.94	18.06	18.14		
5	256QAM	12	0	17.92	18.06	18.06	19	5
5	256QAM	12	7	18.02	17.81	18.32		
5	256QAM	12	13	17.96	18.09	18.19		
5	256QAM	25	0	17.88	17.95	17.84		
Channel				19965	20175	20385	Tune-up limit	MPR
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)	(dB)
3	QPSK	1	0	23.00	21.15	23.20	24	0
3	QPSK	1	8	22.92	22.98	23.08		
3	QPSK	1	14	23.06	23.12	23.05		
3	QPSK	8	0	21.99	22.01	22.24	23	1
3	QPSK	8	4	21.97	22.21	22.20		
3	QPSK	8	7	22.12	22.13	22.14		
3	QPSK	15	0	22.12	21.98	22.25		
3	16QAM	1	0	22.25	22.71	22.48	23	1
3	16QAM	1	8	22.48	22.55	22.22		
3	16QAM	1	14	22.28	22.79	22.65		
3	16QAM	8	0	20.98	21.27	21.34	22	2
3	16QAM	8	4	21.21	21.21	21.52		
3	16QAM	8	7	21.16	21.18	21.32		
3	16QAM	15	0	21.04	21.23	21.28		
3	64QAM	1	0	21.23	21.03	21.39	22	2
3	64QAM	1	8	21.19	21.07	21.27		
3	64QAM	1	14	21.34	21.40	21.45		
3	64QAM	8	0	20.09	20.20	20.33	21	3
3	64QAM	8	4	20.12	20.21	20.35		
3	64QAM	8	7	19.94	20.03	20.27		
3	64QAM	15	0	20.14	20.09	20.34		
3	256QAM	1	0	17.85	17.92	18.14	19	5
3	256QAM	1	8	17.86	17.79	18.28		
3	256QAM	1	14	17.92	17.98	18.11		
3	256QAM	8	0	17.90	18.00	18.00	19	5
3	256QAM	8	4	17.92	17.75	18.23		
3	256QAM	8	7	17.94	17.97	18.08		
3	256QAM	15	0	17.85	17.94	17.75		
Channel				19957	20175	20393	Tune-up limit	MPR
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)	(dB)
1.4	QPSK	1	0	22.95	23.30	23.21	24	0
1.4	QPSK	1	3	22.99	22.99	23.15		
1.4	QPSK	1	5	23.06	23.09	23.11		
1.4	QPSK	3	0	22.88	23.24	23.14		
1.4	QPSK	3	1	22.97	22.89	23.03		
1.4	QPSK	3	3	22.96	22.99	23.05		
1.4	QPSK	6	0	22.01	21.98	22.26	23	1
1.4	16QAM	1	0	22.24	22.68	22.56	23	1
1.4	16QAM	1	3	22.52	22.63	22.21		
1.4	16QAM	1	5	22.27	22.69	22.65		
1.4	16QAM	3	0	22.17	22.66	22.52		
1.4	16QAM	3	1	22.47	22.62	22.19		
1.4	16QAM	3	3	22.16	22.63	22.60		
1.4	16QAM	6	0	21.15	21.27	21.20	22	2
1.4	64QAM	1	0	21.30	21.13	21.36	22	2
1.4	64QAM	1	3	21.15	21.05	21.27		
1.4	64QAM	1	5	21.33	21.42	21.48		
1.4	64QAM	3	0	21.19	21.11	21.31		
1.4	64QAM	3	1	21.11	20.96	21.19		
1.4	64QAM	3	3	21.21	21.34	21.41		
1.4	64QAM	6	0	20.10	20.12	20.34	21	3
1.4	256QAM	1	0	17.79	17.92	18.10	19	5
1.4	256QAM	1	3	17.84	17.82	18.23		
1.4	256QAM	1	5	17.93	18.03	18.09		
1.4	256QAM	3	0	17.87	17.97	17.99		
1.4	256QAM	3	1	17.93	17.69	18.31		
1.4	256QAM	3	3	17.94	17.98	18.08		
1.4	256QAM	6	0	17.82	17.90	17.74	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.41	19.45	19.37	20	0
20	QPSK	1	49	19.24	19.04	19.09		
20	QPSK	1	99	19.20	18.99	19.15		
20	QPSK	50	0	19.12	19.32	19.20	20	0
20	QPSK	50	24	19.12	19.21	19.13		
20	QPSK	50	50	19.26	19.26	19.27		
20	QPSK	100	0	19.21	19.22	19.15		
20	16QAM	1	0	19.23	19.31	19.19	20	0
20	16QAM	1	49	19.10	19.03	19.08		
20	16QAM	1	99	19.02	18.89	19.04		
20	16QAM	50	0	19.35	19.37	19.14	20	0
20	16QAM	50	24	19.28	19.32	19.16		
20	16QAM	50	50	19.17	19.21	19.23		
20	16QAM	100	0	19.13	19.18	19.07		
20	64QAM	1	0	19.30	19.26	19.17	20	0
20	64QAM	1	49	19.14	18.97	19.08		
20	64QAM	1	99	19.18	18.85	18.98		
20	64QAM	50	0	19.32	19.26	19.30	20	0
20	64QAM	50	24	19.19	19.14	19.30		
20	64QAM	50	50	19.22	19.16	19.24		
20	64QAM	100	0	19.16	19.17	19.01		
20	256QAM	1	0	18.15	18.03	18.12	19	1
20	256QAM	1	49	18.07	18.08	18.12		
20	256QAM	1	99	18.13	18.13	18.12		
20	256QAM	50	0	18.18	18.15	18.10	19	1
20	256QAM	50	24	18.00	17.94	17.93		
20	256QAM	50	50	17.96	17.94	17.90		
20	256QAM	100	0	18.03	18.01	17.94		
Channel				20025	20175	20325	Tune-up limit	MPR
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)	(dB)
15	QPSK	1	0	19.25	19.45	19.28	20	0
15	QPSK	1	37	19.14	19.00	18.97		
15	QPSK	1	74	19.14	18.91	19.07		
15	QPSK	36	0	19.26	19.34	19.21	20	0
15	QPSK	36	20	19.14	19.16	19.14		
15	QPSK	36	39	19.26	19.14	19.16		
15	QPSK	75	0	19.01	19.15	19.08		
15	16QAM	1	0	19.22	19.31	19.14	20	0
15	16QAM	1	37	18.91	18.84	18.91		
15	16QAM	1	74	18.93	18.78	19.00		
15	16QAM	36	0	19.25	19.37	19.08	20	0
15	16QAM	36	20	19.21	19.12	18.97		
15	16QAM	36	39	19.11	19.07	19.20		
15	16QAM	75	0	19.03	19.05	18.99		
15	64QAM	1	0	19.30	19.23	19.16	20	0
15	64QAM	1	37	18.99	18.88	18.93		
15	64QAM	1	74	19.11	18.77	18.89		
15	64QAM	36	0	19.20	19.26	19.16	20	0
15	64QAM	36	20	19.14	19.09	19.26		
15	64QAM	36	39	19.09	19.01	19.05		
15	64QAM	75	0	19.03	19.14	18.92		
15	256QAM	1	0	18.09	17.83	18.11	19	1
15	256QAM	1	37	18.04	17.88	18.07		
15	256QAM	1	74	18.05	18.13	17.96		
15	256QAM	36	0	18.09	18.01	18.00	19	1
15	256QAM	36	20	17.95	17.82	17.75		
15	256QAM	36	39	17.84	17.79	17.77		
15	256QAM	75	0	18.03	17.91	17.84		
Channel				20000	20175	20350	Tune-up limit	MPR
Frequency (MHz)				1715	1732.5	1750	(dBm)	(dB)
10	QPSK	1	0	19.21	19.35	19.37	20	0
10	QPSK	1	25	19.10	18.92	19.06		
10	QPSK	1	49	19.02	18.96	19.08		
10	QPSK	25	0	19.18	19.44	19.21	20	0
10	QPSK	25	12	19.28	19.33	19.20		
10	QPSK	25	25	19.10	19.10	19.27		
10	QPSK	50	0	19.07	19.21	19.04		
10	16QAM	1	0	19.14	19.16	19.17	20	0
10	16QAM	1	25	18.94	18.86	18.96		
10	16QAM	1	49	18.99	18.77	18.95		
10	16QAM	25	0	19.31	19.20	18.97	20	0
10	16QAM	25	12	19.13	19.26	19.05		
10	16QAM	25	25	19.05	19.20	19.06		
10	16QAM	50	0	19.12	19.09	19.02		
10	64QAM	1	0	19.30	19.21	19.17	20	0
10	64QAM	1	25	19.11	18.84	19.05		
10	64QAM	1	49	19.13	18.78	18.78		
10	64QAM	25	0	19.13	19.15	19.11	20	0
10	64QAM	25	12	19.01	18.99	19.11		
10	64QAM	25	25	19.06	19.07	19.07		
10	64QAM	50	0	19.01	19.02	18.99		
10	256QAM	1	0	18.14	17.98	18.03	19	1
10	256QAM	1	25	17.99	17.91	18.08		
10	256QAM	1	49	18.02	18.00	17.92		
10	256QAM	25	0	18.17	18.15	17.94	19	1
10	256QAM	25	12	17.88	17.90	17.88		
10	256QAM	25	25	17.84	17.77	17.88		
10	256QAM	50	0	17.99	17.89	17.75		
Channel				19975	20175	20375	Tune-up limit	MPR
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)	(dB)
5	QPSK	1	0	19.22	19.33	19.17	20	0
5	QPSK	1	12	19.24	18.90	18.90		
5	QPSK	1	24	19.19	18.86	19.13		
5	QPSK	12	0	19.31	19.40	19.27	20	0
5	QPSK	12	7	19.15	19.25	19.25		
5	QPSK	12	13	19.18	19.14	19.27		
5	QPSK	25	0	19.06	19.16	18.95		
5	16QAM	1	0	19.09	19.15	19.01	20	0
5	16QAM	1	12	19.04	18.89	18.90		
5	16QAM	1	24	19.01	18.74	18.90		
5	16QAM	12	0	19.16	19.24	19.02	20	0
5	16QAM	12	7	19.14	19.13	19.12		
5	16QAM	12	13	19.13	19.01	19.09		
5	16QAM	25	0	19.02	19.11	19.01		
5	64QAM	1	0	19.18	19.17	19.12	20	0
5	64QAM	1	12	19.05	18.94	18.92		
5	64QAM	1	24	19.04	18.65	18.85		
5	64QAM	12	0	19.27	19.19	19.29	20	0
5	64QAM	12	7	19.18	19.14	19.17		
5	64QAM	12	13	19.08	19.15	19.22		
5	64QAM	25	0	19.12	19.04	18.83		
5	256QAM	1	0	18.06	17.84	18.05	19	1
5	256QAM	1	12	18.03	17.90	18.10		
5	256QAM	1	24	18.02	18.02	17.92		
5	256QAM	12	0	18.11	18.00	18.10	19	1
5	256QAM	12	7	17.97	17.74	17.91		
5	256QAM	12	13	17.85	17.89	17.72		
5	256QAM	25	0	17.88	17.85	17.90		
Channel				19965	20175	20385	Tune-up limit	MPR
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)	(dB)
3	QPSK	1	0	19.26	19.30	19.36	20	0
3	QPSK	1	8	19.05	18.97	18.94		
3	QPSK	1	14	19.00	18.82	19.13		
3	QPSK	8	0	19.15	19.45	19.31	20	0
3	QPSK	8	4	19.19	19.19	19.18		
3	QPSK	8	7	19.12	19.06	19.27		
3	QPSK	15	0	19.17	19.29	18.95		
3	16QAM	1	0	19.18	19.28	19.13	20	0
3	16QAM	1	8	19.01	18.87	18.91		
3	16QAM	1	14	18.86	18.69	18.90		
3	16QAM	8	0	19.33	19.37	19.10	20	0
3	16QAM	8	4	19.23	19.21	19.03		
3	16QAM	8	7	19.10	19.06	19.07		
3	16QAM	15	0	19.04	19.02	18.99		
3	64QAM	1	0	19.26	19.13	19.00	20	0
3	64QAM	1	8	19.14	18.82	18.95		
3	64QAM	1	14	19.00	18.76	18.84		
3	64QAM	8	0	19.13	19.19	19.13	20	0
3	64QAM	8	4	19.07	19.12	19.26		
3	64QAM	8	7	19.05	19.16	19.24		
3	64QAM	15	0	19.00	19.09	18.91		
3	256QAM	1	0	18.05	17.94	18.01	19	1
3	256QAM	1	8	18.04	18.02	17.97		
3	256QAM	1	14	18.00	18.04	18.12		
3	256QAM	8	0	18.18	18.15	17.91	19	1
3	256QAM	8	4	17.87	17.81	17.81		
3	256QAM	8	7	17.93	17.83	17.89		
3	256QAM	15	0	17.86	18.00	17.74		
Channel				19957	20175	20393	Tune-up limit	MPR
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)	(dB)
1.4	QPSK	1	0	19.38	19.25	19.31	20	0
1.4	QPSK	1	3	19.21	18.98	18.92		
1.4	QPSK	1	5	19.18	18.79	19.09		
1.4	QPSK	3	0	19.28	19.41	19.31		
1.4	QPSK	3	1	19.26	19.20	19.28		
1.4	QPSK	3	3	19.21	19.25	19.17		
1.4	QPSK	6	0	19.13	19.30	19.04	20	0
1.4	16QAM	1	0	19.06	19.14	19.19	20	0
1.4	16QAM	1	3	18.91	18.93	18.96		
1.4	16QAM	1	5	18.89	18.84	19.01		
1.4	16QAM	3	0	19.25	19.27	19.06		
1.4	16QAM	3	1	19.28	19.14	19.03		
1.4	16QAM	3	3	19.13	19.02	19.12		
1.4	16QAM	6	0	19.11	19.05	18.99	20	0
1.4	64QAM	1	0	19.24	19.09	19.17	20	0
1.4	64QAM	1	3	18.98	18.86	19.06		
1.4	64QAM	1	5	19.00	18.70	18.88		
1.4	64QAM	3	0	19.27	19.19	19.30		
1.4	64QAM	3	1	19.09	19.13	19.10		
1.4	64QAM	3	3	19.12	19.12	19.23		
1.4	64QAM	6	0	19.05	19.04	18.90	20	0
1.4	256QAM	1	0	18.09	18.02	18.01	19	1
1.4	256QAM	1	3	17.87	17.90	18.12		
1.4	256QAM	1	5	17.99	18.08	18.07		
1.4	256QAM	3	0	18.12	18.06	18.05		
1.4	256QAM	3	1	17.80	17.93	17.91		
1.4	256QAM	3	3	17.87	17.77	17.85		
1.4	256QAM	6	0	17.94	17.86	17.88	19	1

Band 5_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.82	23.11	23.09	24	0
10	QPSK	1	25	22.80	22.93	22.76		
10	QPSK	1	49	22.81	22.93	22.74		
10	QPSK	25	0	21.88	22.08	21.90	23	1
10	QPSK	25	12	21.85	22.00	21.88		
10	QPSK	25	25	21.83	22.00	21.86		
10	QPSK	50	0	21.94	21.98	21.95		
10	16QAM	1	0	22.54	22.54	22.13	23	1
10	16QAM	1	25	22.49	22.48	22.09		
10	16QAM	1	49	22.54	22.18	22.13		
10	16QAM	25	0	21.03	20.97	20.98	22	2
10	16QAM	25	12	21.07	21.00	21.00		
10	16QAM	25	25	21.14	20.93	20.97		
10	16QAM	50	0	21.14	20.97	20.97		
10	64QAM	1	0	20.99	21.24	21.00	22	2
10	64QAM	1	25	21.00	21.31	21.29		
10	64QAM	1	49	20.97	21.27	21.28		
10	64QAM	25	0	20.12	19.97	19.98	21	3
10	64QAM	25	12	20.15	20.05	19.96		
10	64QAM	25	25	20.12	20.01	20.10		
10	64QAM	50	0	20.06	20.11	20.02		
10	256QAM	1	0	17.96	17.82	17.93	19	5
10	256QAM	1	25	17.97	17.92	17.82		
10	256QAM	1	49	17.90	17.85	18.04		
10	256QAM	25	0	17.91	17.82	17.89	19	5
10	256QAM	25	12	18.02	17.90	17.77		
10	256QAM	25	25	17.93	17.82	18.03		
10	256QAM	50	0	17.98	17.93	17.89		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	23.05	22.98	22.74	24	0
5	QPSK	1	12	23.09	23.10	22.91		
5	QPSK	1	24	23.10	22.97	22.90		
5	QPSK	12	0	22.03	21.92	21.88	23	1
5	QPSK	12	7	21.98	21.88	21.83		
5	QPSK	12	13	21.93	22.02	21.92		
5	QPSK	25	0	22.00	22.01	21.89		
5	16QAM	1	0	22.10	22.39	22.53	23	1
5	16QAM	1	12	22.12	22.29	22.19		
5	16QAM	1	24	22.48	22.49	22.36		
5	16QAM	12	0	21.09	21.00	20.92	22	2
5	16QAM	12	7	21.10	21.08	20.96		
5	16QAM	12	13	21.07	21.05	20.98		
5	16QAM	25	0	21.00	20.95	20.85		
5	64QAM	1	0	21.37	21.10	20.99	22	2
5	64QAM	1	12	21.29	21.12	21.01		
5	64QAM	1	24	21.44	21.20	21.13		
5	64QAM	12	0	19.93	20.11	19.92	21	3
5	64QAM	12	7	20.14	20.00	19.87		
5	64QAM	12	13	20.01	19.94	19.90		
5	64QAM	25	0	20.04	20.09	19.97		
5	256QAM	1	0	17.98	17.86	17.88	19	5
5	256QAM	1	12	17.96	17.93	17.76		
5	256QAM	1	24	17.93	17.90	18.06		
5	256QAM	12	0	17.93	17.86	17.93	19	5
5	256QAM	12	7	17.99	17.87	17.78		
5	256QAM	12	13	17.93	17.88	18.00		
5	256QAM	25	0	17.96	17.99	17.89		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.95	22.95	22.73	24	0
3	QPSK	1	8	22.99	23.09	22.87		
3	QPSK	1	14	22.99	22.96	22.79		
3	QPSK	8	0	21.92	21.83	21.86	23	1
3	QPSK	8	4	21.95	21.86	21.79		
3	QPSK	8	7	21.92	21.90	21.81		
3	QPSK	15	0	21.97	21.96	21.81		
3	16QAM	1	0	21.98	22.38	22.43	23	1
3	16QAM	1	8	22.06	22.24	22.10		
3	16QAM	1	14	22.42	22.40	22.27		
3	16QAM	8	0	21.03	20.91	20.81	22	2
3	16QAM	8	4	21.07	21.01	20.91		
3	16QAM	8	7	21.05	21.01	20.94		
3	16QAM	15	0	20.89	20.88	20.73		
3	64QAM	1	0	21.26	21.01	20.97	22	2
3	64QAM	1	8	21.20	21.02	20.91		
3	64QAM	1	14	21.38	21.16	21.03		
3	64QAM	8	0	19.84	20.10	19.88	21	3
3	64QAM	8	4	20.07	19.90	19.86		
3	64QAM	8	7	19.89	19.88	19.79		
3	64QAM	15	0	20.01	20.00	19.91		
3	256QAM	1	0	17.96	17.74	17.77	19	5
3	256QAM	1	8	17.87	17.86	17.69		
3	256QAM	1	14	17.90	17.82	17.96		
3	256QAM	8	0	17.82	17.77	17.88	19	5
3	256QAM	8	4	17.97	17.86	17.74		
3	256QAM	8	7	17.88	17.76	17.99		
3	256QAM	15	0	17.88	17.93	17.86		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.95	22.95	22.62	24	0
1.4	QPSK	1	3	23.06	23.08	22.84		
1.4	QPSK	1	5	23.08	22.92	22.83		
1.4	QPSK	3	0	22.92	22.85	22.50		
1.4	QPSK	3	1	23.04	23.07	22.75		
1.4	QPSK	3	3	23.03	22.88	22.75		
1.4	QPSK	6	0	21.95	21.93	21.79	23	1
1.4	16QAM	1	0	22.00	22.31	22.44	23	1
1.4	16QAM	1	3	22.04	22.17	22.17		
1.4	16QAM	1	5	22.46	22.39	22.25		
1.4	16QAM	3	0	21.95	22.23	22.37		
1.4	16QAM	3	1	21.95	22.15	22.15		
1.4	16QAM	3	3	22.45	22.32	22.22		
1.4	16QAM	6	0	20.90	20.83	20.73	22	2
1.4	64QAM	1	0	21.35	21.08	20.92	22	2
1.4	64QAM	1	3	21.19	21.05	20.96		
1.4	64QAM	1	5	21.43	21.17	21.08		
1.4	64QAM	3	0	21.25	21.05	20.90		
1.4	64QAM	3	1	21.18	20.94	20.87		
1.4	64QAM	3	3	21.31	21.15	20.99		
1.4	64QAM	6	0	20.03	19.99	19.95	21	3
1.4	256QAM	1	0	17.95	17.84	17.83	19	5
1.4	256QAM	1	3	17.93	17.84	17.66		
1.4	256QAM	1	5	17.88	17.86	17.96		
1.4	256QAM	3	0	17.92	17.78	17.88		
1.4	256QAM	3	1	17.92	17.82	17.76		
1.4	256QAM	3	3	17.91	17.86	17.94		
1.4	256QAM	6	0	17.86	17.87	17.85	19	5

Band 5_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.24	21.28	21.18	22.7	0
10	QPSK	1	25	21.23	21.08	21.02		
10	QPSK	1	49	21.18	21.26	20.91		
10	QPSK	25	0	21.23	21.27	21.17	22.7	0
10	QPSK	25	12	21.22	21.21	21.21		
10	QPSK	25	25	21.25	21.24	21.19		
10	QPSK	50	0	21.02	21.11	21.03		
10	16QAM	1	0	21.22	21.10	20.98	22.7	0
10	16QAM	1	25	21.15	20.97	20.96		
10	16QAM	1	49	21.12	21.08	20.85		
10	16QAM	25	0	20.52	20.53	20.56	22	0.7
10	16QAM	25	12	20.59	20.56	20.54		
10	16QAM	25	25	20.54	20.60	20.51		
10	16QAM	50	0	20.61	20.52	20.48		
10	64QAM	1	0	20.61	20.60	20.68	22	0.7
10	64QAM	1	25	20.64	20.75	20.67		
10	64QAM	1	49	20.71	20.65	20.61		
10	64QAM	25	0	19.55	19.56	19.57	21	1.7
10	64QAM	25	12	19.62	19.56	19.52		
10	64QAM	25	25	19.57	19.59	19.57		
10	64QAM	50	0	19.60	19.53	19.53		
10	256QAM	1	0	18.04	18.00	18.01	19	3.7
10	256QAM	1	25	18.03	18.00	18.04		
10	256QAM	1	49	17.99	17.90	17.99		
10	256QAM	25	0	17.34	17.37	17.40	19	3.7
10	256QAM	25	12	17.28	17.34	17.38		
10	256QAM	25	25	17.46	17.41	17.43		
10	256QAM	50	0	16.99	17.06	17.01		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	21.23	21.15	21.15	22.7	0
5	QPSK	1	12	21.11	21.08	20.91		
5	QPSK	1	24	21.11	21.14	20.76		
5	QPSK	12	0	21.09	21.19	21.03	22.7	0
5	QPSK	12	7	21.12	21.15	21.20		
5	QPSK	12	13	21.12	21.13	21.14		
5	QPSK	25	0	21.21	21.14	21.03		
5	16QAM	1	0	21.13	20.99	20.88	22.7	0
5	16QAM	1	12	21.08	20.82	20.94		
5	16QAM	1	24	21.03	21.04	20.71		
5	16QAM	12	0	20.41	20.42	20.51	22	0.7
5	16QAM	12	7	20.48	20.56	20.47		
5	16QAM	12	13	20.52	20.60	20.32		
5	16QAM	25	0	20.43	20.51	20.43		
5	64QAM	1	0	20.49	20.57	20.61	22	0.7
5	64QAM	1	12	20.60	20.63	20.53		
5	64QAM	1	24	20.52	20.53	20.42		
5	64QAM	12	0	19.50	19.47	19.38	21	1.7
5	64QAM	12	7	19.57	19.56	19.47		
5	64QAM	12	13	19.57	19.40	19.41		
5	64QAM	25	0	19.53	19.46	19.35		
5	256QAM	1	0	18.04	17.83	17.88	19	3.7
5	256QAM	1	12	17.92	17.88	17.92		
5	256QAM	1	24	17.82	17.79	17.91		
5	256QAM	12	0	17.30	17.18	17.38	19	3.7
5	256QAM	12	7	17.23	17.18	17.19		
5	256QAM	12	13	17.40	17.41	17.40		
5	256QAM	25	0	16.99	17.00	16.87		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	21.19	21.08	21.07	22.7	0
3	QPSK	1	8	21.13	20.93	20.92		
3	QPSK	1	14	21.03	21.26	20.90		
3	QPSK	8	0	21.03	21.17	21.15	22.7	0
3	QPSK	8	4	21.19	21.27	21.12		
3	QPSK	8	7	21.19	21.13	21.17		
3	QPSK	15	0	21.22	21.05	21.02		
3	16QAM	1	0	21.10	20.99	20.92	22.7	0
3	16QAM	1	8	21.12	20.78	20.83		
3	16QAM	1	14	21.11	20.98	20.67		
3	16QAM	8	0	20.42	20.47	20.52	22	0.7
3	16QAM	8	4	20.59	20.38	20.40		
3	16QAM	8	7	20.53	20.40	20.41		
3	16QAM	15	0	20.49	20.52	20.30		
3	64QAM	1	0	20.59	20.42	20.57	22	0.7
3	64QAM	1	8	20.61	20.73	20.63		
3	64QAM	1	14	20.70	20.61	20.52		
3	64QAM	8	0	19.50	19.38	19.39	21	1.7
3	64QAM	8	4	19.54	19.44	19.36		
3	64QAM	8	7	19.52	19.42	19.38		
3	64QAM	15	0	19.42	19.45	19.33		
3	256QAM	1	0	17.85	17.85	17.99	19	3.7
3	256QAM	1	8	18.02	17.96	17.99		
3	256QAM	1	14	17.86	17.89	17.91		
3	256QAM	8	0	17.27	17.23	17.26	19	3.7
3	256QAM	8	4	17.17	17.17	17.38		
3	256QAM	8	7	17.37	17.23	17.41		
3	256QAM	15	0	16.90	16.90	17.00		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	21.23	21.13	21.13	22.7	0
1.4	QPSK	1	3	21.15	20.90	20.86		
1.4	QPSK	1	5	21.16	21.08	20.78		
1.4	QPSK	3	0	21.15	21.28	21.04		
1.4	QPSK	3	1	21.08	21.25	21.04		
1.4	QPSK	3	3	21.11	21.06	21.00		
1.4	QPSK	6	0	21.22	21.20	21.20	22.7	0
1.4	16QAM	1	0	21.07	20.93	20.97	22.7	0
1.4	16QAM	1	3	21.15	20.97	20.90		
1.4	16QAM	1	5	20.99	21.07	20.75		
1.4	16QAM	3	0	21.15	21.22	21.03		
1.4	16QAM	3	1	21.02	21.24	21.06		
1.4	16QAM	3	3	21.14	21.24	21.05		
1.4	16QAM	6	0	20.42	20.40	20.45	22	0.7
1.4	64QAM	1	0	20.41	20.58	20.49	22	0.7
1.4	64QAM	1	3	20.50	20.63	20.60		
1.4	64QAM	1	5	20.55	20.64	20.61		
1.4	64QAM	3	0	20.55	20.50	20.48		
1.4	64QAM	3	1	20.35	20.45	20.45		
1.4	64QAM	3	3	20.61	20.38	20.45		
1.4	64QAM	6	0	19.44	19.46	19.34	21	1.7
1.4	256QAM	1	0	18.01	17.97	17.85	19	3.7
1.4	256QAM	1	3	17.93	17.92	17.89		
1.4	256QAM	1	5	17.84	17.72	17.88		
1.4	256QAM	3	0	17.22	17.26	17.37		
1.4	256QAM	3	1	17.28	17.26	17.34		
1.4	256QAM	3	3	17.34	17.24	17.27		
1.4	256QAM	6	0	16.86	17.02	16.96	19	3.7

Band 7_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.06	21.08	21.06	22	0
20	QPSK	1	49	20.97	20.98	20.97		
20	QPSK	1	99	21.02	21.00	20.96		
20	QPSK	50	0	20.83	20.90	20.89	22	0
20	QPSK	50	24	20.84	20.86	20.83		
20	QPSK	50	50	20.87	20.87	20.87		
20	QPSK	100	0	20.83	20.84	20.77		
20	16QAM	1	0	20.70	20.84	20.65	22	0
20	16QAM	1	49	20.76	20.83	20.75		
20	16QAM	1	99	20.79	20.81	20.73		
20	16QAM	50	0	20.89	20.97	20.80	22	0
20	16QAM	50	24	21.01	20.95	20.84		
20	16QAM	50	50	20.94	21.00	20.89		
20	16QAM	100	0	20.96	20.91	20.87		
20	64QAM	1	0	20.90	21.07	20.91	22	0
20	64QAM	1	49	21.00	21.03	20.91		
20	64QAM	1	99	21.00	21.12	20.97		
20	64QAM	50	0	19.91	19.87	19.91	21	1
20	64QAM	50	24	19.96	19.97	19.84		
20	64QAM	50	50	19.92	19.97	19.97		
20	64QAM	100	0	20.01	19.88	19.81		
20	256QAM	1	0	17.56	17.57	17.48	19	3
20	256QAM	1	49	17.43	17.58	17.47		
20	256QAM	1	99	17.64	17.64	17.58		
20	256QAM	50	0	17.51	17.57	17.53	19	3
20	256QAM	50	24	17.39	17.50	17.51		
20	256QAM	50	50	17.58	17.54	17.55		
20	256QAM	100	0	17.49	17.53	17.40		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	20.97	21.00	20.95	22	0
15	QPSK	1	37	20.93	20.92	20.93		
15	QPSK	1	74	20.93	20.90	20.84		
15	QPSK	36	0	20.77	20.89	20.87	22	0
15	QPSK	36	20	20.75	20.77	20.81		
15	QPSK	36	39	20.82	20.85	20.75		
15	QPSK	75	0	20.73	20.81	20.71		
15	16QAM	1	0	20.62	20.76	20.64	22	0
15	16QAM	1	37	20.65	20.71	20.74		
15	16QAM	1	74	20.78	20.72	20.65		
15	16QAM	36	0	20.77	20.95	20.75	22	0
15	16QAM	36	20	20.93	20.85	20.79		
15	16QAM	36	39	20.83	20.92	20.78		
15	16QAM	75	0	20.85	20.79	20.85		
15	64QAM	1	0	20.83	20.98	20.90	22	0
15	64QAM	1	37	20.99	20.93	20.85		
15	64QAM	1	74	20.98	21.00	20.92		
15	64QAM	36	0	19.83	19.78	19.90	21	1
15	64QAM	36	20	19.93	19.89	19.77		
15	64QAM	36	39	19.87	19.93	19.86		
15	64QAM	75	0	19.93	19.79	19.76		
15	256QAM	1	0	17.53	17.54	17.38	19	3
15	256QAM	1	37	17.35	17.48	17.38		
15	256QAM	1	74	17.62	17.58	17.47		
15	256QAM	36	0	17.47	17.51	17.47	19	3
15	256QAM	36	20	17.34	17.47	17.50		
15	256QAM	36	39	17.53	17.51	17.45		
15	256QAM	75	0	17.43	17.47	17.30		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	20.99	21.00	21.03	22	0
10	QPSK	1	25	20.88	20.91	20.93		
10	QPSK	1	49	20.92	20.96	20.88		
10	QPSK	25	0	20.75	20.82	20.85	22	0
10	QPSK	25	12	20.79	20.74	20.77		
10	QPSK	25	25	20.78	20.82	20.79		
10	QPSK	50	0	20.82	20.73	20.67		
10	16QAM	1	0	20.64	20.75	20.63	22	0
10	16QAM	1	25	20.67	20.79	20.63		
10	16QAM	1	49	20.67	20.73	20.62		
10	16QAM	25	0	20.80	20.95	20.76	22	0
10	16QAM	25	12	20.98	20.91	20.76		
10	16QAM	25	25	20.91	20.91	20.88		
10	16QAM	50	0	20.88	20.79	20.82		
10	64QAM	1	0	20.84	20.99	20.84	22	0
10	64QAM	1	25	20.96	20.92	20.83		
10	64QAM	1	49	20.89	21.00	20.85		
10	64QAM	25	0	19.82	19.86	19.89	21	1
10	64QAM	25	12	19.90	19.91	19.76		
10	64QAM	25	25	19.86	19.91	19.93		
10	64QAM	50	0	19.96	19.86	19.79		
10	256QAM	1	0	17.54	17.48	17.39	19	3
10	256QAM	1	25	17.40	17.49	17.35		
10	256QAM	1	49	17.57	17.57	17.53		
10	256QAM	25	0	17.42	17.53	17.47	19	3
10	256QAM	25	12	17.30	17.42	17.44		
10	256QAM	25	25	17.43	17.48	17.52		
10	256QAM	50	0	17.42	17.51	17.39		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	21.00	20.97	20.94	22	0
5	QPSK	1	12	20.89	20.90	20.85		
5	QPSK	1	24	20.90	20.92	20.87		
5	QPSK	12	0	20.80	20.86	20.87	22	0
5	QPSK	12	7	20.83	20.83	20.82		
5	QPSK	12	13	20.76	20.85	20.84		
5	QPSK	25	0	20.71	20.77	20.65		
5	16QAM	1	0	20.59	20.81	20.54	22	0
5	16QAM	1	12	20.73	20.82	20.69		
5	16QAM	1	24	20.75	20.70	20.72		
5	16QAM	12	0	20.86	20.85	20.75	22	0
5	16QAM	12	7	20.99	20.92	20.79		
5	16QAM	12	13	20.91	20.97	20.86		
5	16QAM	25	0	20.84	20.90	20.76		
5	64QAM	1	0	20.89	21.06	20.90	22	0
5	64QAM	1	12	20.97	20.93	20.84		
5	64QAM	1	24	20.92	21.10	20.89		
5	64QAM	12	0	19.84	19.84	19.86	21	1
5	64QAM	12	7	19.87	19.92	19.81		
5	64QAM	12	13	19.81	19.87	19.94		
5	64QAM	25	0	20.00	19.85	19.79		
5	256QAM	1	0	17.54	17.47	17.45	19	3
5	256QAM	1	12	17.36	17.50	17.46		
5	256QAM	1	24	17.58	17.53	17.57		
5	256QAM	12	0	17.42	17.50	17.45	19	3
5	256QAM	12	7	17.37	17.42	17.39		
5	256QAM	12	13	17.47	17.49	17.43		
5	256QAM	25	0	17.40	17.44	17.29		

Band 7_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.81	14.87	14.86	16	0
20	QPSK	1	49	14.73	14.83	14.70		
20	QPSK	1	99	14.66	14.80	14.74		
20	QPSK	50	0	14.72	14.83	14.82	16	0
20	QPSK	50	24	14.65	14.82	14.76		
20	QPSK	50	50	14.64	14.72	14.66		
20	QPSK	100	0	14.79	14.81	14.74		
20	16QAM	1	0	14.63	14.81	14.60	16	0
20	16QAM	1	49	14.52	14.67	14.64		
20	16QAM	1	99	14.75	14.74	14.72		
20	16QAM	50	0	14.62	14.78	14.59	16	0
20	16QAM	50	24	14.48	14.74	14.68		
20	16QAM	50	50	14.66	14.80	14.82		
20	16QAM	100	0	14.57	14.69	14.62		
20	64QAM	1	0	14.62	14.70	14.68	16	0
20	64QAM	1	49	14.80	14.79	14.78		
20	64QAM	1	99	14.72	14.67	14.63		
20	64QAM	50	0	14.53	14.75	14.64	16	0
20	64QAM	50	24	14.64	14.83	14.84		
20	64QAM	50	50	14.55	14.70	14.58		
20	64QAM	100	0	14.55	14.67	14.60		
20	256QAM	1	0	14.71	14.75	14.75	16	0
20	256QAM	1	49	14.69	14.68	14.62		
20	256QAM	1	99	14.55	14.67	14.68		
20	256QAM	50	0	14.70	14.81	14.81	16	0
20	256QAM	50	24	14.75	14.86	14.70		
20	256QAM	50	50	14.57	14.68	14.52		
20	256QAM	100	0	14.54	14.76	14.69		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	14.66	14.83	14.74	16	0
15	QPSK	1	37	14.65	14.81	14.59		
15	QPSK	1	74	14.48	14.72	14.64		
15	QPSK	36	0	14.64	14.68	14.72	16	0
15	QPSK	36	20	14.55	14.67	14.50		
15	QPSK	36	39	14.54	14.65	14.65		
15	QPSK	75	0	14.69	14.73	14.71		
15	16QAM	1	0	14.55	14.80	14.44	16	0
15	16QAM	1	37	14.36	14.64	14.56		
15	16QAM	1	74	14.69	14.69	14.65		
15	16QAM	36	0	14.52	14.68	14.53	16	0
15	16QAM	36	20	14.46	14.71	14.57		
15	16QAM	36	39	14.61	14.76	14.74		
15	16QAM	75	0	14.49	14.67	14.53		
15	64QAM	1	0	14.45	14.64	14.63	16	0
15	64QAM	1	37	14.75	14.62	14.72		
15	64QAM	1	74	14.59	14.51	14.55		
15	64QAM	36	0	14.38	14.68	14.59	16	0
15	64QAM	36	20	14.53	14.77	14.69		
15	64QAM	36	39	14.41	14.68	14.57		
15	64QAM	75	0	14.41	14.54	14.58		
15	256QAM	1	0	14.66	14.67	14.70	16	0
15	256QAM	1	37	14.63	14.50	14.57		
15	256QAM	1	74	14.54	14.55	14.55		
15	256QAM	36	0	14.52	14.69	14.73	16	0
15	256QAM	36	20	14.62	14.79	14.62		
15	256QAM	36	39	14.55	14.63	14.47		
15	256QAM	75	0	14.42	14.66	14.59		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	14.67	14.71	14.82	16	0
10	QPSK	1	25	14.72	14.67	14.63		
10	QPSK	1	49	14.50	14.73	14.71		
10	QPSK	25	0	14.63	14.72	14.69	16	0
10	QPSK	25	12	14.58	14.72	14.45		
10	QPSK	25	25	14.63	14.61	14.48		
10	QPSK	50	0	14.61	14.74	14.60		
10	16QAM	1	0	14.58	14.63	14.56	16	0
10	16QAM	1	25	14.39	14.66	14.46		
10	16QAM	1	49	14.68	14.59	14.59		
10	16QAM	25	0	14.47	14.64	14.43	16	0
10	16QAM	25	12	14.45	14.69	14.53		
10	16QAM	25	25	14.57	14.70	14.64		
10	16QAM	50	0	14.43	14.54	14.49		
10	64QAM	1	0	14.51	14.62	14.66	16	0
10	64QAM	1	25	14.65	14.62	14.75		
10	64QAM	1	49	14.59	14.60	14.51		
10	64QAM	25	0	14.39	14.63	14.53	16	0
10	64QAM	25	12	14.54	14.78	14.73		
10	64QAM	25	25	14.37	14.69	14.48		
10	64QAM	50	0	14.51	14.65	14.43		
10	256QAM	1	0	14.62	14.74	14.65	16	0
10	256QAM	1	25	14.57	14.51	14.55		
10	256QAM	1	49	14.51	14.53	14.64		
10	256QAM	25	0	14.68	14.72	14.65	16	0
10	256QAM	25	12	14.58	14.70	14.60		
10	256QAM	25	25	14.41	14.53	14.36		
10	256QAM	50	0	14.45	14.63	14.60		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	14.78	14.86	14.72	16	0
5	QPSK	1	12	14.62	14.67	14.60		
5	QPSK	1	24	14.55	14.70	14.57		
5	QPSK	12	0	14.65	14.80	14.76	16	0
5	QPSK	12	7	14.61	14.65	14.42		
5	QPSK	12	13	14.51	14.61	14.62		
5	QPSK	25	0	14.67	14.73	14.64		
5	16QAM	1	0	14.56	14.71	14.51	16	0
5	16QAM	1	12	14.47	14.60	14.59		
5	16QAM	1	24	14.65	14.67	14.69		
5	16QAM	12	0	14.52	14.67	14.50	16	0
5	16QAM	12	7	14.42	14.63	14.65		
5	16QAM	12	13	14.53	14.71	14.68		
5	16QAM	25	0	14.49	14.59	14.51		
5	64QAM	1	0	14.49	14.56	14.62	16	0
5	64QAM	1	12	14.69	14.67	14.73		
5	64QAM	1	24	14.66	14.52	14.52		
5	64QAM	12	0	14.35	14.73	14.46	16	0
5	64QAM	12	7	14.60	14.79	14.70		
5	64QAM	12	13	14.43	14.69	14.52		
5	64QAM	25	0	14.51	14.54	14.52		
5	256QAM	1	0	14.63	14.73	14.66	16	0
5	256QAM	1	12	14.58	14.55	14.46		
5	256QAM	1	24	14.44	14.50	14.62		
5	256QAM	12	0	14.52	14.77	14.65	16	0
5	256QAM	12	7	14.71	14.82	14.68		
5	256QAM	12	13	14.48	14.51	14.39		
5	256QAM	25	0	14.39	14.64	14.52		

Band 12_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.09	23.14	23.12	24	0
10	QPSK	1	25	23.06	23.05	23.05		
10	QPSK	1	49	23.06	23.06	23.10		
10	QPSK	25	0	22.16	22.19	22.17	23	1
10	QPSK	25	12	22.12	22.10	22.10		
10	QPSK	25	25	22.15	22.18	22.15		
10	QPSK	50	0	22.11	22.18	22.07		
10	16QAM	1	0	22.28	22.40	22.39	23	1
10	16QAM	1	25	22.38	22.39	22.35		
10	16QAM	1	49	22.42	22.46	22.42		
10	16QAM	25	0	21.14	21.08	21.11	22	2
10	16QAM	25	12	21.15	21.21	21.14		
10	16QAM	25	25	21.19	21.19	21.15		
10	16QAM	50	0	21.10	21.20	21.10		
10	64QAM	1	0	21.21	21.29	21.23	22	2
10	64QAM	1	25	21.25	21.26	21.23		
10	64QAM	1	49	21.29	21.40	21.29		
10	64QAM	25	0	20.16	20.12	20.15	21	3
10	64QAM	25	12	20.18	20.20	20.13		
10	64QAM	25	25	20.25	20.22	20.21		
10	64QAM	50	0	20.15	20.22	20.10		
10	256QAM	1	0	17.98	18.09	18.04	19	5
10	256QAM	1	25	17.97	18.07	18.03		
10	256QAM	1	49	18.05	18.14	18.02		
10	256QAM	25	0	17.98	18.01	17.99	19	5
10	256QAM	25	12	17.90	18.02	17.95		
10	256QAM	25	25	17.98	18.06	18.05		
10	256QAM	50	0	17.91	17.98	17.97		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.03	23.04	24	0
5	QPSK	1	12	23.05	23.06	23.10		
5	QPSK	1	24	23.03	23.08	23.08		
5	QPSK	12	0	22.10	22.06	22.01	23	1
5	QPSK	12	7	22.13	22.09	22.03		
5	QPSK	12	13	22.09	22.12	22.05		
5	QPSK	25	0	22.13	22.06	22.00		
5	16QAM	1	0	22.33	22.37	22.39	23	1
5	16QAM	1	12	22.33	22.32	22.44		
5	16QAM	1	24	22.39	22.45	22.32		
5	16QAM	12	0	21.17	21.10	21.05	22	2
5	16QAM	12	7	21.19	21.11	21.07		
5	16QAM	12	13	21.10	21.15	21.09		
5	16QAM	25	0	21.12	21.04	21.03		
5	64QAM	1	0	21.15	21.17	21.19	22	2
5	64QAM	1	12	21.22	21.22	21.17		
5	64QAM	1	24	21.24	21.26	21.21		
5	64QAM	12	0	20.15	20.13	20.03	21	3
5	64QAM	12	7	20.20	20.12	20.08		
5	64QAM	12	13	20.10	20.15	20.09		
5	64QAM	25	0	20.09	20.07	20.03		
5	256QAM	1	0	17.97	18.07	17.99	19	5
5	256QAM	1	12	17.92	18.01	17.94		
5	256QAM	1	24	18.01	18.07	18.00		
5	256QAM	12	0	17.89	17.89	17.93	19	5
5	256QAM	12	7	17.80	17.95	17.91		
5	256QAM	12	13	17.92	18.01	18.01		
5	256QAM	25	0	17.86	17.97	17.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.04	22.99	24	0
3	QPSK	1	8	23.08	23.09	23.10		
3	QPSK	1	14	22.96	23.01	22.98		
3	QPSK	8	0	22.12	22.04	21.99	23	1
3	QPSK	8	4	22.12	22.05	22.10		
3	QPSK	8	7	22.07	22.07	21.99		
3	QPSK	15	0	22.08	22.03	21.95		
3	16QAM	1	0	22.34	22.40	22.31	23	1
3	16QAM	1	8	22.49	22.43	22.43		
3	16QAM	1	14	22.27	22.34	22.32		
3	16QAM	8	0	21.14	21.07	21.03	22	2
3	16QAM	8	4	21.19	21.08	21.16		
3	16QAM	8	7	21.09	21.13	21.04		
3	16QAM	15	0	21.12	21.04	21.02		
3	64QAM	1	0	21.34	21.20	21.12	22	2
3	64QAM	1	8	21.34	21.36	21.26		
3	64QAM	1	14	21.17	21.25	21.22		
3	64QAM	8	0	20.20	20.13	20.04	21	3
3	64QAM	8	4	20.19	20.11	20.13		
3	64QAM	8	7	20.15	20.12	20.06		
3	64QAM	15	0	20.11	20.08	20.04		
3	256QAM	1	0	17.88	17.97	17.95	19	5
3	256QAM	1	8	17.88	18.00	17.94		
3	256QAM	1	14	17.99	18.10	17.91		
3	256QAM	8	0	17.96	17.97	17.91	19	5
3	256QAM	8	4	17.81	17.96	17.91		
3	256QAM	8	7	17.93	18.01	17.99		
3	256QAM	15	0	17.83	17.87	17.85		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	23.02	22.90	24	0
1.4	QPSK	1	3	23.06	23.06	23.01		
1.4	QPSK	1	5	22.92	23.00	22.97		
1.4	QPSK	3	0	22.99	22.94	22.86		
1.4	QPSK	3	1	22.94	23.00	22.92		
1.4	QPSK	3	3	22.80	22.93	22.92		
1.4	QPSK	6	0	21.97	21.95	21.87	23	1
1.4	16QAM	1	0	22.29	22.39	22.21	23	1
1.4	16QAM	1	3	22.48	22.33	22.33		
1.4	16QAM	1	5	22.15	22.23	22.29		
1.4	16QAM	3	0	22.23	22.33	22.17		
1.4	16QAM	3	1	22.41	22.23	22.28		
1.4	16QAM	3	3	22.06	22.17	22.27		
1.4	16QAM	6	0	21.03	20.96	20.95	22	2
1.4	64QAM	1	0	21.25	21.17	21.11	22	2
1.4	64QAM	1	3	21.33	21.28	21.21		
1.4	64QAM	1	5	21.10	21.20	21.12		
1.4	64QAM	3	0	21.21	21.11	21.01		
1.4	64QAM	3	1	21.31	21.18	21.16		
1.4	64QAM	3	3	20.98	21.16	21.10		
1.4	64QAM	6	0	20.10	20.03	20.00	21	3
1.4	256QAM	1	0	17.86	17.92	17.88	19	5
1.4	256QAM	1	3	17.79	17.91	17.93		
1.4	256QAM	1	5	17.89	17.98	17.85		
1.4	256QAM	3	0	17.91	17.92	17.84		
1.4	256QAM	3	1	17.70	17.85	17.90		
1.4	256QAM	3	3	17.88	17.95	17.92		
1.4	256QAM	6	0	17.74	17.85	17.75	19	5

Band 12_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.73	22.92	22.74	24	0
10	QPSK	1	25	22.69	22.68	22.68		
10	QPSK	1	49	22.71	22.71	22.73		
10	QPSK	25	0	21.79	21.81	21.75	23	1
10	QPSK	25	12	21.77	21.72	21.70		
10	QPSK	25	25	21.77	21.73	21.73		
10	QPSK	50	0	21.75	21.76	21.70		
10	16QAM	1	0	22.00	21.96	21.96	23	1
10	16QAM	1	25	22.01	22.08	22.04		
10	16QAM	1	49	22.10	22.06	22.04		
10	16QAM	25	0	20.71	20.71	20.75	22	2
10	16QAM	25	12	20.80	20.74	20.75		
10	16QAM	25	25	20.79	20.81	20.80		
10	16QAM	50	0	20.79	20.70	20.69		
10	64QAM	1	0	20.89	20.78	20.83	22	2
10	64QAM	1	25	20.89	20.94	20.91		
10	64QAM	1	49	20.95	21.01	20.91		
10	64QAM	25	0	19.73	19.75	19.73	21	3
10	64QAM	25	12	19.82	19.76	19.76		
10	64QAM	25	25	19.81	19.85	19.85		
10	64QAM	50	0	19.80	19.71	19.69		
10	256QAM	1	0	17.47	17.49	17.49	19	5
10	256QAM	1	25	17.57	17.60	17.68		
10	256QAM	1	49	17.48	17.43	17.44		
10	256QAM	25	0	17.53	17.50	17.51	19	5
10	256QAM	25	12	17.53	17.45	17.44		
10	256QAM	25	25	17.51	17.54	17.54		
10	256QAM	50	0	17.64	17.56	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.62	22.60	22.64	24	0
5	QPSK	1	12	22.59	22.70	22.73		
5	QPSK	1	24	22.68	22.70	22.69		
5	QPSK	12	0	21.75	21.68	21.62	23	1
5	QPSK	12	7	21.74	21.73	21.65		
5	QPSK	12	13	21.72	21.73	21.70		
5	QPSK	25	0	21.71	21.65	21.61		
5	16QAM	1	0	21.93	21.99	22.01	23	1
5	16QAM	1	12	22.07	21.98	22.00		
5	16QAM	1	24	22.06	22.02	22.00		
5	16QAM	12	0	20.78	20.71	20.67	22	2
5	16QAM	12	7	20.76	20.69	20.66		
5	16QAM	12	13	20.74	20.77	20.72		
5	16QAM	25	0	20.72	20.70	20.67		
5	64QAM	1	0	20.77	20.84	20.83	22	2
5	64QAM	1	12	20.81	20.82	20.83		
5	64QAM	1	24	20.89	20.90	20.83		
5	64QAM	12	0	19.80	19.73	19.71	21	3
5	64QAM	12	7	19.79	19.74	19.75		
5	64QAM	12	13	19.71	19.73	19.74		
5	64QAM	25	0	19.75	19.74	19.66		
5	256QAM	1	0	17.39	17.49	17.46	19	5
5	256QAM	1	12	17.56	17.63	17.66		
5	256QAM	1	24	17.53	17.46	17.43		
5	256QAM	12	0	17.58	17.56	17.54	19	5
5	256QAM	12	7	17.57	17.51	17.55		
5	256QAM	12	13	17.57	17.62	17.54		
5	256QAM	25	0	17.56	17.55	17.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.54	22.52	22.50	24	0
3	QPSK	1	8	22.68	22.68	22.67		
3	QPSK	1	14	22.54	22.56	22.54		
3	QPSK	8	0	21.61	21.56	21.49	23	1
3	QPSK	8	4	21.64	21.53	21.54		
3	QPSK	8	7	21.64	21.59	21.64		
3	QPSK	15	0	21.50	21.58	21.60		
3	16QAM	1	0	21.92	21.95	21.92	23	1
3	16QAM	1	8	21.99	21.92	21.94		
3	16QAM	1	14	21.99	21.99	21.98		
3	16QAM	8	0	20.66	20.52	20.66	22	2
3	16QAM	8	4	20.59	20.53	20.61		
3	16QAM	8	7	20.70	20.65	20.67		
3	16QAM	15	0	20.57	20.66	20.63		
3	64QAM	1	0	20.68	20.80	20.77	22	2
3	64QAM	1	8	20.69	20.74	20.74		
3	64QAM	1	14	20.71	20.69	20.78		
3	64QAM	8	0	19.62	19.62	19.62	21	3
3	64QAM	8	4	19.65	19.73	19.66		
3	64QAM	8	7	19.66	19.71	19.71		
3	64QAM	15	0	19.56	19.61	19.57		
3	256QAM	1	0	17.26	17.33	17.36	19	5
3	256QAM	1	8	17.55	17.65	17.51		
3	256QAM	1	14	17.34	17.34	17.35		
3	256QAM	8	0	17.49	17.35	17.52	19	5
3	256QAM	8	4	17.37	17.41	17.36		
3	256QAM	8	7	17.43	17.43	17.38		
3	256QAM	15	0	17.54	17.42	17.54		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.52	22.44	22.49	24	0
1.4	QPSK	1	3	22.42	22.45	22.45		
1.4	QPSK	1	5	22.43	22.46	22.43		
1.4	QPSK	3	0	22.53	22.52	22.51		
1.4	QPSK	3	1	22.52	22.52	22.57		
1.4	QPSK	3	3	22.54	22.52	22.54		
1.4	QPSK	6	0	21.65	21.56	21.56	23	1
1.4	16QAM	1	0	21.79	21.73	21.82	23	1
1.4	16QAM	1	3	21.85	21.81	21.73		
1.4	16QAM	1	5	21.75	21.83	21.85		
1.4	16QAM	3	0	21.80	21.75	21.69		
1.4	16QAM	3	1	21.79	21.68	21.81		
1.4	16QAM	3	3	21.80	21.68	21.80		
1.4	16QAM	6	0	20.61	20.62	20.73	22	2
1.4	64QAM	1	0	20.86	20.83	20.83	22	2
1.4	64QAM	1	3	20.86	20.87	20.87		
1.4	64QAM	1	5	20.87	20.75	20.75		
1.4	64QAM	3	0	20.63	20.63	20.66		
1.4	64QAM	3	1	20.66	20.70	20.67		
1.4	64QAM	3	3	20.67	20.65	20.64		
1.4	64QAM	6	0	19.56	19.59	19.60	21	3
1.4	256QAM	1	0	17.67	17.54	17.53	19	5
1.4	256QAM	1	3	17.62	17.55	17.71		
1.4	256QAM	1	5	17.52	17.63	17.56		
1.4	256QAM	3	0	17.64	17.72	17.65		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.62	17.76	17.65		
1.4	256QAM	6	0	17.78	17.66	17.68	19	5

Band 13_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.98			
10	QPSK	1	49		23.00			
10	QPSK	25	0		22.11		23	1
10	QPSK	25	12		22.01			
10	QPSK	25	25		22.08			
10	QPSK	50	0		22.07			
10	16QAM	1	0		22.35		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.35			
10	16QAM	25	0		21.06		22	2
10	16QAM	25	12		21.04			
10	16QAM	25	25		21.07			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.14		22	2
10	64QAM	1	25		21.21			
10	64QAM	1	49		21.25			
10	64QAM	25	0		20.08		21	3
10	64QAM	25	12		20.09			
10	64QAM	25	25		20.11			
10	64QAM	50	0		20.11			
10	256QAM	1	0		17.95		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		17.92			
10	256QAM	25	0		17.93		19	5
10	256QAM	25	12		17.90			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.89			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.97	22.96	22.96	24	0
5	QPSK	1	12	23.03	22.99	22.97		
5	QPSK	1	24	22.92	22.96	22.97		
5	QPSK	12	0	21.92	21.98	21.96	23	1
5	QPSK	12	7	22.05	22.02	22.02		
5	QPSK	12	13	22.02	22.04	22.05		
5	QPSK	25	0	22.11	21.97	21.97		
5	16QAM	1	0	22.24	22.34	22.31	23	1
5	16QAM	1	12	22.24	22.30	22.33		
5	16QAM	1	24	22.32	22.31	22.25		
5	16QAM	12	0	21.02	20.99	20.99	22	2
5	16QAM	12	7	21.10	21.05	21.03		
5	16QAM	12	13	21.08	21.09	21.08		
5	16QAM	25	0	21.10	21.03	20.98		
5	64QAM	1	0	21.11	21.20	21.21	22	2
5	64QAM	1	12	21.19	21.17	21.18		
5	64QAM	1	24	21.23	21.19	21.21		
5	64QAM	12	0	20.02	20.01	20.01	21	3
5	64QAM	12	7	20.13	20.08	20.10		
5	64QAM	12	13	20.06	20.10	20.08		
5	64QAM	25	0	20.06	20.00	20.01		
5	256QAM	1	0	17.92	17.97	17.91	19	5
5	256QAM	1	12	17.94	17.98	17.99		
5	256QAM	1	24	18.00	17.90	17.99		
5	256QAM	12	0	17.89	17.92	17.98	19	5
5	256QAM	12	7	18.06	17.96	18.04		
5	256QAM	12	13	18.02	17.97	18.03		
5	256QAM	25	0	18.04	17.98	17.94		

Band 13_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.33		24	0
10	QPSK	1	25		23.31			
10	QPSK	1	49		23.32			
10	QPSK	25	0		21.74		23	1
10	QPSK	25	12		21.67			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.91		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.43			
10	16QAM	25	0		20.82		22	2
10	16QAM	25	12		20.83			
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.69			
10	64QAM	1	0		20.83		22	2
10	64QAM	1	25		20.98			
10	64QAM	1	49		21.07			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.72			
10	64QAM	25	25		19.82			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.82		19	5
10	256QAM	1	25		18.72			
10	256QAM	1	49		18.82			
10	256QAM	25	0		18.82		19	5
10	256QAM	25	12		18.72			
10	256QAM	25	25		18.82			
10	256QAM	50	0		18.81			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.46	23.57	23.52	24	0
5	QPSK	1	12	23.40	23.79	23.53		
5	QPSK	1	24	23.39	23.39	23.28		
5	QPSK	12	0	21.75	21.60	21.70	23	1
5	QPSK	12	7	21.85	21.68	21.80		
5	QPSK	12	13	21.76	21.68	21.73		
5	QPSK	25	0	21.88	21.65	21.70		
5	16QAM	1	0	22.28	21.68	22.40	23	1
5	16QAM	1	12	21.94	21.62	22.16		
5	16QAM	1	24	21.94	21.78	22.35		
5	16QAM	12	0	20.76	20.77	20.70	22	2
5	16QAM	12	7	20.84	20.86	20.83		
5	16QAM	12	13	20.86	20.85	20.78		
5	16QAM	25	0	20.83	20.67	20.80		
5	64QAM	1	0	21.13	21.08	21.12	22	2
5	64QAM	1	12	21.06	21.03	21.00		
5	64QAM	1	24	20.99	21.16	20.96		
5	64QAM	12	0	19.75	19.86	19.61	21	3
5	64QAM	12	7	19.72	19.75	19.84		
5	64QAM	12	13	19.75	19.95	19.79		
5	64QAM	25	0	19.90	19.81	19.82		
5	256QAM	1	0	18.79	18.81	18.76	19	5
5	256QAM	1	12	18.63	18.68	18.61		
5	256QAM	1	24	18.72	18.74	18.76		
5	256QAM	12	0	18.79	18.72	18.72	19	5
5	256QAM	12	7	18.69	18.62	18.64		
5	256QAM	12	13	18.72	18.72	18.70		
5	256QAM	25	0	18.71	18.79	18.80		

Band 14_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency [MHz]					790.0			
5	QPSK	1	0		22.82		24	0
5	QPSK	1	12		22.82			
5	QPSK	1	24		22.81		23	1
5	QPSK	12	0		21.82			
5	QPSK	12	12		21.82			
5	QPSK	12	13		21.81			
5	QPSK	25	0		22.12		23	1
5	16QAM	1	0		21.12		22	2
5	16QAM	1	12		21.12			
5	16QAM	1	24		21.11			
5	16QAM	12	0		20.12		21	3
5	16QAM	12	12		20.12			
5	16QAM	12	13		20.11			
5	16QAM	25	0		20.37		19	5
5	64QAM	1	0		19.37			
5	64QAM	1	12		19.37			
5	64QAM	1	24		19.37			
5	64QAM	12	0		18.37		19	5
5	64QAM	12	12		18.37			
5	64QAM	12	13		18.37			
5	64QAM	25	0		18.62			
Channel				23230	23230	23230	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				790.0	790.0	790.0		
5	QPSK	1	0	22.82	22.82	22.86	24	0
5	QPSK	1	12	22.82	22.82	22.86		
5	QPSK	1	24	22.81	22.81	22.87	23	1
5	QPSK	12	0	21.82	21.82	21.87		
5	QPSK	12	12	21.82	21.82	21.87		
5	QPSK	12	13	21.81	21.81	21.87		
5	QPSK	25	0	22.12	22.12	22.16	23	1
5	16QAM	1	0	21.12	21.12	21.17	22	2
5	16QAM	1	12	21.12	21.12	21.17		
5	16QAM	1	24	21.11	21.11	21.17		
5	16QAM	12	0	20.12	20.12	20.17	21	3
5	16QAM	12	12	20.12	20.12	20.17		
5	16QAM	12	13	20.11	20.11	20.17		
5	16QAM	25	0	20.37	20.37	20.42	19	5
5	64QAM	1	0	19.37	19.37	19.42		
5	64QAM	1	12	19.37	19.37	19.42		
5	64QAM	1	24	19.37	19.37	19.42		
5	64QAM	12	0	18.37	18.37	18.42	19	5
5	64QAM	12	12	18.37	18.37	18.42		
5	64QAM	12	13	18.37	18.37	18.42		
5	64QAM	25	0	18.62	18.62	18.65		

Band 14_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency [MHz]					790.0			
5	QPSK	1	0		22.82		24	0
5	QPSK	1	12		22.82			
5	QPSK	1	24		22.81		23	1
5	QPSK	12	0		21.82			
5	QPSK	12	12		21.82			
5	QPSK	12	13		21.81			
5	QPSK	25	0		22.12		23	1
5	16QAM	1	0		21.12		22	2
5	16QAM	1	12		21.12			
5	16QAM	1	24		21.11			
5	16QAM	12	0		20.12		21	3
5	16QAM	12	12		20.12			
5	16QAM	12	13		20.11			
5	16QAM	25	0		20.37		19	5
5	64QAM	1	0		19.37			
5	64QAM	1	12		19.37			
5	64QAM	1	24		19.37			
5	64QAM	12	0		18.37		19	5
5	64QAM	12	12		18.37			
5	64QAM	12	13		18.37			
5	64QAM	25	0		18.62			
Channel				23230	23230	23230	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				790.0	790.0	790.0		
5	QPSK	1	0	22.82	22.82	22.86	24	0
5	QPSK	1	12	22.82	22.82	22.86		
5	QPSK	1	24	22.81	22.81	22.87	23	1
5	QPSK	12	0	21.82	21.82	21.87		
5	QPSK	12	12	21.82	21.82	21.87		
5	QPSK	12	13	21.81	21.81	21.87		
5	QPSK	25	0	22.12	22.12	22.16	23	1
5	16QAM	1	0	21.12	21.12	21.17	22	2
5	16QAM	1	12	21.12	21.12	21.17		
5	16QAM	1	24	21.11	21.11	21.17		
5	16QAM	12	0	20.12	20.12	20.17	21	3
5	16QAM	12	12	20.12	20.12	20.17		
5	16QAM	12	13	20.11	20.11	20.17		
5	16QAM	25	0	20.37	20.37	20.42	19	5
5	64QAM	1	0	19.37	19.37	19.42		
5	64QAM	1	12	19.37	19.37	19.42		
5	64QAM	1	24	19.37	19.37	19.42		
5	64QAM	12	0	18.37	18.37	18.42	19	5
5	64QAM	12	12	18.37	18.37	18.42		
5	64QAM	12	13	18.37	18.37	18.42		
5	64QAM	25	0	18.62	18.62	18.65		

Band 17_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23790			
Frequency [MHz]					707.5			
5	QPSK	1	0		22.82		24	0
5	QPSK	1	12		22.82			
5	QPSK	1	24		22.81		23	1
5	QPSK	12	0		21.82			
5	QPSK	12	12		21.82			
5	QPSK	12	13		21.81			
5	QPSK	25	0		22.12		23	1
5	16QAM	1	0		21.12		22	2
5	16QAM	1	12		21.12			
5	16QAM	1	24		21.11			
5	16QAM	12	0		20.12		21	3
5	16QAM	12	12		20.12			
5	16QAM	12	13		20.11			
5	16QAM	25	0		20.37		19	5
5	64QAM	1	0		19.37			
5	64QAM	1	12		19.37			
5	64QAM	1	24		19.37			
5	64QAM	12	0		18.37		19	5
5	64QAM	12	12		18.37			
5	64QAM	12	13		18.37			
5	64QAM	25	0		18.62			
Channel				23790	23790	23790	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				707.5	707.5	707.5		
5	QPSK	1	0	22.82	22.82	22.86	24	0
5	QPSK	1	12	22.82	22.82	22.86		
5	QPSK	1	24	22.81	22.81	22.87	23	1
5	QPSK	12	0	21.82	21.82	21.87		
5	QPSK	12	12	21.82	21.82	21.87		
5	QPSK	12	13	21.81	21.81	21.87		
5	QPSK	25	0	22.12	22.12	22.16	23	1
5	16QAM	1	0	21.12	21.12	21.17	22	2
5	16QAM	1	12	21.12	21.12	21.17		
5	16QAM	1	24	21.11	21.11	21.17		
5	16QAM	12	0	20.12	20.12	20.17	21	3
5	16QAM	12	12	20.12	20.12	20.17		
5	16QAM	12	13	20.11	20.11	20.17		
5	16QAM	25	0	20.37	20.37	20.42	19	5
5	64QAM	1	0	19.37	19.37	19.42		
5	64QAM	1	12	19.37	19.37	19.42		
5	64QAM	1	24	19.37	19.37	19.42		
5	64QAM	12	0	18.37	18.37	18.42	19	5
5	64QAM	12	12	18.37	18.37	18.42		
5	64QAM	12	13	18.37	18.37	18.42		
5	64QAM	25	0	18.62	18.62	18.65		

Band 17_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23790			
Frequency [MHz]					707.5			
5	QPSK	1	0		22.82		24	0
5	QPSK	1	12		22.82			
5	QPSK	1	24		22.81		23	1
5	QPSK	12	0		21.82			
5	QPSK	12	12		21.82			
5	QPSK	12	13		21.81			
5	QPSK	25	0		22.12		23	1
5	16QAM	1	0		21.12		22	2
5	16QAM	1	12		21.12			
5	16QAM	1	24		21.11			
5	16QAM	12	0		20.12		21	3
5	16QAM	12	12		20.12			
5	16QAM	12	13		20.11			
5	16QAM	25	0		20.37		19	5
5	64QAM	1	0		19.37			
5	64QAM	1	12		19.37			
5	64QAM	1	24		19.37			
5	64QAM	12	0		18.37		19	5
5	64QAM	12	12		18.37			
5	64QAM	12	13		18.37			
5	64QAM	25	0		18.62			
Channel				23790	23790	23790	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				707.5	707.5	707.5		
5	QPSK	1	0	22.82	22.82	22.86	24	0
5	QPSK	1	12	22.82	22.82	22.86		
5	QPSK	1	24	22.81	22.81	22.87	23	1
5	QPSK	12	0	21.82	21.82	21.87		
5	QPSK	12	12	21.82	21.82	21.87		
5	QPSK	12	13	21.81	21.81	21.87		
5	QPSK	25	0	22.12	22.12	22.16	23	1
5	16QAM	1	0	21.12	21.12	21.17	22	2
5	16QAM	1	12	21.12	21.12	21.17		
5	16QAM	1	24	21.11	21.11	21.17		
5	16QAM	12	0	20.12	20.12	20.17	21	3
5	16QAM	12	12	20.12	20.12	20.17		
5	16QAM	12	13	20.11	20.11	20.17		
5	16QAM	25	0	20.37	20.37	20.42	19	5
5	64QAM	1	0	19.37	19.37	19.42		
5	64QAM	1	12	19.37	19.37	19.42		
5	64QAM	1	24	19.37	19.37	19.42		
5	64QAM	12	0	18.37	18.37	18.42	19	5
5	64QAM	12	12	18.37	18.37	18.42		
5	64QAM	12	13	18.37	18.37	18.42		
5	64QAM	25	0	18.62	18.62	18.65		

Band 25_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.27	23.35	23.23	24	0
20	QPSK	1	49	22.97	23.00	23.02		
20	QPSK	1	99	22.83	22.89	22.96		
20	QPSK	50	0	22.18	22.26	22.13	23	1
20	QPSK	50	24	22.09	22.07	22.10		
20	QPSK	50	50	22.02	22.08	22.08		
20	QPSK	100	0	22.04	22.13	22.11		
20	16QAM	1	0	22.22	22.40	22.30	23	1
20	16QAM	1	49	22.30	22.32	22.37		
20	16QAM	1	99	22.23	22.27	22.28		
20	16QAM	50	0	21.08	21.07	21.09	22	2
20	16QAM	50	24	21.06	21.05	21.09		
20	16QAM	50	50	21.05	21.08	21.14		
20	16QAM	100	0	21.07	21.05	21.13		
20	64QAM	1	0	21.05	21.22	21.19	22	2
20	64QAM	1	49	21.21	21.16	21.24		
20	64QAM	1	99	21.21	21.13	21.20		
20	64QAM	50	0	20.12	20.09	20.11	21	3
20	64QAM	50	24	20.10	20.09	20.16		
20	64QAM	50	50	20.07	20.10	20.15		
20	64QAM	100	0	20.09	20.07	20.09		
20	256QAM	1	0	17.93	17.97	18.00	19	5
20	256QAM	1	49	18.02	17.92	17.97		
20	256QAM	1	99	18.00	17.89	17.92		
20	256QAM	50	0	18.01	17.90	17.97	19	5
20	256QAM	50	24	17.86	17.88	18.04		
20	256QAM	50	50	17.91	17.96	17.99		
20	256QAM	100	0	17.98	17.84	17.91		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.96	22.98	23.01	24	0
15	QPSK	1	37	22.93	22.98	23.02		
15	QPSK	1	74	22.85	22.92	22.94		
15	QPSK	36	0	22.12	22.11	22.14	23	1
15	QPSK	36	20	22.06	22.10	22.20		
15	QPSK	36	39	21.99	22.05	22.09		
15	QPSK	75	0	22.04	22.03	22.18		
15	16QAM	1	0	22.32	22.37	22.38	23	1
15	16QAM	1	37	22.25	22.24	22.37		
15	16QAM	1	74	22.21	22.32	22.36		
15	16QAM	36	0	21.11	21.11	21.19	22	2
15	16QAM	36	20	21.11	21.13	21.17		
15	16QAM	36	39	21.00	21.04	21.10		
15	16QAM	75	0	21.10	21.05	21.19		
15	64QAM	1	0	21.20	21.24	21.22	22	2
15	64QAM	1	37	21.15	21.19	21.21		
15	64QAM	1	74	21.18	21.12	21.23		
15	64QAM	36	0	20.17	20.14	20.19	21	3
15	64QAM	36	20	20.12	20.18	20.22		
15	64QAM	36	39	20.03	20.09	20.15		
15	64QAM	75	0	20.08	20.04	20.23		
15	256QAM	1	0	17.93	18.06	17.95	19	5
15	256QAM	1	37	17.98	17.94	17.93		
15	256QAM	1	74	18.00	17.90	17.93		
15	256QAM	36	0	18.04	17.89	17.98	19	5
15	256QAM	36	20	17.88	17.98	18.12		
15	256QAM	36	39	17.92	17.97	18.03		
15	256QAM	75	0	17.98	17.86	17.91		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.08	23.19	23.29	24	0
10	QPSK	1	25	23.03	23.15	23.19		
10	QPSK	1	49	22.90	23.00	23.24		
10	QPSK	25	0	22.26	22.24	22.32	23	1
10	QPSK	25	12	22.24	22.21	22.30		
10	QPSK	25	25	22.10	22.21	22.26		
10	QPSK	50	0	22.20	22.27	22.27		
10	16QAM	1	0	22.47	22.45	22.59	23	1
10	16QAM	1	25	22.48	22.54	22.60		
10	16QAM	1	49	22.36	22.41	22.58		
10	16QAM	25	0	21.29	21.30	21.29	22	2
10	16QAM	25	12	21.27	21.28	21.35		
10	16QAM	25	25	21.11	21.21	21.28		
10	16QAM	50	0	21.21	21.28	21.28		
10	64QAM	1	0	21.28	21.37	21.44	22	2
10	64QAM	1	25	21.25	21.36	21.43		
10	64QAM	1	49	21.21	21.31	21.50		
10	64QAM	25	0	20.32	20.32	20.37	21	3
10	64QAM	25	12	20.28	20.28	20.36		
10	64QAM	25	25	20.16	20.24	20.30		
10	64QAM	50	0	20.24	20.31	20.30		
10	256QAM	1	0	17.97	18.02	18.05	19	5
10	256QAM	1	25	17.99	17.94	17.93		
10	256QAM	1	49	17.93	17.98	17.99		
10	256QAM	25	0	18.00	17.94	17.90	19	5
10	256QAM	25	12	17.95	17.98	18.03		
10	256QAM	25	25	17.95	18.06	18.02		
10	256QAM	50	0	17.98	17.84	17.96		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.13	23.22	23.25	24	0
5	QPSK	1	12	23.13	23.21	23.27		
5	QPSK	1	24	23.01	23.09	23.29		
5	QPSK	12	0	22.19	22.21	22.33	23	1
5	QPSK	12	7	22.19	22.29	22.33		
5	QPSK	12	13	22.14	22.22	22.29		
5	QPSK	25	0	22.18	22.26	22.30		
5	16QAM	1	0	22.52	22.68	22.59	23	1
5	16QAM	1	12	22.63	22.61	22.62		
5	16QAM	1	24	22.41	22.50	22.66		
5	16QAM	12	0	21.26	21.28	21.40	22	2
5	16QAM	12	7	21.24	21.33	21.37		
5	16QAM	12	13	21.17	21.24	21.34		
5	16QAM	25	0	21.20	21.29	21.35		
5	64QAM	1	0	21.38	21.36	21.48	22	2
5	64QAM	1	12	21.27	21.36	21.37		
5	64QAM	1	24	21.20	21.32	21.45		
5	64QAM	12	0	20.26	20.27	20.39	21	3
5	64QAM	12	7	20.28	20.34	20.39		
5	64QAM	12	13	20.21	20.27	20.31		
5	64QAM	25	0	20.21	20.30	20.33		
5	256QAM	1	0	17.97	18.00	17.97	19	5
5	256QAM	1	12	18.00	17.93	18.04		
5	256QAM	1	24	17.98	17.92	18.00		
5	256QAM	12	0	18.02	17.95	17.88	19	5
5	256QAM	12	7	17.93	17.94	18.04		
5	256QAM	12	13	17.93	18.01	18.00		
5	256QAM	25	0	17.98	17.93	17.95		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.12	23.25	23.28	24	0
3	QPSK	1	8	23.11	23.27	23.31		
3	QPSK	1	14	23.02	23.15	23.23		
3	QPSK	8	0	22.20	22.26	22.30	23	1
3	QPSK	8	4	22.20	22.25	22.32		
3	QPSK	8	7	22.13	22.25	22.31		
3	QPSK	15	0	22.18	22.26	22.29		
3	16QAM	1	0	22.56	22.59	22.64	23	1
3	16QAM	1	8	22.62	22.64	22.78		
3	16QAM	1	14	22.41	22.59	22.55		
3	16QAM	8	0	21.26	21.34	21.37	22	2
3	16QAM	8	4	21.28	21.38	21.37		
3	16QAM	8	7	21.23	21.28	21.33		
3	16QAM	15	0	21.18	21.34	21.36		
3	64QAM	1	0	21.35	21.44	21.50	22	2
3	64QAM	1	8	21.32	21.47	21.57		
3	64QAM	1	14	21.21	21.38	21.48		
3	64QAM	8	0	20.29	20.37	20.43	21	3
3	64QAM	8	4	20.32	20.40	20.38		
3	64QAM	8	7	20.26	20.31	20.42		
3	64QAM	15	0	20.22	20.35	20.42		
3	256QAM	1	0	17.99	17.97	17.99	19	5
3	256QAM	1	8	18.06	17.90	17.93		
3	256QAM	1	14	17.94	17.91	17.98		
3	256QAM	8	0	17.99	17.86	17.96	19	5
3	256QAM	8	4	17.88	17.89	18.04		
3	256QAM	8	7	17.86	18.06	17.99		
3	256QAM	15	0	17.97	17.93	17.96		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.02	23.21	23.18	24	0
1.4	QPSK	1	3	23.08	23.20	23.25		
1.4	QPSK	1	5	23.00	23.08	23.11		
1.4	QPSK	3	0	22.96	23.19	23.09		
1.4	QPSK	3	1	22.98	23.12	23.15		
1.4	QPSK	3	3	22.95	23.00	23.08		
1.4	QPSK	6	0	22.15	22.16	22.25	23	1
1.4	16QAM	1	0	22.55	22.53	22.58	23	1
1.4	16QAM	1	3	22.53	22.52	22.70		
1.4	16QAM	1	5	22.32	22.54	22.50		
1.4	16QAM	3	0	22.44	22.43	22.57		
1.4	16QAM	3	1	22.51	22.46	22.59		
1.4	16QAM	3	3	22.21	22.47	22.45		
1.4	16QAM	6	0	21.07	21.22	21.25	22	2
1.4	64QAM	1	0	21.28	21.33	21.42	22	2
1.4	64QAM	1	3	21.28	21.40	21.49		
1.4	64QAM	1	5	21.17	21.31	21.47		
1.4	64QAM	3	0	21.23	21.21	21.33		
1.4	64QAM	3	1	21.17	21.34	21.45		
1.4	64QAM	3	3	21.09	21.22	21.36		
1.4	64QAM	6	0	20.19	20.30	20.30	21	3
1.4	256QAM	1	0	17.88	17.94	17.87	19	5
1.4	256QAM	1	3	17.95	17.80	17.92		
1.4	256QAM	1	5	17.83	17.81	17.90		
1.4	256QAM	3	0	17.88	17.78	17.92		
1.4	256QAM	3	1	17.87	17.81	17.97		
1.4	256QAM	3	3	17.76	18.05	17.88		
1.4	256QAM	6	0	17.92	17.86	17.93	19	5

Band 25_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.52	15.53	15.45	17	0
20	QPSK	1	49	15.28	15.24	15.03		
20	QPSK	1	99	15.14	15.14	15.18		
20	QPSK	50	0	15.32	15.41	15.23	17	0
20	QPSK	50	24	15.31	15.35	15.19		
20	QPSK	50	50	15.29	15.30	15.13		
20	QPSK	100	0	15.24	15.39	15.05		
20	16QAM	1	0	15.42	15.41	15.28	17	0
20	16QAM	1	49	15.16	15.22	14.94		
20	16QAM	1	99	15.08	15.09	15.13		
20	16QAM	50	0	15.30	15.38	15.21	17	0
20	16QAM	50	24	15.24	15.33	15.18		
20	16QAM	50	50	15.22	15.21	15.11		
20	16QAM	100	0	15.17	15.36	14.98		
20	64QAM	1	0	15.34	15.41	15.28	17	0
20	64QAM	1	49	15.29	15.19	14.91		
20	64QAM	1	99	15.08	15.08	15.16		
20	64QAM	50	0	15.29	15.35	15.15	17	0
20	64QAM	50	24	15.23	15.35	15.07		
20	64QAM	50	50	15.30	15.23	15.03		
20	64QAM	100	0	15.21	15.28	15.03		
20	256QAM	1	0	15.32	15.43	15.28	17	0
20	256QAM	1	49	15.24	15.16	14.98		
20	256QAM	1	99	15.07	15.06	15.12		
20	256QAM	50	0	15.29	15.33	15.18	17	0
20	256QAM	50	24	15.24	15.28	15.16		
20	256QAM	50	50	15.28	15.24	15.05		
20	256QAM	100	0	15.22	15.35	15.00		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.40	15.36	15.31	17	0
15	QPSK	1	37	15.22	15.20	15.02		
15	QPSK	1	74	15.04	15.05	15.14		
15	QPSK	36	0	15.28	15.35	15.15	17	0
15	QPSK	36	20	15.25	15.34	15.14		
15	QPSK	36	39	15.21	15.25	15.08		
15	QPSK	75	0	15.21	15.34	14.98		
15	16QAM	1	0	15.40	15.30	15.29	17	0
15	16QAM	1	37	15.08	15.20	14.87		
15	16QAM	1	74	15.05	15.05	15.02		
15	16QAM	36	0	15.21	15.33	15.16	17	0
15	16QAM	36	20	15.21	15.24	15.12		
15	16QAM	36	39	15.11	15.19	15.09		
15	16QAM	75	0	15.15	15.27	14.92		
15	64QAM	1	0	15.32	15.35	15.17	17	0
15	64QAM	1	37	15.24	15.07	14.82		
15	64QAM	1	74	14.97	15.03	15.08		
15	64QAM	36	0	15.28	15.24	15.10	17	0
15	64QAM	36	20	15.21	15.24	15.01		
15	64QAM	36	39	15.25	15.17	14.92		
15	64QAM	75	0	15.19	15.17	14.98		
15	256QAM	1	0	15.28	15.37	15.28	17	0
15	256QAM	1	37	15.17	15.15	14.99		
15	256QAM	1	74	15.02	14.97	15.01		
15	256QAM	36	0	15.24	15.25	15.07	17	0
15	256QAM	36	20	15.20	15.18	15.11		
15	256QAM	36	39	15.25	15.16	15.01		
15	256QAM	75	0	15.11	15.29	14.90		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.41	15.41	15.35	17	0
10	QPSK	1	25	15.23	15.17	14.97		
10	QPSK	1	49	15.02	15.13	15.06		
10	QPSK	25	0	15.26	15.35	15.21	17	0
10	QPSK	25	12	15.25	15.33	15.12		
10	QPSK	25	25	15.23	15.30	15.14		
10	QPSK	50	0	15.25	15.38	14.98		
10	16QAM	1	0	15.35	15.40	15.20	17	0
10	16QAM	1	25	15.15	15.11	14.87		
10	16QAM	1	49	15.04	15.04	15.09		
10	16QAM	25	0	15.23	15.36	15.13	17	0
10	16QAM	25	12	15.19	15.27	15.10		
10	16QAM	25	25	15.22	15.10	15.09		
10	16QAM	50	0	15.16	15.26	14.95		
10	64QAM	1	0	15.34	15.38	15.27	17	0
10	64QAM	1	25	15.21	15.12	14.87		
10	64QAM	1	49	15.08	15.02	15.14		
10	64QAM	25	0	15.29	15.31	15.07	17	0
10	64QAM	25	12	15.18	15.30	15.02		
10	64QAM	25	25	15.29	15.17	14.99		
10	64QAM	50	0	15.17	15.22	14.97		
10	256QAM	1	0	15.25	15.43	15.23	17	0
10	256QAM	1	25	15.13	15.09	14.93		
10	256QAM	1	49	15.01	15.02	15.06		
10	256QAM	25	0	15.20	15.29	15.07	17	0
10	256QAM	25	12	15.15	15.21	15.16		
10	256QAM	25	25	15.23	15.23	14.94		
10	256QAM	50	0	15.19	15.32	14.91		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.41	15.42	15.33	17	0
5	QPSK	1	12	15.23	15.20	14.94		
5	QPSK	1	24	15.11	15.13	15.11		
5	QPSK	12	0	15.28	15.35	15.18	17	0
5	QPSK	12	7	15.20	15.32	15.15		
5	QPSK	12	13	15.24	15.21	15.10		
5	QPSK	25	0	15.12	15.33	15.03		
5	16QAM	1	0	15.31	15.36	15.28	17	0
5	16QAM	1	12	15.10	15.18	14.91		
5	16QAM	1	24	15.07	14.97	15.12		
5	16QAM	12	0	15.26	15.38	15.14	17	0
5	16QAM	12	7	15.13	15.22	15.13		
5	16QAM	12	13	15.17	15.17	15.04		
5	16QAM	25	0	15.18	15.36	14.90		
5	64QAM	1	0	15.32	15.37	15.27	17	0
5	64QAM	1	12	15.22	15.09	14.83		
5	64QAM	1	24	15.00	14.99	15.10		
5	64QAM	12	0	15.23	15.31	15.06	17	0
5	64QAM	12	7	15.13	15.24	15.01		
5	64QAM	12	13	15.25	15.12	14.97		
5	64QAM	25	0	15.13	15.18	14.99		
5	256QAM	1	0	15.26	15.36	15.28	17	0
5	256QAM	1	12	15.12	15.11	14.91		
5	256QAM	1	24	15.00	14.96	15.08		
5	256QAM	12	0	15.28	15.24	15.18	17	0
5	256QAM	12	7	15.16	15.23	15.08		
5	256QAM	12	13	15.19	15.15	15.03		
5	256QAM	25	0	15.20	15.29	14.91		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.31	15.37	15.24	17	0
3	QPSK	1	8	15.22	15.20	14.99		
3	QPSK	1	14	15.13	15.08	15.10		
3	QPSK	8	0	15.29	15.41	15.17	17	0
3	QPSK	8	4	15.24	15.24	15.19		
3	QPSK	8	7	15.29	15.19	15.05		
3	QPSK	15	0	15.22	15.37	14.97		
3	16QAM	1	0	15.34	15.38	15.26	17	0
3	16QAM	1	8	15.10	15.19	14.90		
3	16QAM	1	14	15.08	15.06	15.06		
3	16QAM	8	0	15.25	15.34	15.17	17	0
3	16QAM	8	4	15.13	15.31	15.13		
3	16QAM	8	7	15.22	15.16	15.06		
3	16QAM	15	0	15.09	15.32	14.94		
3	64QAM	1	0	15.32	15.30	15.19	17	0
3	64QAM	1	8	15.29	15.11	14.84		
3	64QAM	1	14	14.97	15.03	15.14		
3	64QAM	8	0	15.25	15.33	15.10	17	0
3	64QAM	8	4	15.14	15.28	14.98		
3	64QAM	8	7	15.22	15.18	14.98		
3	64QAM	15	0	15.20	15.23	15.03		
3	256QAM	1	0	15.26	15.35	15.24	17	0
3	256QAM	1	8	15.21	15.10	14.96		
3	256QAM	1	14	14.98	14.96	15.10		
3	256QAM	8	0	15.20	15.25	15.11	17	0
3	256QAM	8	4	15.21	15.16	15.11		
3	256QAM	8	7	15.23	15.16	14.99		
3	256QAM	15	0	15.15	15.31	14.93		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.37	15.42	15.27	17	0
1.4	QPSK	1	3	15.25	15.19	15.04		
1.4	QPSK	1	5	15.08	15.08	15.10		
1.4	QPSK	3	0	15.24	15.38	15.18		
1.4	QPSK	3	1	15.26	15.29	15.17		
1.4	QPSK	3	3	15.24	15.20	15.07		
1.4	QPSK	6	0	15.21	15.34	14.99	17	0
1.4	16QAM	1	0	15.33	15.37	15.24	17	0
1.4	16QAM	1	3	15.11	15.17	14.84		
1.4	16QAM	1	5	15.03	15.00	15.04		
1.4	16QAM	3	0	15.20	15.33	15.13		
1.4	16QAM	3	1	15.20	15.31	15.12		
1.4	16QAM	3	3	15.14	15.14	15.06		
1.4	16QAM	6	0	15.12	15.34	14.98	17	0
1.4	64QAM	1	0	15.27	15.35	15.24	17	0
1.4	64QAM	1	3	15.24	15.13	14.87		
1.4	64QAM	1	5	15.01	15.01	15.11		
1.4	64QAM	3	0	15.28	15.24	15.12		
1.4	64QAM	3	1	15.23	15.30	15.03		
1.4	64QAM	3	3	15.23	15.19	14.98		
1.4	64QAM	6	0	15.11	15.17	14.96	17	0
1.4	256QAM	1	0	15.32	15.34	15.25	17	0
1.4	256QAM	1	3	15.19	15.04	14.96		
1.4	256QAM	1	5	15.02	14.99	15.07		
1.4	256QAM	3	0	15.21	15.28	15.17		
1.4	256QAM	3	1	15.14	15.23	15.17		
1.4	256QAM	3	3	15.20	15.12	15.01		
1.4	256QAM	6	0	15.19	15.32	14.99	17	0

Band 26_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.04	23.13	23.01	24	0
15	QPSK	1	37	22.97	23.06	22.95		
15	QPSK	1	74	22.93	23.02	22.87		
15	QPSK	36	0	22.12	22.19	22.07	23	1
15	QPSK	36	20	22.05	22.15	22.04		
15	QPSK	36	39	22.02	22.08	22.05		
15	QPSK	75	0	22.07	22.24	22.08		
15	16QAM	1	0	22.42	22.39	22.36	23	1
15	16QAM	1	37	22.31	22.43	22.26		
15	16QAM	1	74	22.33	22.43	22.23		
15	16QAM	36	0	21.05	21.21	21.07	22	2
15	16QAM	36	20	21.09	21.20	21.12		
15	16QAM	36	39	21.11	21.25	21.12		
15	16QAM	75	0	21.18	21.23	21.06		
15	64QAM	1	0	21.25	21.23	21.21	22	2
15	64QAM	1	37	21.24	21.35	21.21		
15	64QAM	1	74	21.21	21.22	21.05		
15	64QAM	36	0	20.07	20.27	20.11	21	3
15	64QAM	36	20	20.14	20.23	20.16		
15	64QAM	36	39	20.14	20.28	20.14		
15	64QAM	75	0	20.15	20.20	20.08		
15	256QAM	1	0	17.86	18.13	17.93	19	5
15	256QAM	1	37	17.92	18.13	18.07		
15	256QAM	1	74	18.09	18.19	18.04		
15	256QAM	36	0	17.98	18.18	17.90	19	5
15	256QAM	36	20	18.00	18.09	18.03		
15	256QAM	36	39	18.00	18.16	17.97		
15	256QAM	75	0	18.09	18.05	17.92		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.90	23.06	22.90	24	0
10	QPSK	1	25	22.96	23.02	22.87		
10	QPSK	1	49	22.82	22.94	22.77		
10	QPSK	25	0	21.94	22.07	22.04	23	1
10	QPSK	25	12	21.96	22.13	21.98		
10	QPSK	25	25	21.96	22.07	22.00		
10	QPSK	50	0	22.02	22.23	22.01		
10	16QAM	1	0	22.41	22.29	22.25	23	1
10	16QAM	1	25	22.21	22.36	22.16		
10	16QAM	1	49	22.23	22.39	22.15		
10	16QAM	25	0	20.95	21.16	20.96	22	2
10	16QAM	25	12	21.05	21.17	21.00		
10	16QAM	25	25	21.08	21.20	21.09		
10	16QAM	50	0	21.11	21.13	20.97		
10	64QAM	1	0	21.18	21.22	21.20	22	2
10	64QAM	1	25	21.14	21.34	21.20		
10	64QAM	1	49	21.16	21.16	21.03		
10	64QAM	25	0	19.98	20.25	20.04	21	3
10	64QAM	25	12	20.03	20.16	20.15		
10	64QAM	25	25	20.08	20.19	20.13		
10	64QAM	50	0	20.13	20.15	20.07		
10	256QAM	1	0	17.86	18.22	18.00	19	5
10	256QAM	1	25	18.01	18.11	18.05		
10	256QAM	1	49	17.99	18.19	17.96		
10	256QAM	25	0	17.88	18.20	18.00	19	5
10	256QAM	25	12	18.01	18.12	17.94		
10	256QAM	25	25	17.98	18.14	18.00		
10	256QAM	50	0	18.09	18.05	17.95		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.72	22.92	22.66	24	0
5	QPSK	1	12	22.65	22.85	22.67		
5	QPSK	1	24	22.69	22.71	22.61		
5	QPSK	12	0	21.74	21.97	21.77	23	1
5	QPSK	12	7	21.81	21.85	21.74		
5	QPSK	12	13	21.75	21.85	21.82		
5	QPSK	25	0	21.75	21.96	21.78		
5	16QAM	1	0	22.11	22.08	22.12	23	1
5	16QAM	1	12	22.03	22.18	21.94		
5	16QAM	1	24	22.09	22.19	22.00		
5	16QAM	12	0	20.83	20.99	20.80	22	2
5	16QAM	12	7	20.77	20.93	20.82		
5	16QAM	12	13	20.85	21.04	20.90		
5	16QAM	25	0	20.93	20.99	20.75		
5	64QAM	1	0	20.98	20.93	20.95	22	2
5	64QAM	1	12	21.02	21.06	20.97		
5	64QAM	1	24	20.98	20.95	20.73		
5	64QAM	12	0	19.86	19.98	19.81	21	3
5	64QAM	12	7	19.86	19.92	19.87		
5	64QAM	12	13	19.83	20.00	19.88		
5	64QAM	25	0	19.89	19.94	19.79		
5	256QAM	1	0	17.68	17.95	17.71	19	5
5	256QAM	1	12	17.75	17.88	17.86		
5	256QAM	1	24	17.90	17.91	17.85		
5	256QAM	12	0	17.77	17.95	17.75	19	5
5	256QAM	12	7	17.77	17.91	17.72		
5	256QAM	12	13	17.82	18.04	17.78		
5	256QAM	25	0	17.82	17.91	17.75		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.67	22.84	22.75	24	0
3	QPSK	1	8	22.76	22.75	22.74		
3	QPSK	1	14	22.66	22.79	22.61		
3	QPSK	8	0	21.76	21.89	21.85	23	1
3	QPSK	8	4	21.83	21.84	21.81		
3	QPSK	8	7	21.79	21.77	21.79		
3	QPSK	15	0	21.83	22.03	21.83		
3	16QAM	1	0	22.14	22.13	22.07	23	1
3	16QAM	1	8	22.00	22.22	21.99		
3	16QAM	1	14	22.03	22.16	21.98		
3	16QAM	8	0	20.79	20.90	20.81	22	2
3	16QAM	8	4	20.80	20.89	20.82		
3	16QAM	8	7	20.84	20.96	20.89		
3	16QAM	15	0	20.90	20.92	20.75		
3	64QAM	1	0	21.00	20.96	21.00	22	2
3	64QAM	1	8	21.03	21.05	20.99		
3	64QAM	1	14	20.98	21.01	20.82		
3	64QAM	8	0	19.77	20.03	19.87	21	3
3	64QAM	8	4	19.88	19.97	19.87		
3	64QAM	8	7	19.92	20.02	19.83		
3	64QAM	15	0	19.91	19.92	19.77		
3	256QAM	1	0	17.68	17.99	17.81	19	5
3	256QAM	1	8	17.82	17.87	17.92		
3	256QAM	1	14	17.80	18.01	17.84		
3	256QAM	8	0	17.73	18.01	17.73	19	5
3	256QAM	8	4	17.79	17.84	17.81		
3	256QAM	8	7	17.83	17.97	17.77		
3	256QAM	15	0	17.85	17.95	17.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.73	22.87	22.74	24	0
1.4	QPSK	1	3	22.76	22.85	22.67		
1.4	QPSK	1	5	22.64	22.78	22.60		
1.4	QPSK	3	0	22.63	22.85	22.69		
1.4	QPSK	3	1	22.65	22.75	22.65		
1.4	QPSK	3	3	22.61	22.77	22.55		
1.4	QPSK	6	0	21.82	21.95	21.76	23	1
1.4	16QAM	1	0	22.19	22.14	22.09	23	1
1.4	16QAM	1	3	22.09	22.18	21.95		
1.4	16QAM	1	5	22.11	22.13	21.97		
1.4	16QAM	3	0	22.17	22.04	21.97		
1.4	16QAM	3	1	22.07	22.12	21.91		
1.4	16QAM	3	3	21.99	22.10	21.96		
1.4	16QAM	6	0	20.96	20.99	20.77	22	2
1.4	64QAM	1	0	21.00	20.97	20.94	22	2
1.4	64QAM	1	3	21.02	21.06	20.95		
1.4	64QAM	1	5	20.93	20.98	20.75		
1.4	64QAM	3	0	20.90	20.94	20.87		
1.4	64QAM	3	1	20.95	21.03	20.92		
1.4	64QAM	3	3	20.81	20.88	20.69		
1.4	64QAM	6	0	19.85	19.97	19.86	21	3
1.4	256QAM	1	0	17.66	17.97	17.78	19	5
1.4	256QAM	1	3	17.75	17.87	17.86		
1.4	256QAM	1	5	17.84	18.01	17.77		
1.4	256QAM	3	0	17.76	18.03	17.69		
1.4	256QAM	3	1	17.76	17.92	17.73		
1.4	256QAM	3	3	17.82	18.01	17.83		
1.4	256QAM	6	0	17.90	17.96	17.77	19	5

Band 26_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.06	21.34	21.19	22.7	0
15	QPSK	1	37	21.17	21.28	21.18		
15	QPSK	1	74	21.10	21.13	21.09		
15	QPSK	36	0	21.13	21.28	21.10	22.7	0
15	QPSK	36	20	21.18	21.22	21.11		
15	QPSK	36	39	21.01	21.09	20.99		
15	QPSK	75	0	21.09	21.18	21.06		
15	16QAM	1	0	21.14	21.32	21.10	22.7	0
15	16QAM	1	37	21.13	21.28	21.09		
15	16QAM	1	74	21.06	21.05	21.02		
15	16QAM	36	0	20.48	20.57	20.55	22	0.7
15	16QAM	36	20	20.57	20.58	20.56		
15	16QAM	36	39	20.52	20.62	20.56		
15	16QAM	75	0	20.64	20.61	20.51		
15	64QAM	1	0	20.72	20.56	20.67	22	0.7
15	64QAM	1	37	20.59	20.66	20.70		
15	64QAM	1	74	20.67	20.67	20.53		
15	64QAM	36	0	19.47	19.64	19.66	21	1.7
15	64QAM	36	20	19.66	19.55	19.64		
15	64QAM	36	39	19.62	19.61	19.63		
15	64QAM	75	0	19.65	19.56	19.61		
15	256QAM	1	0	17.44	17.42	17.40	19	3.7
15	256QAM	1	37	17.54	17.55	17.46		
15	256QAM	1	74	17.59	17.56	17.49		
15	256QAM	36	0	17.42	17.36	17.37	19	3.7
15	256QAM	36	20	17.45	17.47	17.44		
15	256QAM	36	39	17.46	17.46	17.52		
15	256QAM	75	0	17.46	17.48	17.43		
Channel				26740	26865	26990	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	0	21.13	21.28	21.07	22.7	0
10	QPSK	1	25	21.15	21.19	21.09		
10	QPSK	1	49	21.01	21.08	21.04		
10	QPSK	25	0	21.12	21.23	21.03	22.7	0
10	QPSK	25	12	21.10	21.14	21.06		
10	QPSK	25	25	20.95	21.02	20.97		
10	QPSK	50	0	21.06	21.12	20.99		
10	16QAM	1	0	21.11	21.26	21.02	22.7	0
10	16QAM	1	25	21.08	21.26	21.03		
10	16QAM	1	49	21.04	20.97	20.98		
10	16QAM	25	0	20.40	20.49	20.51	22	0.7
10	16QAM	25	12	20.50	20.50	20.55		
10	16QAM	25	25	20.46	20.61	20.46		
10	16QAM	50	0	20.61	20.56	20.46		
10	64QAM	1	0	20.66	20.47	20.65	22	0.7
10	64QAM	1	25	20.51	20.57	20.66		
10	64QAM	1	49	20.60	20.63	20.50		
10	64QAM	25	0	19.41	19.57	19.61	21	1.7
10	64QAM	25	12	19.57	19.43	19.55		
10	64QAM	25	25	19.52	19.53	19.57		
10	64QAM	50	0	19.65	19.50	19.58		
10	256QAM	1	0	17.44	17.34	17.37	19	3.7
10	256QAM	1	25	17.50	17.51	17.40		
10	256QAM	1	49	17.50	17.55	17.46		
10	256QAM	25	0	17.36	17.27	17.35	19	3.7
10	256QAM	25	12	17.42	17.44	17.40		
10	256QAM	25	25	17.40	17.39	17.47		
10	256QAM	50	0	17.43	17.41	17.37		
Channel				26715	26865	27015	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	0	21.16	21.33	21.13	22.7	0
5	QPSK	1	12	21.10	21.22	21.13		
5	QPSK	1	24	20.99	21.05	21.09		
5	QPSK	12	0	21.06	21.22	21.05	22.7	0
5	QPSK	12	7	21.11	21.17	21.02		
5	QPSK	12	13	20.99	21.03	20.90		
5	QPSK	25	0	21.05	21.12	20.98		
5	16QAM	1	0	21.08	21.31	21.05	22.7	0
5	16QAM	1	12	21.02	21.22	21.05		
5	16QAM	1	24	21.03	21.06	20.97		
5	16QAM	12	0	20.47	20.48	20.53	22	0.7
5	16QAM	12	7	20.55	20.51	20.48		
5	16QAM	12	13	20.46	20.59	20.54		
5	16QAM	25	0	20.57	20.60	20.45		
5	64QAM	1	0	20.67	20.47	20.58	22	0.7
5	64QAM	1	12	20.55	20.63	20.64		
5	64QAM	1	24	20.66	20.65	20.51		
5	64QAM	12	0	19.48	19.59	19.58	21	1.7
5	64QAM	12	7	19.60	19.43	19.60		
5	64QAM	12	13	19.57	19.53	19.58		
5	64QAM	25	0	19.64	19.48	19.59		
5	256QAM	1	0	17.39	17.33	17.34	19	3.7
5	256QAM	1	12	17.47	17.44	17.37		
5	256QAM	1	24	17.53	17.51	17.46		
5	256QAM	12	0	17.36	17.24	17.27	19	3.7
5	256QAM	12	7	17.39	17.43	17.37		
5	256QAM	12	13	17.44	17.38	17.45		
5	256QAM	25	0	17.43	17.43	17.37		
Channel				26705	26865	27025	Tune-up limit	MPR
Frequency (MHz)				815.5	831.5	847.5	(dBm)	(dB)
3	QPSK	1	0	21.12	21.26	21.13	22.7	0
3	QPSK	1	8	21.07	21.24	21.15		
3	QPSK	1	14	21.04	21.03	21.00		
3	QPSK	8	0	21.07	21.21	21.03	22.7	0
3	QPSK	8	4	21.12	21.19	21.01		
3	QPSK	8	7	20.90	21.06	20.96		
3	QPSK	15	0	21.04	21.14	21.02		
3	16QAM	1	0	21.10	21.22	21.02	22.7	0
3	16QAM	1	8	21.06	21.21	21.04		
3	16QAM	1	14	21.00	21.00	20.96		
3	16QAM	8	0	20.37	20.58	20.49	22	0.7
3	16QAM	8	4	20.55	20.53	20.50		
3	16QAM	8	7	20.51	20.62	20.53		
3	16QAM	15	0	20.60	20.55	20.48		
3	64QAM	1	0	20.72	20.49	20.65	22	0.7
3	64QAM	1	8	20.54	20.66	20.65		
3	64QAM	1	14	20.67	20.59	20.45		
3	64QAM	8	0	19.37	19.60	19.54	21	1.7
3	64QAM	8	4	19.56	19.44	19.62		
3	64QAM	8	7	19.63	19.61	19.59		
3	64QAM	15	0	19.60	19.53	19.58		
3	256QAM	1	0	17.35	17.34	17.37	19	3.7
3	256QAM	1	8	17.46	17.44	17.37		
3	256QAM	1	14	17.53	17.51	17.43		
3	256QAM	8	0	17.36	17.28	17.28	19	3.7
3	256QAM	8	4	17.42	17.44	17.41		
3	256QAM	8	7	17.38	17.43	17.47		
3	256QAM	15	0	17.38	17.40	17.36		
Channel				26697	26865	27033	Tune-up limit	MPR
Frequency (MHz)				814.7	831.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	21.14	21.23	21.15	22.7	0
1.4	QPSK	1	3	21.14	21.21	21.10		
1.4	QPSK	1	5	21.01	21.05	20.99		
1.4	QPSK	3	0	21.07	21.27	21.09		
1.4	QPSK	3	1	21.10	21.18	20.99		
1.4	QPSK	3	3	20.99	21.02	20.95		
1.4	QPSK	6	0	21.01	21.11	21.02	22.7	0
1.4	16QAM	1	0	21.10	21.27	21.07	22.7	0
1.4	16QAM	1	3	21.03	21.23	21.07		
1.4	16QAM	1	5	21.01	21.02	20.93		
1.4	16QAM	3	0	20.40	20.48	20.54		
1.4	16QAM	3	1	20.49	20.53	20.48		
1.4	16QAM	3	3	20.48	20.54	20.50		
1.4	16QAM	6	0	20.62	20.52	20.42	22	0.7
1.4	64QAM	1	0	20.67	20.48	20.63	22	0.7
1.4	64QAM	1	3	20.59	20.65	20.64		
1.4	64QAM	1	5	20.64	20.58	20.51		
1.4	64QAM	3	0	19.40	19.60	19.65		
1.4	64QAM	3	1	19.62	19.49	19.55		
1.4	64QAM	3	3	19.54	19.60	19.52		
1.4	64QAM	6	0	19.55	19.50	19.58	21	1.7
1.4	256QAM	1	0	17.37	17.42	17.38	19	3.7
1.4	256QAM	1	3	17.48	17.49	17.39		
1.4	256QAM	1	5	17.55	17.49	17.39		
1.4	256QAM	3	0	17.35	17.33	17.38		
1.4	256QAM	3	1	17.39	17.42	17.34		
1.4	256QAM	3	3	17.37	17.39	17.51		
1.4	256QAM	6	0	17.40	17.38	17.38	19	3.7

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.41		24	0
10	QPSK	1	25		23.38			
10	QPSK	1	49		23.31			
10	QPSK	25	0		22.53		23	1
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.40			
10	QPSK	50	0		22.41			
10	16QAM	1	0		22.69		23	1
10	16QAM	1	25		22.76			
10	16QAM	1	49		22.71			
10	16QAM	25	0		21.40		22	2
10	16QAM	25	12		21.56			
10	16QAM	25	25		21.42			
10	16QAM	50	0		21.42			
10	64QAM	1	0		21.66		22	2
10	64QAM	1	25		21.58			
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.44		21	3
10	64QAM	25	12		20.56			
10	64QAM	25	25		20.47			
10	64QAM	50	0		20.41			
10	256QAM	1	0		18.28		19	5
10	256QAM	1	25		18.47			
10	256QAM	1	49		18.26			
10	256QAM	25	0		18.26		19	5
10	256QAM	25	12		18.36			
10	256QAM	25	25		18.41			
10	256QAM	50	0		18.25			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	23.34	23.40	23.40	24	0
5	QPSK	1	12	23.39	23.32	23.40		
5	QPSK	1	24	23.36	23.34	23.29		
5	QPSK	12	0	22.27	22.41	22.44	23	1
5	QPSK	12	7	22.44	22.46	22.43		
5	QPSK	12	13	22.39	22.34	22.33		
5	QPSK	25	0	22.36	22.42	22.42		
5	16QAM	1	0	22.79	22.66	22.72	23	1
5	16QAM	1	12	22.76	22.80	22.78		
5	16QAM	1	24	22.66	22.71	22.69		
5	16QAM	12	0	21.34	21.48	21.46	22	2
5	16QAM	12	7	21.46	21.49	21.49		
5	16QAM	12	13	21.41	21.39	21.34		
5	16QAM	25	0	21.42	21.47	21.46		
5	64QAM	1	0	21.49	21.56	21.60	22	2
5	64QAM	1	12	21.47	21.59	21.51		
5	64QAM	1	24	21.51	21.49	21.54		
5	64QAM	12	0	20.35	20.49	20.44	21	3
5	64QAM	12	7	20.47	20.54	20.53		
5	64QAM	12	13	20.47	20.42	20.36		
5	64QAM	25	0	20.41	20.47	20.41		
5	256QAM	1	0	18.33	18.31	18.28	19	5
5	256QAM	1	12	18.46	18.38	18.46		
5	256QAM	1	24	18.33	18.35	18.38		
5	256QAM	12	0	18.26	18.21	18.38	19	5
5	256QAM	12	7	18.49	18.34	18.44		
5	256QAM	12	13	18.35	18.43	18.42		
5	256QAM	25	0	18.29	18.33	18.29		

Band 30_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		15.01		15.5	0
10	QPSK	1	25		14.98			
10	QPSK	1	49		14.85			
10	QPSK	25	0		14.99		15.5	0
10	QPSK	25	12		14.97			
10	QPSK	25	25		14.91			
10	QPSK	50	0		14.84			
10	16QAM	1	0		14.98		15.5	0
10	16QAM	1	25		14.97			
10	16QAM	1	49		14.92			
10	16QAM	25	0		14.94		15.5	0
10	16QAM	25	12		14.97			
10	16QAM	25	25		14.90			
10	16QAM	50	0		15.00			
10	64QAM	1	0		15.00		15.5	0
10	64QAM	1	25		14.93			
10	64QAM	1	49		14.87			
10	64QAM	25	0		14.94		15.5	0
10	64QAM	25	12		14.95			
10	64QAM	25	25		14.89			
10	64QAM	50	0		14.84			
10	256QAM	1	0		14.92		15.5	0
10	256QAM	1	25		14.90			
10	256QAM	1	49		14.91			
10	256QAM	25	0		14.92		15.5	0
10	256QAM	25	12		14.85			
10	256QAM	25	25		14.91			
10	256QAM	50	0		14.97			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	14.85	14.90	14.82	15.5	0
5	QPSK	1	12	14.68	14.95	14.86		
5	QPSK	1	24	14.84	14.84	14.93		
5	QPSK	12	0	14.63	14.81	14.80	15.5	0
5	QPSK	12	7	14.76	14.88	14.77		
5	QPSK	12	13	14.76	14.90	14.67		
5	QPSK	25	0	14.65	14.73	14.75		
5	16QAM	1	0	14.80	14.82	14.85	15.5	0
5	16QAM	1	12	14.64	14.89	14.72		
5	16QAM	1	24	14.79	14.90	14.86		
5	16QAM	12	0	14.76	14.87	14.86	15.5	0
5	16QAM	12	7	14.58	14.82	14.75		
5	16QAM	12	13	14.60	14.82	14.81		
5	16QAM	25	0	14.69	14.84	14.91		
5	64QAM	1	0	14.66	14.91	14.70	15.5	0
5	64QAM	1	12	14.57	14.82	14.73		
5	64QAM	1	24	14.66	14.81	14.70		
5	64QAM	12	0	14.73	14.81	14.77	15.5	0
5	64QAM	12	7	14.72	14.87	14.69		
5	64QAM	12	13	14.61	14.75	14.75		
5	64QAM	25	0	14.76	14.71	14.80		
5	256QAM	1	0	14.80	14.88	14.81	15.5	0
5	256QAM	1	12	14.79	14.86	14.83		
5	256QAM	1	24	14.75	14.87	14.90		
5	256QAM	12	0	14.69	14.79	14.75	15.5	0
5	256QAM	12	7	14.65	14.67	14.88		
5	256QAM	12	13	14.66	14.83	14.93		
5	256QAM	25	0	14.66	14.87	14.72		

Band 66_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.14	23.38	23.26	24	0
20	QPSK	1	49	23.12	23.21	23.20		
20	QPSK	1	99	23.06	23.12	23.02		
20	QPSK	50	0	22.29	22.33	22.30	23	1
20	QPSK	50	24	22.28	22.29	22.26		
20	QPSK	50	50	22.24	22.28	22.24		
20	QPSK	100	0	22.22	22.27	22.23		
20	16QAM	1	0	22.42	22.70	22.57	23	1
20	16QAM	1	49	22.41	22.52	22.47		
20	16QAM	1	99	22.38	22.50	22.40		
20	16QAM	50	0	21.19	21.36	21.31	22	2
20	16QAM	50	24	21.25	21.32	21.27		
20	16QAM	50	50	21.21	21.27	21.25		
20	16QAM	100	0	21.25	21.29	21.28		
20	64QAM	1	0	21.27	21.53	21.43	22	2
20	64QAM	1	49	21.36	21.46	21.47		
20	64QAM	1	99	21.24	21.36	21.30		
20	64QAM	50	0	20.22	20.32	20.37	21	3
20	64QAM	50	24	20.30	20.35	20.32		
20	64QAM	50	50	20.21	20.31	20.31		
20	64QAM	100	0	20.26	20.28	20.26		
20	256QAM	1	0	17.99	18.17	18.28	19	5
20	256QAM	1	49	18.17	18.30	18.24		
20	256QAM	1	99	18.08	18.07	18.16		
20	256QAM	50	0	18.14	18.20	18.33	19	5
20	256QAM	50	24	18.23	18.20	18.28		
20	256QAM	50	50	17.99	18.18	18.17		
20	256QAM	100	0	18.20	18.11	18.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.04	23.24	23.21	24	0
15	QPSK	1	37	23.09	23.19	23.16		
15	QPSK	1	74	23.01	23.09	23.05		
15	QPSK	36	0	22.14	22.31	22.30	23	1
15	QPSK	36	20	22.21	22.29	22.33		
15	QPSK	36	39	22.16	22.28	22.24		
15	QPSK	75	0	22.19	22.27	22.29		
15	16QAM	1	0	22.43	22.59	22.55	23	1
15	16QAM	1	37	22.38	22.52	22.43		
15	16QAM	1	74	22.41	22.45	22.42		
15	16QAM	36	0	21.14	21.29	21.25	22	2
15	16QAM	36	20	21.27	21.31	21.33		
15	16QAM	36	39	21.21	21.26	21.23		
15	16QAM	75	0	21.24	21.29	21.33		
15	64QAM	1	0	21.32	21.48	21.44	22	2
15	64QAM	1	37	21.29	21.30	21.40		
15	64QAM	1	74	21.29	21.31	21.26		
15	64QAM	36	0	20.15	20.40	20.34	21	3
15	64QAM	36	20	20.26	20.32	20.37		
15	64QAM	36	39	20.22	20.34	20.29		
15	64QAM	75	0	20.24	20.29	20.31		
15	256QAM	1	0	18.09	18.18	18.25	19	5
15	256QAM	1	37	18.17	18.33	18.17		
15	256QAM	1	74	18.08	18.09	18.26		
15	256QAM	36	0	18.10	18.13	18.28	19	5
15	256QAM	36	20	18.14	18.20	18.21		
15	256QAM	36	39	18.01	18.10	18.23		
15	256QAM	75	0	18.13	18.20	18.04		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.15	23.31	23.24	24	0
10	QPSK	1	25	23.13	23.26	23.22		
10	QPSK	1	49	23.08	23.23	23.15		
10	QPSK	25	0	22.30	22.41	22.34	23	1
10	QPSK	25	12	22.33	22.42	22.33		
10	QPSK	25	25	22.30	22.46	22.38		
10	QPSK	50	0	22.30	22.40	22.33		
10	16QAM	1	0	22.59	22.72	22.66	23	1
10	16QAM	1	25	22.54	22.74	22.65		
10	16QAM	1	49	22.55	22.66	22.60		
10	16QAM	25	0	21.34	21.41	21.37	22	2
10	16QAM	25	12	21.35	21.47	21.39		
10	16QAM	25	25	21.33	21.47	21.37		
10	16QAM	50	0	21.35	21.41	21.32		
10	64QAM	1	0	21.43	21.51	21.41	22	2
10	64QAM	1	25	21.30	21.45	21.41		
10	64QAM	1	49	21.40	21.47	21.38		
10	64QAM	25	0	20.39	20.46	20.38	21	3
10	64QAM	25	12	20.38	20.47	20.39		
10	64QAM	25	25	20.36	20.49	20.39		
10	64QAM	50	0	20.39	20.43	20.36		
10	256QAM	1	0	18.10	18.18	18.29	19	5
10	256QAM	1	25	18.12	18.24	18.24		
10	256QAM	1	49	18.09	18.09	18.17		
10	256QAM	25	0	18.15	18.14	18.24	19	5
10	256QAM	25	12	18.23	18.28	18.23		
10	256QAM	25	25	18.00	18.10	18.19		
10	256QAM	50	0	18.12	18.16	18.06		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.17	23.30	23.22	24	0
5	QPSK	1	12	23.14	23.32	23.26		
5	QPSK	1	24	23.12	23.27	23.21		
5	QPSK	12	0	22.25	22.33	22.36	23	1
5	QPSK	12	7	22.26	22.36	22.34		
5	QPSK	12	13	22.23	22.39	22.30		
5	QPSK	25	0	22.27	22.34	22.33		
5	16QAM	1	0	22.62	22.80	22.80	23	1
5	16QAM	1	12	22.67	22.76	22.64		
5	16QAM	1	24	22.55	22.72	22.63		
5	16QAM	12	0	21.30	21.39	21.37	22	2
5	16QAM	12	7	21.30	21.46	21.36		
5	16QAM	12	13	21.32	21.46	21.36		
5	16QAM	25	0	21.29	21.34	21.36		
5	64QAM	1	0	21.39	21.52	21.45	22	2
5	64QAM	1	12	21.37	21.50	21.47		
5	64QAM	1	24	21.38	21.49	21.43		
5	64QAM	12	0	20.31	20.38	20.38	21	3
5	64QAM	12	7	20.37	20.41	20.39		
5	64QAM	12	13	20.32	20.44	20.36		
5	64QAM	25	0	20.28	20.34	20.34		
5	256QAM	1	0	18.08	18.19	18.24	19	5
5	256QAM	1	12	18.12	18.31	18.18		
5	256QAM	1	24	18.07	18.15	18.24		
5	256QAM	12	0	18.09	18.11	18.26	19	5
5	256QAM	12	7	18.17	18.28	18.25		
5	256QAM	12	13	18.02	18.10	18.13		
5	256QAM	25	0	18.14	18.18	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.15	23.26	23.24	24	0
3	QPSK	1	8	23.18	23.31	23.29		
3	QPSK	1	14	23.11	23.25	23.22		
3	QPSK	8	0	22.26	22.33	22.30	23	1
3	QPSK	8	4	22.25	22.43	22.33		
3	QPSK	8	7	22.23	22.38	22.31		
3	QPSK	15	0	22.23	22.33	22.31		
3	16QAM	1	0	22.55	22.75	22.53	23	1
3	16QAM	1	8	22.65	22.79	22.78		
3	16QAM	1	14	22.56	22.63	22.65		
3	16QAM	8	0	21.29	21.40	21.36	22	2
3	16QAM	8	4	21.36	21.49	21.41		
3	16QAM	8	7	21.29	21.41	21.35		
3	16QAM	15	0	21.27	21.33	21.33		
3	64QAM	1	0	21.36	21.47	21.52	22	2
3	64QAM	1	8	21.42	21.57	21.43		
3	64QAM	1	14	21.43	21.59	21.40		
3	64QAM	8	0	20.32	20.33	20.41	21	3
3	64QAM	8	4	20.37	20.54	20.39		
3	64QAM	8	7	20.32	20.49	20.41		
3	64QAM	15	0	20.35	20.42	20.39		
3	256QAM	1	0	18.08	18.14	18.33	19	5
3	256QAM	1	8	18.11	18.25	18.24		
3	256QAM	1	14	18.08	18.09	18.19		
3	256QAM	8	0	18.09	18.22	18.27	19	5
3	256QAM	8	4	18.20	18.18	18.21		
3	256QAM	8	7	18.01	18.07	18.17		
3	256QAM	15	0	18.13	18.19	18.11		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.12	23.14	23.16	24	0
1.4	QPSK	1	3	23.12	23.24	23.19		
1.4	QPSK	1	5	23.09	23.19	23.19		
1.4	QPSK	3	0	23.06	23.11	23.11		
1.4	QPSK	3	1	23.07	23.23	23.16		
1.4	QPSK	3	3	22.99	23.14	23.11		
1.4	QPSK	6	0	22.21	22.23	22.26	23	1
1.4	16QAM	1	0	22.48	22.74	22.49	23	1
1.4	16QAM	1	3	22.55	22.74	22.68		
1.4	16QAM	1	5	22.49	22.53	22.61		
1.4	16QAM	3	0	22.41	22.64	22.44		
1.4	16QAM	3	1	22.45	22.63	22.64		
1.4	16QAM	3	3	22.45	22.49	22.60		
1.4	16QAM	6	0	21.16	21.26	21.22	22	2
1.4	64QAM	1	0	21.25	21.43	21.51	22	2
1.4	64QAM	1	3	21.32	21.55	21.35		
1.4	64QAM	1	5	21.42	21.53	21.38		
1.4	64QAM	3	0	21.22	21.41	21.44		
1.4	64QAM	3	1	21.24	21.51	21.28		
1.4	64QAM	3	3	21.30	21.41	21.33		
1.4	64QAM	6	0	20.31	20.35	20.28	21	3
1.4	256QAM	1	0	18.02	18.07	18.28	19	5
1.4	256QAM	1	3	18.00	18.17	18.19		
1.4	256QAM	1	5	17.96	17.97	18.08		
1.4	256QAM	3	0	17.97	18.12	18.22		
1.4	256QAM	3	1	18.17	18.13	18.14		
1.4	256QAM	3	3	17.92	18.00	18.13		
1.4	256QAM	6	0	18.01	18.18	18.01	19	5

Band 66_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.35	19.46	19.18	20	0
20	QPSK	1	49	19.24	19.32	19.14		
20	QPSK	1	99	19.12	19.28	19.05		
20	QPSK	50	0	19.22	19.33	19.32	20	0
20	QPSK	50	24	19.17	19.28	19.25		
20	QPSK	50	50	19.12	19.19	19.16		
20	QPSK	100	0	19.14	19.28	19.25		
20	16QAM	1	0	19.31	19.39	19.14	20	0
20	16QAM	1	49	19.15	19.29	19.10		
20	16QAM	1	99	19.05	19.23	18.95		
20	16QAM	50	0	19.14	19.24	19.32	20	0
20	16QAM	50	24	19.11	19.26	19.17		
20	16QAM	50	50	19.06	19.08	19.09		
20	16QAM	100	0	19.09	19.25	19.24		
20	64QAM	1	0	19.27	19.43	19.19	20	0
20	64QAM	1	49	19.19	19.31	19.10		
20	64QAM	1	99	19.06	19.24	19.00		
20	64QAM	50	0	19.16	19.30	19.25	20	0
20	64QAM	50	24	19.09	19.20	19.16		
20	64QAM	50	50	19.09	19.15	19.11		
20	64QAM	100	0	19.11	19.25	19.17		
20	256QAM	1	0	18.01	17.93	17.88	19	1
20	256QAM	1	49	17.91	17.90	17.99		
20	256QAM	1	99	17.96	17.88	17.88		
20	256QAM	50	0	17.90	17.88	17.87	19	1
20	256QAM	50	24	17.88	17.88	17.87		
20	256QAM	50	50	17.87	17.83	17.82		
20	256QAM	100	0	17.88	17.82	17.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.28	19.41	19.12	20	0
15	QPSK	1	37	19.19	19.23	19.06		
15	QPSK	1	74	19.05	19.27	18.96		
15	QPSK	36	0	19.20	19.26	19.30	20	0
15	QPSK	36	20	19.09	19.19	19.19		
15	QPSK	36	39	19.06	19.18	19.12		
15	QPSK	75	0	19.06	19.19	19.23		
15	16QAM	1	0	19.31	19.30	19.10	20	0
15	16QAM	1	37	19.05	19.23	19.03		
15	16QAM	1	74	19.04	19.18	18.90		
15	16QAM	36	0	19.03	19.16	19.29	20	0
15	16QAM	36	20	19.10	19.24	19.16		
15	16QAM	36	39	19.01	19.00	19.05		
15	16QAM	75	0	19.01	19.18	19.24		
15	64QAM	1	0	19.17	19.36	19.17	20	0
15	64QAM	1	37	19.13	19.21	19.01		
15	64QAM	1	74	18.95	19.23	18.96		
15	64QAM	36	0	19.10	19.22	19.16	20	0
15	64QAM	36	20	19.04	19.11	19.11		
15	64QAM	36	39	19.04	19.08	19.03		
15	64QAM	75	0	19.05	19.17	19.09		
15	256QAM	1	0	17.97	17.82	17.82	19	1
15	256QAM	1	37	17.82	17.85	17.92		
15	256QAM	1	74	17.92	17.79	17.82		
15	256QAM	36	0	17.80	17.83	17.81	19	1
15	256QAM	36	20	17.88	17.83	17.83		
15	256QAM	36	39	17.83	17.81	17.75		
15	256QAM	75	0	17.85	17.74	17.84		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.28	19.39	19.10	20	0
10	QPSK	1	25	19.20	19.26	19.12		
10	QPSK	1	49	19.02	19.20	18.95		
10	QPSK	25	0	19.13	19.30	19.23	20	0
10	QPSK	25	12	19.08	19.19	19.19		
10	QPSK	25	25	19.04	19.17	19.09		
10	QPSK	50	0	19.07	19.21	19.22		
10	16QAM	1	0	19.23	19.34	19.08	20	0
10	16QAM	1	25	19.06	19.21	19.08		
10	16QAM	1	49	19.06	19.15	18.96		
10	16QAM	25	0	19.06	19.19	19.30	20	0
10	16QAM	25	12	19.07	19.25	19.10		
10	16QAM	25	25	19.00	19.05	18.98		
10	16QAM	50	0	19.08	19.24	19.15		
10	64QAM	1	0	19.21	19.35	19.14	20	0
10	64QAM	1	25	19.14	19.32	19.10		
10	64QAM	1	49	18.99	19.20	18.89		
10	64QAM	25	0	19.14	19.25	19.15	20	0
10	64QAM	25	12	18.99	19.15	19.06		
10	64QAM	25	25	19.04	19.03	19.03		
10	64QAM	50	0	19.04	19.20	19.14		
10	256QAM	1	0	17.95	17.89	17.81	19	1
10	256QAM	1	25	17.84	17.82	17.89		
10	256QAM	1	49	17.86	17.82	17.81		
10	256QAM	25	0	17.86	17.77	17.81	19	1
10	256QAM	25	12	17.80	17.81	17.77		
10	256QAM	25	25	17.83	17.73	17.75		
10	256QAM	50	0	17.80	17.80	17.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.31	19.38	19.12	20	0
5	QPSK	1	12	19.15	19.27	19.09		
5	QPSK	1	24	19.03	19.22	19.05		
5	QPSK	12	0	19.19	19.28	19.23	20	0
5	QPSK	12	7	19.10	19.19	19.22		
5	QPSK	12	13	19.10	19.17	19.12		
5	QPSK	25	0	19.11	19.26	19.24		
5	16QAM	1	0	19.28	19.29	19.10	20	0
5	16QAM	1	12	19.08	19.23	19.01		
5	16QAM	1	24	18.96	19.22	18.87		
5	16QAM	12	0	19.07	19.12	19.22	20	0
5	16QAM	12	7	19.07	19.18	19.09		
5	16QAM	12	13	18.95	19.01	18.99		
5	16QAM	25	0	19.07	19.22	19.19		
5	64QAM	1	0	19.22	19.31	19.15	20	0
5	64QAM	1	12	19.10	19.22	19.06		
5	64QAM	1	24	19.04	19.22	19.00		
5	64QAM	12	0	19.10	19.29	19.17	20	0
5	64QAM	12	7	19.04	19.19	19.15		
5	64QAM	12	13	19.01	19.08	19.07		
5	64QAM	25	0	19.10	19.23	19.12		
5	256QAM	1	0	17.94	17.86	17.77	19	1
5	256QAM	1	12	17.82	17.83	17.97		
5	256QAM	1	24	17.86	17.85	17.84		
5	256QAM	12	0	17.86	17.80	17.85	19	1
5	256QAM	12	7	17.80	17.77	17.84		
5	256QAM	12	13	17.81	17.79	17.70		
5	256QAM	25	0	17.77	17.82	17.80		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.29	19.44	19.18	20	0
3	QPSK	1	8	19.19	19.26	19.05		
3	QPSK	1	14	19.09	19.26	18.97		
3	QPSK	8	0	19.16	19.21	19.27	20	0
3	QPSK	8	4	19.14	19.20	19.22		
3	QPSK	8	7	19.12	19.16	19.08		
3	QPSK	15	0	19.14	19.16	19.19		
3	16QAM	1	0	19.23	19.35	19.10	20	0
3	16QAM	-13	0	19.08	19.24	19.05		
3	16QAM	-27	0	19.01	19.19	18.91		
3	16QAM	8	0	19.06	19.19	19.24	20	0
3	16QAM	8	4	19.09	19.20	19.12		
3	16QAM	8	7	19.02	19.03	19.03		
3	16QAM	15	0	19.08	19.18	19.23		
3	64QAM	1	0	19.24	19.36	19.15	20	0
3	64QAM	1	8	19.11	19.24	19.07		
3	64QAM	1	14	18.95	19.22	18.89		
3	64QAM	8	0	19.11	19.30	19.17	20	0
3	64QAM	8	4	19.04	19.16	19.14		
3	64QAM	8	7	18.98	19.10	19.01		
3	64QAM	15	0	19.11	19.20	19.13		
3	256QAM	1	0	17.96	17.86	17.79	19	1
3	256QAM	1	8	17.86	17.85	18.00		
3	256QAM	1	14	17.96	17.83	17.84		
3	256QAM	8	0	17.83	17.83	17.80	19	1
3	256QAM	8	4	17.83	17.84	17.79		
3	256QAM	8	7	17.79	17.79	17.71		
3	256QAM	15	0	17.81	17.81	17.83		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.33	19.39	19.10	20	0
1.4	QPSK	1	3	19.16	19.27	19.03		
1.4	QPSK	1	5	19.12	19.18	19.02		
1.4	QPSK	3	0	19.17	19.28	19.33		
1.4	QPSK	3	1	19.10	19.23	19.19		
1.4	QPSK	3	3	19.06	19.13	19.08		
1.4	QPSK	6	0	19.14	19.19	19.20	20	0
1.4	16QAM	1	0	19.25	19.36	19.08	20	0
1.4	16QAM	1	3	19.08	19.21	19.06		
1.4	16QAM	1	5	19.01	19.15	18.87		
1.4	16QAM	3	0	19.05	19.19	19.24		
1.4	16QAM	3	1	19.06	19.21	19.14		
1.4	16QAM	3	3	19.05	19.00	19.06		
1.4	16QAM	6	0	19.07	19.14	19.17	20	0
1.4	64QAM	1	0	19.16	19.34	19.17	20	0
1.4	64QAM	1	3	19.16	19.30	19.01		
1.4	64QAM	1	5	18.98	19.18	18.97		
1.4	64QAM	3	0	19.10	19.25	19.23		
1.4	64QAM	3	1	19.00	19.15	19.11		
1.4	64QAM	3	3	19.03	19.14	19.07		
1.4	64QAM	6	0	19.04	19.19	19.17	20	0
1.4	256QAM	1	0	17.96	17.86	17.86	19	1
1.4	256QAM	1	3	17.82	17.85	17.92		
1.4	256QAM	1	5	17.91	17.84	17.86		
1.4	256QAM	3	0	17.81	17.82	17.81		
1.4	256QAM	3	1	17.87	17.84	17.87		
1.4	256QAM	3	3	17.76	17.75	17.81		
1.4	256QAM	6	0	17.89	17.72	17.84	19	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.01	23.23	23.12	24	0
20	QPSK	1	49	22.85	22.98	22.93		
20	QPSK	1	99	22.79	22.92	22.88		
20	QPSK	50	0	22.05	22.10	22.08	23	1
20	QPSK	50	24	21.97	22.02	21.98		
20	QPSK	50	50	21.87	21.93	21.90		
20	QPSK	100	0	21.94	22.05	21.95		
20	16QAM	1	0	22.32	22.37	22.35	23	1
20	16QAM	1	49	22.31	22.33	22.24		
20	16QAM	1	99	22.03	22.09	21.99		
20	16QAM	50	0	20.95	20.99	20.92	22	2
20	16QAM	50	24	20.96	21.01	20.92		
20	16QAM	50	50	20.77	20.90	20.78		
20	16QAM	100	0	21.04	21.07	21.03		
20	64QAM	1	0	21.14	21.26	21.21	22	2
20	64QAM	1	49	21.28	21.31	21.21		
20	64QAM	1	99	21.08	21.19	21.07		
20	64QAM	50	0	19.93	20.03	19.91	21	3
20	64QAM	50	24	19.96	20.03	19.98		
20	64QAM	50	50	19.92	19.95	19.85		
20	64QAM	100	0	19.93	20.06	20.04		
20	256QAM	1	0	18.07	18.12	18.01	19	5
20	256QAM	1	49	18.09	18.18	18.11		
20	256QAM	1	99	18.07	18.13	18.05		
20	256QAM	50	0	18.07	18.15	18.08	19	5
20	256QAM	50	24	17.93	18.05	18.02		
20	256QAM	50	50	18.04	18.10	18.03		
20	256QAM	100	0	17.88	17.96	17.87		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.96	23.19	23.01	24	0
15	QPSK	1	37	22.80	22.97	22.89		
15	QPSK	1	74	22.76	22.80	22.84		
15	QPSK	36	0	21.98	22.01	22.03	23	1
15	QPSK	36	20	21.90	22.01	21.89		
15	QPSK	36	39	21.79	21.91	21.85		
15	QPSK	75	0	21.90	22.02	21.86		
15	16QAM	1	0	22.20	22.27	22.27	23	1
15	16QAM	1	37	22.28	22.29	22.22		
15	16QAM	1	74	21.98	22.03	21.93		
15	16QAM	36	0	20.86	20.92	20.84	22	2
15	16QAM	36	20	20.85	20.91	20.91		
15	16QAM	36	39	20.75	20.79	20.71		
15	16QAM	75	0	21.02	21.00	20.94		
15	64QAM	1	0	21.03	21.20	21.17	22	2
15	64QAM	1	37	21.22	21.26	21.09		
15	64QAM	1	74	20.98	21.15	20.96		
15	64QAM	36	0	19.91	19.94	19.84	21	3
15	64QAM	36	20	19.93	19.96	19.86		
15	64QAM	36	39	19.90	19.91	19.76		
15	64QAM	75	0	19.86	20.01	20.02		
15	256QAM	1	0	18.03	18.11	17.96	19	5
15	256QAM	1	37	18.01	18.08	18.06		
15	256QAM	1	74	18.03	18.08	18.00		
15	256QAM	36	0	18.01	18.05	18.05	19	5
15	256QAM	36	20	17.83	17.94	17.93		
15	256QAM	36	39	18.03	18.05	18.02		
15	256QAM	75	0	17.85	17.87	17.76		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	22.94	23.11	23.02	24	0
10	QPSK	1	25	22.75	22.88	22.84		
10	QPSK	1	49	22.69	22.86	22.87		
10	QPSK	25	0	21.97	22.09	22.03	23	1
10	QPSK	25	12	21.86	21.90	21.91		
10	QPSK	25	25	21.82	21.91	21.81		
10	QPSK	50	0	21.84	21.97	21.90		
10	16QAM	1	0	22.22	22.26	22.31	23	1
10	16QAM	1	25	22.19	22.21	22.12		
10	16QAM	1	49	21.98	22.00	21.87		
10	16QAM	25	0	20.83	20.87	20.85	22	2
10	16QAM	25	12	20.89	20.94	20.81		
10	16QAM	25	25	20.71	20.83	20.70		
10	16QAM	50	0	20.93	20.99	20.99		
10	64QAM	1	0	21.11	21.17	21.17	22	2
10	64QAM	1	25	21.24	21.28	21.15		
10	64QAM	1	49	21.03	21.15	21.03		
10	64QAM	25	0	19.81	19.98	19.79	21	3
10	64QAM	25	12	19.91	19.97	19.86		
10	64QAM	25	25	19.86	19.86	19.79		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.95	18.05	17.94	19	5
10	256QAM	1	25	18.07	18.09	18.00		
10	256QAM	1	49	17.99	18.11	17.93		
10	256QAM	25	0	17.97	18.14	18.05	19	5
10	256QAM	25	12	17.83	18.01	17.90		
10	256QAM	25	25	17.99	18.01	17.99		
10	256QAM	50	0	17.79	17.90	17.83		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	22.94	23.17	23.11	24	0
5	QPSK	1	12	22.83	22.91	22.84		
5	QPSK	1	24	22.68	22.86	22.76		
5	QPSK	12	0	21.93	22.00	22.05	23	1
5	QPSK	12	7	21.88	21.97	21.88		
5	QPSK	12	13	21.80	21.81	21.80		
5	QPSK	25	0	21.91	21.98	21.85		
5	16QAM	1	0	22.23	22.34	22.28	23	1
5	16QAM	1	12	22.25	22.23	22.13		
5	16QAM	1	24	22.01	21.99	21.89		
5	16QAM	12	0	20.90	20.87	20.85	22	2
5	16QAM	12	7	20.88	20.97	20.86		
5	16QAM	12	13	20.65	20.79	20.70		
5	16QAM	25	0	21.02	20.98	20.98		
5	64QAM	1	0	21.05	21.25	21.14	22	2
5	64QAM	1	12	21.22	21.30	21.13		
5	64QAM	1	24	21.02	21.14	21.02		
5	64QAM	12	0	19.92	19.99	19.89	21	3
5	64QAM	12	7	19.84	19.92	19.94		
5	64QAM	12	13	19.83	19.87	19.78		
5	64QAM	25	0	19.82	20.00	19.92		
5	256QAM	1	0	17.97	18.06	17.98	19	5
5	256QAM	1	12	18.06	18.06	18.04		
5	256QAM	1	24	18.03	18.10	18.01		
5	256QAM	12	0	18.01	18.12	17.97	19	5
5	256QAM	12	7	17.85	18.04	17.92		
5	256QAM	12	13	17.98	18.04	17.91		
5	256QAM	25	0	17.76	17.94	17.81		

Band 71_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.94	22.99	22.98	24	0
20	QPSK	1	49	22.84	22.88	22.96		
20	QPSK	1	99	22.71	22.83	22.73		
20	QPSK	50	0	21.97	22.03	22.02	23	1
20	QPSK	50	24	21.90	22.00	21.99		
20	QPSK	50	50	21.96	21.94	21.90		
20	QPSK	100	0	21.91	21.94	21.82		
20	16QAM	1	0	22.30	22.25	22.36	23	1
20	16QAM	1	49	22.00	22.09	22.06		
20	16QAM	1	99	22.03	21.96	22.03		
20	16QAM	50	0	20.88	20.91	20.96	22	2
20	16QAM	50	24	20.86	20.94	20.89		
20	16QAM	50	50	20.93	20.86	20.89		
20	16QAM	100	0	20.79	20.79	20.78		
20	64QAM	1	0	21.07	21.09	21.00	22	2
20	64QAM	1	49	21.01	21.02	21.06		
20	64QAM	1	99	21.03	21.08	21.04		
20	64QAM	50	0	19.99	20.02	20.02	21	3
20	64QAM	50	24	20.01	20.03	20.04		
20	64QAM	50	50	20.01	19.97	20.00		
20	64QAM	100	0	19.89	19.91	19.90		
20	256QAM	1	0	17.97	17.97	17.97	19	5
20	256QAM	1	49	17.91	17.86	17.92		
20	256QAM	1	99	17.96	17.91	17.94		
20	256QAM	50	0	17.81	17.72	17.76	19	5
20	256QAM	50	24	17.85	17.74	17.72		
20	256QAM	50	50	17.83	17.77	17.69		
20	256QAM	100	0	17.95	18.00	17.85		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.94	22.96	22.98	24	0
15	QPSK	1	37	22.84	22.88	22.96		
15	QPSK	1	74	22.71	22.83	22.73		
15	QPSK	36	0	21.89	21.98	22.02	23	1
15	QPSK	36	20	21.90	22.00	21.99		
15	QPSK	36	39	21.96	21.94	21.90		
15	QPSK	75	0	21.95	21.84	21.82		
15	16QAM	1	0	22.30	22.25	22.36	23	1
15	16QAM	1	37	22.00	22.09	22.06		
15	16QAM	1	74	22.03	21.96	22.03		
15	16QAM	36	0	20.88	20.91	20.96	22	2
15	16QAM	36	20	20.86	20.94	20.89		
15	16QAM	36	39	20.93	20.86	20.89		
15	16QAM	75	0	20.79	20.79	20.78		
15	64QAM	1	0	21.07	21.09	21.00	22	2
15	64QAM	1	37	21.01	21.02	21.06		
15	64QAM	1	74	21.03	21.08	21.04		
15	64QAM	36	0	19.99	20.02	20.02	21	3
15	64QAM	36	20	20.01	20.03	20.04		
15	64QAM	36	39	20.01	19.97	20.00		
15	64QAM	75	0	19.89	19.91	19.90		
15	256QAM	1	0	17.97	17.97	17.97	19	5
15	256QAM	1	37	17.91	17.86	17.92		
15	256QAM	1	74	17.96	17.91	17.94		
15	256QAM	36	0	17.81	17.72	17.76	19	5
15	256QAM	36	20	17.85	17.74	17.72		
15	256QAM	36	39	17.83	17.77	17.69		
15	256QAM	75	0	17.95	18.00	17.85		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	22.94	22.96	22.98	24	0
10	QPSK	1	25	22.84	22.88	22.96		
10	QPSK	1	49	22.71	22.83	22.73		
10	QPSK	25	0	21.89	21.98	22.02	23	1
10	QPSK	25	12	21.90	22.00	21.99		
10	QPSK	25	25	21.96	21.94	21.90		
10	QPSK	50	0	21.95	21.84	21.82		
10	16QAM	1	0	22.30	22.25	22.36	23	1
10	16QAM	1	25	22.00	22.09	22.06		
10	16QAM	1	49	22.03	21.96	22.03		
10	16QAM	25	0	20.88	20.91	20.96	22	2
10	16QAM	25	12	20.86	20.94	20.89		
10	16QAM	25	25	20.93	20.86	20.89		
10	16QAM	50	0	20.79	20.79	20.78		
10	64QAM	1	0	21.07	21.09	21.00	22	2
10	64QAM	1	25	21.01	21.02	21.06		
10	64QAM	1	49	21.03	21.08	21.04		
10	64QAM	25	0	19.99	20.02	20.02	21	3
10	64QAM	25	12	20.01	20.03	20.04		
10	64QAM	25	25	20.01	19.97	20.00		
10	64QAM	50	0	19.89	19.91	19.90		
10	256QAM	1	0	17.97	17.97	17.97	19	5
10	256QAM	1	25	17.91	17.86	17.92		
10	256QAM	1	49	17.96	17.91	17.94		
10	256QAM	25	0	17.81	17.72	17.76	19	5
10	256QAM	25	12	17.85	17.74	17.72		
10	256QAM	25	25	17.83	17.77	17.69		
10	256QAM	50	0	17.95	18.00	17.85		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	22.94	22.96	22.98	24	0
5	QPSK	1	12	22.84	22.88	22.96		
5	QPSK	1	24	22.71	22.83	22.73		
5	QPSK	12	0	21.89	21.98	22.02	23	1
5	QPSK	12	7	21.90	22.00	21.99		
5	QPSK	12	13	21.96	21.94	21.90		
5	QPSK	25	0	21.95	21.84	21.82		
5	16QAM	1	0	22.30	22.25	22.36	23	1
5	16QAM	1	12	22.00	22.09	22.06		
5	16QAM	1	24	22.03	21.96	22.03		
5	16QAM	12	0	20.88	20.91	20.96	22	2
5	16QAM	12	7	20.86	20.94	20.89		
5	16QAM	12	13	20.93	20.86	20.89		
5	16QAM	25	0	20.79	20.79	20.78		
5	64QAM	1	0	21.07	21.09	21.00	22	2
5	64QAM	1	12	21.01	21.02	21.06		
5	64QAM	1	24	21.03	21.08	21.04		
5	64QAM	12	0	19.99	20.02	20.02	21	3
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	20.01	19.97	20.00		
5	64QAM	25	0	19.89	19.91	19.90		
5	256QAM	1	0	17.97	17.97	17.97	19	5
5	256QAM	1	12	17.91	17.86	17.92		
5	256QAM	1	24	17.96	17.91	17.94		
5	256QAM	12	0	17.81	17.72	17.76	19	5
5	256QAM	12	7	17.85	17.74	17.72		
5	256QAM	12	13	17.83	17.77	17.69		
5	256QAM	25	0	17.95	18.00	17.85		

Band 38_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2593	2595	2610		
20	QPSK	1	0	22.63	22.48	22.53	23.5	0
20	QPSK	1	49	22.59	22.59	22.57		
20	QPSK	1	99	22.62	22.60	22.61		
20	QPSK	50	0	21.73	21.54	21.58	23	0.5
20	QPSK	50	24	21.71	21.62	21.64		
20	QPSK	50	50	21.66	21.66	21.66		
20	QPSK	100	0	21.67	21.58	21.58		
20	16QAM	1	0	21.58	21.52	21.59	23	0.5
20	16QAM	1	49	21.57	21.62	21.56		
20	16QAM	1	99	21.65	21.65	21.68		
20	16QAM	50	0	20.47	20.43	20.48	22	1.5
20	16QAM	50	24	20.61	20.50	20.53		
20	16QAM	50	50	20.57	20.58	20.58		
20	16QAM	100	0	20.54	20.48	20.48		
20	64QAM	1	0	20.22	20.19	20.16	22	1.5
20	64QAM	1	49	20.32	20.31	20.24		
20	64QAM	1	99	20.31	20.30	20.31		
20	64QAM	50	0	19.49	19.46	19.47	21	2.5
20	64QAM	50	24	19.61	19.53	19.56		
20	64QAM	50	50	19.57	19.58	19.61		
20	64QAM	100	0	19.54	19.47	19.49		
20	256QAM	1	0	17.35	17.27	17.36	19	4.5
20	256QAM	1	49	17.49	17.33	17.39		
20	256QAM	1	99	17.42	17.44	17.50		
20	256QAM	50	0	17.28	17.36	17.36	19	4.5
20	256QAM	50	24	17.47	17.31	17.47		
20	256QAM	50	50	17.41	17.45	17.43		
20	256QAM	100	0	17.41	17.40	17.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.41	22.38	22.39	23.5	0
15	QPSK	1	37	22.49	22.45	22.47		
15	QPSK	1	74	22.44	22.49	22.51		
15	QPSK	36	0	21.43	21.43	21.41	23	0.5
15	QPSK	36	20	21.56	21.50	21.51		
15	QPSK	36	39	21.51	21.54	21.54		
15	QPSK	75	0	21.53	21.43	21.46		
15	16QAM	1	0	21.57	21.57	21.54	23	0.5
15	16QAM	1	37	21.60	21.59	21.64		
15	16QAM	1	74	21.66	21.66	21.67		
15	16QAM	36	0	20.42	20.42	20.42	22	1.5
15	16QAM	36	20	20.56	20.47	20.50		
15	16QAM	36	39	20.52	20.50	20.55		
15	16QAM	75	0	20.57	20.47	20.48		
15	64QAM	1	0	20.22	20.21	20.18	22	1.5
15	64QAM	1	37	20.33	20.30	20.32		
15	64QAM	1	74	20.31	20.29	20.35		
15	64QAM	36	0	19.44	19.43	19.47	21	2.5
15	64QAM	36	20	19.57	19.50	19.54		
15	64QAM	36	39	19.54	19.53	19.54		
15	64QAM	75	0	19.56	19.45	19.48		
15	256QAM	1	0	17.42	17.35	17.36	19	4.5
15	256QAM	1	37	17.48	17.38	17.39		
15	256QAM	1	74	17.42	17.49	17.45		
15	256QAM	36	0	17.36	17.29	17.28	19	4.5
15	256QAM	36	20	17.46	17.36	17.53		
15	256QAM	36	39	17.47	17.48	17.45		
15	256QAM	75	0	17.43	17.44	17.34		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.56	22.54	22.50	23.5	0
10	QPSK	1	25	22.54	22.54	22.58		
10	QPSK	1	49	22.55	22.54	22.63		
10	QPSK	25	0	21.66	21.54	21.61	23	0.5
10	QPSK	25	12	21.64	21.57	21.61		
10	QPSK	25	25	21.63	21.62	21.66		
10	QPSK	50	0	21.65	21.54	21.60		
10	16QAM	1	0	21.65	21.64	21.67	23	0.5
10	16QAM	1	25	21.65	21.65	21.68		
10	16QAM	1	49	21.62	21.67	21.68		
10	16QAM	25	0	20.66	20.57	20.61	22	1.5
10	16QAM	25	12	20.69	20.62	20.65		
10	16QAM	25	25	20.67	20.66	20.71		
10	16QAM	50	0	20.66	20.59	20.63		
10	64QAM	1	0	20.45	20.36	20.42	22	1.5
10	64QAM	1	25	20.36	20.40	20.47		
10	64QAM	1	49	20.40	20.44	20.46		
10	64QAM	25	0	19.73	19.65	19.70	21	2.5
10	64QAM	25	12	19.76	19.67	19.68		
10	64QAM	25	25	19.72	19.74	19.75		
10	64QAM	50	0	19.67	19.63	19.64		
10	256QAM	1	0	17.31	17.32	17.36	19	4.5
10	256QAM	1	25	17.50	17.41	17.42		
10	256QAM	1	49	17.43	17.49	17.50		
10	256QAM	25	0	17.26	17.26	17.35	19	4.5
10	256QAM	25	12	17.47	17.33	17.42		
10	256QAM	25	25	17.47	17.47	17.49		
10	256QAM	50	0	17.43	17.35	17.41		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.59	22.54	22.60	23.5	0
5	QPSK	1	12	22.51	22.52	22.57		
5	QPSK	1	24	22.52	22.54	22.54		
5	QPSK	12	0	21.64	21.56	21.65	23	0.5
5	QPSK	12	7	21.66	21.64	21.67		
5	QPSK	12	13	21.63	21.61	21.65		
5	QPSK	25	0	21.63	21.52	21.62		
5	16QAM	1	0	21.75	21.68	21.72	23	0.5
5	16QAM	1	12	21.65	21.63	21.67		
5	16QAM	1	24	21.72	21.72	21.74		
5	16QAM	12	0	20.62	20.53	20.63	22	1.5
5	16QAM	12	7	20.60	20.60	20.66		
5	16QAM	12	13	20.59	20.61	20.61		
5	16QAM	25	0	20.67	20.61	20.71		
5	64QAM	1	0	20.43	20.36	20.46	22	1.5
5	64QAM	1	12	20.48	20.44	20.40		
5	64QAM	1	24	20.48	20.47	20.48		
5	64QAM	12	0	19.68	19.57	19.68	21	2.5
5	64QAM	12	7	19.74	19.70	19.71		
5	64QAM	12	13	19.65	19.64	19.69		
5	64QAM	25	0	19.69	19.60	19.72		
5	256QAM	1	0	17.38	17.32	17.31	19	4.5
5	256QAM	1	12	17.47	17.35	17.46		
5	256QAM	1	24	17.43	17.42	17.44		
5	256QAM	12	0	17.30	17.25	17.29	19	4.5
5	256QAM	12	7	17.40	17.37	17.46		
5	256QAM	12	13	17.41	17.52	17.46		
5	256QAM	25	0	17.43	17.40	17.39		

Band 41_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.59	22.62	22.68	22.74	22.85	23.5	0
20	QPSK	1	49	22.53	22.54	22.64	22.72	22.78		
20	QPSK	1	99	22.55	22.57	22.65	22.73	22.82		
20	QPSK	50	0	21.65	21.75	21.80	21.85	21.92	23	0.5
20	QPSK	50	24	21.60	21.67	21.70	21.76	21.91		
20	QPSK	50	50	21.62	21.73	21.74	21.80	21.91		
20	QPSK	100	0	21.72	21.80	21.83	21.85	21.88		
20	16QAM	1	0	21.41	21.51	21.56	21.67	21.70	23	0.5
20	16QAM	1	49	21.40	21.48	21.51	21.62	21.64		
20	16QAM	1	99	21.42	21.50	21.60	21.69	21.67		
20	16QAM	50	0	20.39	20.50	20.47	20.60	20.65	22	1.5
20	16QAM	50	24	20.48	20.59	20.58	20.65	20.64		
20	16QAM	50	50	20.49	20.59	20.57	20.67	20.70		
20	16QAM	100	0	20.48	20.59	20.57	20.62	20.60		
20	64QAM	1	0	20.06	20.14	20.18	20.33	20.39	22	1.5
20	64QAM	1	49	20.14	20.16	20.19	20.35	20.35		
20	64QAM	1	99	20.13	20.21	20.29	20.40	20.40		
20	64QAM	50	0	19.43	19.50	19.50	19.60	19.67	21	2.5
20	64QAM	50	24	19.55	19.62	19.60	19.63	19.71		
20	64QAM	50	50	19.49	19.58	19.59	19.70	19.71		
20	64QAM	100	0	19.52	19.57	19.59	19.61	19.66		
20	256QAM	1	0	17.49	17.50	17.55	17.52	17.41	19	4.5
20	256QAM	1	49	17.19	17.26	17.33	17.21	17.21		
20	256QAM	1	99	17.29	17.28	17.31	17.19	17.29		
20	256QAM	50	0	17.59	17.63	17.68	17.59	17.57	19	4.5
20	256QAM	50	24	17.55	17.61	17.70	17.68	17.59		
20	256QAM	50	50	17.50	17.63	17.64	17.57	17.49		
20	256QAM	100	0	17.61	17.63	17.65	17.53	17.64		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.28	22.42	22.41	22.51	22.55	23.50	0
15	QPSK	1	37	22.27	22.42	22.34	22.51	22.54		
15	QPSK	1	74	22.33	22.44	22.47	22.52	22.53		
15	QPSK	36	0	21.39	21.52	21.49	21.58	21.65	23	0.5
15	QPSK	36	20	21.48	21.55	21.55	21.58	21.71		
15	QPSK	36	39	21.43	21.56	21.56	21.64	21.69		
15	QPSK	75	0	21.48	21.57	21.58	21.58	21.71		
15	16QAM	1	0	21.59	21.61	21.53	21.64	21.71	23	0.5
15	16QAM	1	37	21.45	21.55	21.52	21.63	21.66		
15	16QAM	1	74	21.38	21.63	21.62	21.69	21.74		
15	16QAM	36	0	20.42	20.46	20.47	20.57	20.64	22	1.5
15	16QAM	36	20	20.49	20.55	20.56	20.57	20.70		
15	16QAM	36	39	20.46	20.53	20.52	20.65	20.67		
15	16QAM	75	0	20.51	20.61	20.60	20.62	20.75		
15	64QAM	1	0	20.39	20.24	20.19	20.32	20.39	22	1.5
15	64QAM	1	37	20.18	20.28	20.24	20.35	20.41		
15	64QAM	1	74	20.17	20.32	20.29	20.41	20.40		
15	64QAM	36	0	19.40	19.51	19.47	19.63	19.68	21	2.5
15	64QAM	36	20	19.48	19.58	19.56	19.61	19.74		
15	64QAM	36	39	19.47	19.60	19.56	19.71	19.74		
15	64QAM	75	0	19.53	19.60	19.58	19.61	19.77		
15	256QAM	1	0	17.43	17.33	17.45	17.37	17.29	19	4.5
15	256QAM	1	37	17.07	17.13	17.28	17.20	17.20		
15	256QAM	1	74	17.11	17.28	17.24	17.05	17.14		
15	256QAM	36	0	17.56	17.54	17.61	17.51	17.43	19	4.5
15	256QAM	36	20	17.63	17.48	17.69	17.64	17.52		
15	256QAM	36	39	17.45	17.40	17.54	17.47	17.34		
15	256QAM	75	0	17.49	17.54	17.51	17.42	17.63		
Channel				39700	40140	40580	41020	41460	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.51	22.61	22.53	22.67	22.81	23.50	0
10	QPSK	1	25	22.46	22.58	22.59	22.72	22.76		
10	QPSK	1	49	22.50	22.63	22.60	22.73	22.79		
10	QPSK	25	0	21.57	21.63	21.59	21.73	21.77	23	0.5
10	QPSK	25	12	21.60	21.69	21.72	21.77	21.82		
10	QPSK	25	25	21.62	21.72	21.73	21.84	21.86		
10	QPSK	50	0	21.63	21.73	21.71	21.76	21.78		
10	16QAM	1	0	21.62	21.71	21.71	21.82	21.94	23	0.5
10	16QAM	1	25	21.57	21.66	21.66	21.77	21.83		
10	16QAM	1	49	21.61	21.67	21.66	21.83	21.85		
10	16QAM	25	0	20.68	20.59	20.63	20.73	20.81	22	1.5
10	16QAM	25	12	20.68	20.76	20.73	20.81	20.88		
10	16QAM	25	25	20.65	20.71	20.76	20.85	20.93		
10	16QAM	50	0	20.66	20.70	20.75	20.78	20.80		
10	64QAM	1	0	20.48	20.42	20.39	20.58	20.67	22	1.5
10	64QAM	1	25	20.46	20.47	20.48	20.58	20.66		
10	64QAM	1	49	20.43	20.44	20.49	20.58	20.64		
10	64QAM	25	0	19.71	19.72	19.68	19.84	19.87	21	2.5
10	64QAM	25	12	19.75	19.82	19.79	19.85	19.90		
10	64QAM	25	25	19.73	19.81	19.80	19.93	19.93		
10	64QAM	50	0	19.69	19.75	19.72	19.82	19.86		
10	256QAM	1	0	17.39	17.35	17.44	17.42	17.40	19	4.5
10	256QAM	1	25	17.11	17.07	17.18	17.11	17.10		
10	256QAM	1	49	17.11	17.20	17.24	17.11	17.17		
10	256QAM	25	0	17.57	17.56	17.53	17.54	17.43	19	4.5
10	256QAM	25	12	17.65	17.53	17.57	17.66	17.47		
10	256QAM	25	25	17.48	17.36	17.53	17.51	17.42		
10	256QAM	50	0	17.41	17.50	17.55	17.45	17.50		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.52	22.52	22.49	22.60	22.73	23.50	0
5	QPSK	1	12	22.64	22.73	22.73	22.82	22.90		
5	QPSK	1	24	22.42	22.56	22.54	22.66	22.75		
5	QPSK	12	0	21.57	21.69	21.66	21.68	21.77	23	0.5
5	QPSK	12	7	21.62	21.71	21.70	21.82	21.87		
5	QPSK	12	13	21.53	21.66	21.66	21.79	21.82		
5	QPSK	25	0	21.57	21.68	21.65	21.79	21.80		
5	16QAM	1	0	21.66	21.67	21.63	21.75	21.82	23	0.5
5	16QAM	1	12	21.58	21.67	21.67	21.77	21.87		
5	16QAM	1	24	21.67	21.78	21.74	21.89	21.96		
5	16QAM	12	0	20.59	20.66	20.64	20.67	20.74	22	1.5
5	16QAM	12	7	20.60	20.67	20.67	20.78	20.83		
5	16QAM	12	13	20.61	20.67	20.68	20.77	20.80		
5	16QAM	25	0	20.65	20.73	20.69	20.81	20.87		
5	64QAM	1	0	20.43	20.30	20.31	20.44	20.54	22	1.5
5	64QAM	1	12	20.44	20.55	20.49	20.60	20.74		
5	64QAM	1	24	20.42	20.49	20.52	20.55	20.70		
5	64QAM	12	0	19.68	19.72	19.69	19.75	19.83	21	2.5
5	64QAM	12	7	19.67	19.76	19.75	19.86	19.96		
5	64QAM	12	13	19.65	19.72	19.74	19.85	19.90		
5	64QAM	25	0	19.66	19.76	19.75	19.87	19.89		
5	256QAM	1	0	17.41	17.32	17.54	17.44	17.39	19	4.5
5	256QAM	1	12	17.06	17.20	17.22	17.06	17.15		
5	256QAM	1	24	17.15	17.23	17.30	17.13	17.20		
5	256QAM	12	0	17.48	17.48	17.53	17.46	17.45	19	4.5
5	256QAM	12	7	17.54	17.52	17.55	17.59	17.54		
5	256QAM	12	13	17.43	17.45	17.60	17.46	17.45		
5	256QAM	25	0	17.44	17.58	17.59	17.45	17.63		

Band 41_Ant1（HPUE）

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.73	23.85	23.92	24.05	24.08	25.1	0
20	QPSK	1	49	23.70	23.85	23.92	24.00	23.99		
20	QPSK	1	99	23.78	23.86	23.98	24.00	24.02		
20	QPSK	50	0	22.93	23.11	23.11	23.17	23.30	25.1	0
20	QPSK	50	24	22.92	23.00	23.08	23.11	23.18		
20	QPSK	50	50	22.92	23.05	23.01	23.11	23.25		
20	QPSK	100	0	22.90	23.04	23.02	23.13	23.25		
20	16QAM	1	0	23.15	23.30	23.35	23.46	23.53	25.1	0
20	16QAM	1	49	23.16	23.29	23.26	23.40	23.42		
20	16QAM	1	99	23.17	23.34	23.45	23.43	23.47		
20	16QAM	50	0	23.87	24.02	24.04	24.12	24.13	25	0.1
20	16QAM	50	24	23.97	24.11	24.10	24.08	24.14		
20	16QAM	50	50	23.97	24.10	24.06	24.20	24.19		
20	16QAM	100	0	22.00	22.13	22.10	22.07	22.18		
20	64QAM	1	0	23.76	23.95	23.94	24.05	24.08	25	0.1
20	64QAM	1	49	23.92	23.93	24.02	24.07	24.16		
20	64QAM	1	99	23.95	23.97	24.13	24.13	24.22		
20	64QAM	50	0	22.91	23.05	22.97	23.05	23.12	24	1.1
20	64QAM	50	24	22.97	23.08	23.05	23.15	23.11		
20	64QAM	50	50	23.01	23.03	23.14	23.16	23.13		
20	64QAM	100	0	23.04	23.17	23.14	23.06	23.12		
20	256QAM	1	0	20.67	20.66	20.79	20.72	20.73	22	3.1
20	256QAM	1	49	20.69	20.67	20.61	20.74	20.70		
20	256QAM	1	99	20.69	20.73	20.60	20.70	20.75		
20	256QAM	50	0	20.76	20.66	20.62	20.75	20.75	22	3.1
20	256QAM	50	24	20.82	20.67	20.66	20.69	20.70		
20	256QAM	50	50	20.69	20.63	20.71	20.74	20.61		
20	256QAM	100	0	20.73	20.62	20.74	20.80	20.60		
Channel				39750	41088	40620	41088	41610	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.00	23.96	23.98	24.01	23.97	25.10	0
15	QPSK	1	37	23.94	23.90	23.92	23.91	23.85		
15	QPSK	1	74	23.96	24.05	23.97	23.97	23.94		
15	QPSK	36	0	23.10	23.21	23.10	23.19	23.21	25.1	0
15	QPSK	36	20	23.12	23.20	23.15	23.09	23.17		
15	QPSK	36	39	23.20	23.27	23.18	23.21	23.22		
15	QPSK	75	0	21.11	21.14	21.19	21.23	21.13		
15	16QAM	1	0	23.44	23.45	23.40	23.38	23.41	25.1	0
15	16QAM	1	37	23.39	23.28	23.31	23.31	23.27		
15	16QAM	1	74	23.46	23.46	23.32	23.40	23.33		
15	16QAM	36	0	23.86	23.95	24.05	24.06	24.10	25	0.1
15	16QAM	36	20	23.95	24.03	24.02	23.97	24.08		
15	16QAM	36	39	23.95	24.04	23.99	24.12	24.15		
15	16QAM	75	0	21.96	22.05	22.09	22.00	22.12		
15	64QAM	1	0	23.68	23.94	23.90	24.00	24.07	25	0.1
15	64QAM	1	37	23.87	23.90	24.00	23.95	24.11		
15	64QAM	1	74	23.90	23.95	24.04	24.04	24.23		
15	64QAM	36	0	22.83	22.91	22.91	22.99	23.11	24	1.1
15	64QAM	36	20	22.91	23.00	23.02	23.12	23.07		
15	64QAM	36	39	22.99	22.97	23.09	23.09	23.12		
15	64QAM	75	0	22.99	23.15	23.08	22.99	23.02		
15	256QAM	1	0	20.64	20.61	20.75	20.65	20.62	22	3.1
15	256QAM	1	37	20.64	20.64	20.55	20.70	20.66		
15	256QAM	1	74	20.64	20.70	20.51	20.66	20.71		
15	256QAM	36	0	20.68	20.57	20.60	20.68	20.69	22	3.1
15	256QAM	36	20	20.75	20.66	20.60	20.62	20.62		
15	256QAM	36	39	20.62	20.54	20.66	20.65	20.56		
15	256QAM	75	0	20.64	20.53	20.75	20.77	20.55		
Channel				39750	41490	40620	41490	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.03	23.98	23.95	24.03	23.98	25.10	0
10	QPSK	1	25	23.87	23.87	23.98	23.98	23.98		
10	QPSK	1	49	24.04	23.97	24.01	24.07	24.03		
10	QPSK	25	0	23.15	23.10	23.09	23.09	23.23	25.1	0
10	QPSK	25	12	23.08	23.16	23.19	23.14	23.09		
10	QPSK	25	25	23.17	23.21	23.14	23.19	23.23		
10	QPSK	50	0	21.23	21.20	21.18	21.11	21.14		
10	16QAM	1	0	23.44	23.50	23.38	23.52	23.49	25.1	0
10	16QAM	1	25	23.35	23.38	23.33	23.39	23.28		
10	16QAM	1	49	23.33	23.33	23.42	23.35	23.46		
10	16QAM	25	0	23.83	23.99	23.99	24.02	24.13	25	0.1
10	16QAM	25	12	23.92	24.03	24.04	24.00	24.05		
10	16QAM	25	25	23.89	24.05	23.99	24.19	24.13		
10	16QAM	50	0	21.92	22.09	22.07	21.98	22.10		
10	64QAM	1	0	23.72	23.93	23.89	23.98	23.98	25	0.1
10	64QAM	1	25	23.82	23.88	23.91	23.98	24.12		
10	64QAM	1	49	23.89	23.91	24.09	24.10	24.17		
10	64QAM	25	0	22.86	22.94	22.90	23.04	23.03	24	1.1
10	64QAM	25	12	22.87	23.00	22.94	23.15	23.08		
10	64QAM	25	25	22.93	22.98	23.08	23.13	23.10		
10	64QAM	50	0	22.87	23.18	23.04	23.05	23.02		
10	256QAM	1	0	20.56	20.61	20.72	20.73	20.64	22	3.1
10	256QAM	1	25	20.65	20.60	20.62	20.65	20.63		
10	256QAM	1	49	20.64	20.66	20.54	20.66	20.67		
10	256QAM	25	0	20.73	20.59	20.50	20.68	20.73	22	3.1
10	256QAM	25	12	20.77	20.66	20.57	20.60	20.64		
10	256QAM	25	25	20.61	20.56	20.65	20.70	20.56		
10	256QAM	50	0	20.69	20.59	20.65	20.75	20.56		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2543.8	2593	2642.30	2687.5		
5	QPSK	1	0	23.98	23.95	24.00	24.05	23.98	25.10	0
5	QPSK	1	12	23.87	23.98	23.90	23.89	23.89		
5	QPSK	1	24	23.95	24.06	24.04	23.99	23.93		
5	QPSK	12	0	23.13	23.12	23.10	23.23	23.12	25.1	0
5	QPSK	12	7	23.19	23.15	23.08	23.14	23.11		
5	QPSK	12	13	23.17	23.17	23.26	23.20	23.21		
5	QPSK	25	0	21.22	21.14	21.09	21.18	21.21		
5	16QAM	1	0	23.41	23.49	23.44	23.47	23.43	25.1	0
5	16QAM	1	12	23.37	23.30	23.33	23.32	23.28		
5	16QAM	1	24	23.43	23.34	23.41	23.37	23.45		
5	16QAM	12	0	23.81	23.98	23.97	24.00	24.06	25	0.1
5	16QAM	12	7	23.88	24.08	24.07	24.05	24.15		
5	16QAM	12	13	23.94	24.05	24.00	24.20	24.09		
5	16QAM	25	0	21.94	22.07	21.99	22.04	22.12		
5	64QAM	1	0	23.65	23.86	23.86	24.05	23.97	25	0.1
5	64QAM	1	12	23.82	23.86	23.95	24.02	24.11		
5	64QAM	1	24	23.90	23.86	24.13	24.02	24.22		
5	64QAM	12	0	22.81	22.93	22.89	22.98	23.05	24	1.1
5	64QAM	12	7	22.88	23.04	22.93	23.11	23.07		
5	64QAM	12	13	22.96	22.93	23.09	23.06	23.04		
5	64QAM	25	0	22.99	23.13	23.08	22.98	23.08		
5	256QAM	1	0	20.64	20.59	20.76	20.65	20.74	22	3.1
5	256QAM	1	12	20.67	20.65	20.55	20.67	20.69		
5	256QAM	1	24	20.63	20.69	20.55	20.68	20.69		
5	256QAM	12	0	20.73	20.60	20.61	20.71	20.66	22	3.1
5	256QAM	12	7	20.74	20.63	20.62	20.69	20.67		
5	256QAM	12	13	20.61	20.56	20.68	20.70	20.52		
5	256QAM	25	0	20.66	20.56	20.68	20.76	20.61		

Band 48_Ant5_For FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3549	3599	3641	3690		
20	QPSK	1	0	20.26	20.17	20.22	20.14	21	0
20	QPSK	1	49	19.96	19.85	19.94	19.73		
20	QPSK	1	99	20.07	19.93	20.05	19.89		
20	QPSK	50	0	20.24	20.10	20.23	20.09	21	0
20	QPSK	50	24	20.21	20.07	20.11	20.02		
20	QPSK	50	50	20.19	20.16	20.19	20.15		
20	QPSK	100	0	20.14	20.11	20.08	20.08		
20	16QAM	1	0	20.22	20.13	20.15	20.09	21	0
20	16QAM	1	49	19.96	19.78	19.87	19.68		
20	16QAM	1	99	20.03	19.81	20.02	19.78		
20	16QAM	50	0	20.16	20.03	20.19	20.05	21	0
20	16QAM	50	24	20.14	19.97	20.08	19.99		
20	16QAM	50	50	20.12	20.10	20.18	20.11		
20	16QAM	100	0	20.09	19.99	20.07	20.08		
20	64QAM	1	0	20.21	20.13	20.14	20.08	21	0
20	64QAM	1	49	19.91	19.80	19.94	19.65		
20	64QAM	1	99	20.00	19.89	19.94	19.77		
20	64QAM	50	0	20.19	20.02	20.18	20.01	21	0
20	64QAM	50	24	20.19	20.02	20.00	20.00		
20	64QAM	50	50	20.12	20.05	20.12	20.08		
20	64QAM	100	0	20.08	20.04	20.07	20.04		
20	256QAM	1	0	17.07	16.97	16.90	17.01	19	2
20	256QAM	1	49	16.97	16.81	16.84	16.81		
20	256QAM	1	99	17.06	16.95	16.95	17.00		
20	256QAM	50	0	17.26	17.21	17.29	17.31	19	2
20	256QAM	50	24	17.27	17.06	17.12	17.22		
20	256QAM	50	50	17.25	17.10	17.26	17.24		
20	256QAM	100	0	17.24	17.05	17.20	17.26		
Channel				55315	55820	56180	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3547.5	3608	3642	3692.5		
15	QPSK	1	0	20.20	20.09	20.12	20.06	21	0
15	QPSK	1	37	19.88	19.79	19.90	19.72		
15	QPSK	1	74	20.00	19.85	19.95	19.83		
15	QPSK	36	0	20.24	20.03	20.18	20.06	21	0
15	QPSK	36	20	20.11	20.01	20.08	19.96		
15	QPSK	36	39	20.11	20.09	20.17	20.14		
15	QPSK	75	0	20.06	20.09	19.96	20.06		
15	16QAM	1	0	20.17	20.01	20.10	20.04	21	0
15	16QAM	1	37	19.94	19.72	19.80	19.61		
15	16QAM	1	74	20.02	19.72	19.95	19.69		
15	16QAM	36	0	20.08	19.93	20.11	20.00	21	0
15	16QAM	36	20	20.10	19.86	20.00	19.97		
15	16QAM	36	39	20.04	20.03	20.10	20.08		
15	16QAM	75	0	20.05	19.92	20.04	20.04		
15	64QAM	1	0	20.14	20.08	20.02	20.06	21	0
15	64QAM	1	37	19.84	19.71	19.84	19.56		
15	64QAM	1	74	19.98	19.83	19.87	19.73		
15	64QAM	36	0	20.15	19.93	20.12	19.92	21	0
15	64QAM	36	20	20.12	19.93	19.93	19.92		
15	64QAM	36	39	20.09	20.00	20.07	20.02		
15	64QAM	75	0	20.05	19.98	20.02	19.98		
15	256QAM	1	0	17.05	16.91	16.88	16.98	19	2
15	256QAM	1	37	16.94	16.81	16.79	16.72		
15	256QAM	1	74	17.03	16.87	16.93	16.96		
15	256QAM	36	0	17.24	17.10	17.21	17.25	19	2
15	256QAM	36	20	17.18	16.96	17.06	17.15		
15	256QAM	36	39	17.20	17.05	17.18	17.21		
15	256QAM	75	0	17.19	17.01	17.14	17.18		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3545	3607.5	3642.5	3695		
10	QPSK	1	0	20.24	20.11	20.12	20.09	21	0
10	QPSK	1	25	19.86	19.77	19.90	19.66		
10	QPSK	1	49	20.01	19.88	19.96	19.82		
10	QPSK	25	0	20.20	20.11	20.15	19.98	21	0
10	QPSK	25	12	20.14	20.02	20.09	19.99		
10	QPSK	25	25	20.11	20.06	20.14	20.06		
10	QPSK	50	0	20.10	20.06	20.06	19.98		
10	16QAM	1	0	20.16	20.10	20.04	20.07	21	0
10	16QAM	1	25	19.94	19.76	19.80	19.67		
10	16QAM	1	49	19.96	19.77	19.90	19.77		
10	16QAM	25	0	20.12	19.96	20.09	19.99	21	0
10	16QAM	25	12	20.04	19.90	19.98	19.91		
10	16QAM	25	25	20.01	20.08	20.14	20.03		
10	16QAM	50	0	20.01	19.96	19.99	20.00		
10	64QAM	1	0	20.17	20.14	20.07	20.05	21	0
10	64QAM	1	25	19.84	19.73	19.87	19.61		
10	64QAM	1	49	19.89	19.82	19.91	19.65		
10	64QAM	25	0	20.19	19.99	20.12	19.94	21	0
10	64QAM	25	12	20.19	19.97	19.93	19.96		
10	64QAM	25	25	20.10	19.99	20.07	20.02		
10	64QAM	50	0	20.02	20.00	19.99	19.94		
10	256QAM	1	0	16.96	16.93	16.84	16.96	19	2
10	256QAM	1	25	16.95	16.75	16.81	16.79		
10	256QAM	1	49	16.97	16.91	16.93	16.95		
10	256QAM	25	0	17.19	17.18	17.22	17.31	19	2
10	256QAM	25	12	17.23	16.94	17.06	17.17		
10	256QAM	25	25	17.14	16.99	17.22	17.19		
10	256QAM	50	0	17.19	17.00	17.11	17.21		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3542.5	3607	3643	3697.5		
5	QPSK	1	0	20.19	20.14	20.16	20.10	21	0
5	QPSK	1	12	19.95	19.81	19.87	19.64		
5	QPSK	1	24	19.96	19.85	19.94	19.85		
5	QPSK	12	0	20.14	20.10	20.18	20.07	21	0
5	QPSK	12	7	20.17	20.02	20.11	20.01		
5	QPSK	12	13	20.12	20.11	20.12	20.14		
5	QPSK	25	0	20.07	20.06	20.02	20.01		
5	16QAM	1	0	20.19	20.07	20.11	19.98	21	0
5	16QAM	1	12	19.91	19.74	19.81	19.62		
5	16QAM	1	24	19.93	19.74	19.94	19.71		
5	16QAM	12	0	20.15	19.97	20.12	20.00	21	0
5	16QAM	12	7	20.07	19.93	20.03	19.98		
5	16QAM	12	13	20.04	20.01	20.15	20.03		
5	16QAM	25	0	20.01	19.97	19.99	19.99		
5	64QAM	1	0	20.16	20.09	20.03	20.01	21	0
5	64QAM	1	12	19.85	19.77	19.93	19.69		
5	64QAM	1	24	19.99	19.80	19.82	19.66		
5	64QAM	12	0	20.13	19.95	20.17	19.96	21	0
5	64QAM	12	7	20.12	19.98	19.93	19.92		
5	64QAM	12	13	20.07	20.03	20.05	20.04		
5	64QAM	25	0	20.03	19.94	20.01	19.96		
5	256QAM	1	0	17.04	16.92	16.86	16.96	19	2
5	256QAM	1	12	16.92	16.72	16.82	16.80		
5	256QAM	1	24	17.03	16.90	16.94	16.96		
5	256QAM	12	0	17.22	17.11	17.27	17.24	19	2
5	256QAM	12	7	17.20	17.07	17.05	17.15		
5	256QAM	12	13	17.16	17.04	17.26	17.15		
5	256QAM	25	0	17.22	16.99	17.16	17.23		

Reduced Power Mode for DSI 2 Simultaneous

<GSM>

GSM850_Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.08	32.98	32.76	**33.50**	24.08	23.98	23.76	24.50
GPRS 1 Tx slot	32.99	32.96	32.68	**33.50**	23.99	23.96	23.68	24.50
GPRS 2 Tx slots	30.66	30.85	30.59	**31.50**	24.66	24.85	24.59	25.50
GPRS 3 Tx slots	28.46	28.84	28.77	**29.50**	24.20	24.58	24.51	25.24
GPRS 4 Tx slots	26.57	26.40	26.23	**27.50**	23.57	23.40	23.23	24.50
EDGE 1 Tx slot	26.33	26.55	26.48	**27.50**	17.33	17.55	17.48	18.50
EDGE 2 Tx slots	24.61	24.45	24.89	**25.50**	18.61	18.45	18.89	19.50
EDGE 3 Tx slots	22.71	22.51	22.88	**23.50**	18.45	18.25	18.62	19.24
EDGE 4 Tx slots	20.77	20.55	20.79	**21.50**	17.77	17.55	17.79	18.50

GSM850_Ant4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.55	30.37	30.24	**31.00**	21.55	21.37	21.24	22.00
GPRS 1 Tx slot	30.46	30.29	30.23	**31.00**	21.46	21.29	21.23	22.00
GPRS 2 Tx slots	28.32	28.66	28.22	**29.00**	22.32	22.66	22.22	23.00
GPRS 3 Tx slots	26.24	26.52	26.55	**27.00**	21.98	22.26	22.29	22.74
GPRS 4 Tx slots	24.49	24.13	24.08	**25.00**	21.49	21.13	21.08	22.00
EDGE 1 Tx slot	26.12	26.30	26.13	**27.50**	17.12	17.30	17.13	18.50
EDGE 2 Tx slots	24.23	24.30	24.12	**25.50**	18.23	18.30	18.12	19.50
EDGE 3 Tx slots	22.30	22.50	22.22	**23.50**	18.04	18.24	17.96	19.24
EDGE 4 Tx slots	20.44	20.30	20.33	**21.50**	17.44	17.30	17.33	18.50

GSM1900_Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.96	30.12	30.31	**30.50**	20.96	21.12	21.31	21.50
GPRS 1 Tx slot	29.93	30.09	30.30	**30.50**	20.93	21.09	21.30	21.50
GPRS 2 Tx slots	27.62	27.85	27.91	**28.50**	21.62	21.85	21.91	22.50
GPRS 3 Tx slots	24.96	25.37	25.44	**26.00**	20.70	21.11	21.18	21.74
GPRS 4 Tx slots	23.81	24.03	24.03	**24.50**	20.81	21.03	21.03	21.50
EDGE 1 Tx slot	25.14	25.47	25.72	**26.00**	16.14	16.47	16.72	17.00
EDGE 2 Tx slots	22.77	23.34	23.29	**24.00**	16.77	17.34	17.29	18.00
EDGE 3 Tx slots	21.92	22.37	22.58	**23.50**	17.66	18.11	18.32	19.24
EDGE 4 Tx slots	20.36	20.68	20.62	**21.50**	17.36	17.68	17.62	18.50

GSM1900_Ant4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	23.87	23.76	23.72	**25.00**	14.87	14.76	14.72	16.00
GPRS 1 Tx slot	23.86	23.75	23.71	**25.00**	14.86	14.75	14.71	16.00
GPRS 2 Tx slots	20.48	20.44	20.52	**22.00**	14.48	14.44	14.52	16.00
GPRS 3 Tx slots	18.65	18.58	18.58	**19.50**	14.39	14.32	14.32	15.24
GPRS 4 Tx slots	16.81	16.62	16.65	**18.50**	13.81	13.62	13.65	15.50
EDGE 1 Tx slot	23.17	23.07	23.10	**25.00**	14.17	14.07	14.10	16.00
EDGE 2 Tx slots	20.31	20.15	20.23	**21.00**	14.31	14.15	14.23	15.00
EDGE 3 Tx slots	18.27	18.19	18.24	**19.50**	14.01	13.93	13.98	15.24
EDGE 4 Tx slots	16.76	16.67	16.64	**17.50**	13.76	13.67	13.64	14.50

<WCDMA>

Band		WCDMA II_Ant0			Tune-up Limit (dBm)	WCDMA IV_Ant0			Tune-up Limit (dBm)	WCDMA V_Ant0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.19	23.24	23.21	**24.00**	23.40	23.45	23.43	**24.00**	23.37	23.42	23.41	**24.00**
3GPP Rel 99	RMC 12.2Kbps	23.27	23.30	23.24	**24.00**	23.44	23.47	23.44	**24.00**	23.39	23.45	23.42	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.41	22.46	22.48	**23.00**	22.27	22.48	22.45	**23.00**	22.20	22.17	22.07	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.42	22.47	22.49	**23.00**	22.34	22.51	22.46	**23.00**	22.19	22.16	22.08	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.92	22.00	21.94	**22.50**	21.81	21.98	21.98	**22.50**	21.72	21.68	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.89	22.01	21.96	**22.50**	21.87	21.97	21.96	**22.50**	21.71	21.67	21.59	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.26	22.33	22.36	**23.00**	22.19	22.45	22.44	**23.00**	22.15	22.03	21.96	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.33	22.41	22.38	**23.00**	22.32	22.46	22.40	**23.00**	22.08	21.99	21.94	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	21.95	21.85	**22.50**	21.74	21.88	21.88	**22.50**	21.56	21.67	21.44	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.81	21.95	21.85	**22.50**	21.86	21.80	21.89	**22.50**	21.54	21.60	21.48	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.32	22.41	22.42	**23.00**	22.15	22.36	22.40	**23.00**	22.12	22.16	22.04	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.35	20.51	20.38	**21.00**	20.14	20.41	20.38	**21.00**	20.13	20.14	20.06	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.28	21.39	21.41	**22.00**	21.15	21.33	21.37	**22.00**	21.14	21.15	21.02	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.31	20.44	20.45	**21.00**	20.13	20.37	20.38	**21.00**	20.13	20.15	20.04	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.30	22.40	22.37	**23.00**	22.12	22.40	22.48	**23.00**	22.10	22.12	22.08	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.66	19.92	19.94	**20.50**	19.56	19.90	19.80	**20.50**	19.61	19.78	19.75	**20.50**

<WCDMA>

Band		WCDMA II_Ant4			Tune-up Limit (dBm)	WCDMA IV_Ant4			Tune-up Limit (dBm)	WCDMA V_Ant4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.75	14.68	14.57	**15.50**	18.13	18.39	18.34	**19.00**	20.57	20.64	20.60	**21.50**
3GPP Rel 99	RMC 12.2Kbps	14.74	14.76	14.58	**15.50**	18.16	18.41	18.37	**19.00**	20.64	20.67	20.64	**21.50**
3GPP Rel 6	HSDPA Subtest-1	13.80	13.71	13.55	**14.50**	17.12	17.39	17.28	**18.00**	19.64	19.64	19.66	**20.50**
3GPP Rel 6	HSDPA Subtest-2	13.78	13.70	13.60	**14.50**	17.10	17.38	17.32	**18.00**	19.63	19.65	19.64	**20.50**
3GPP Rel 6	HSDPA Subtest-3	13.25	13.27	13.13	**14.00**	16.64	16.83	16.80	**17.50**	19.12	18.86	19.14	**20.00**
3GPP Rel 6	HSDPA Subtest-4	13.30	13.19	13.02	**14.00**	16.58	16.84	16.85	**17.50**	19.14	18.79	19.09	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-1	13.60	13.60	13.39	**14.50**	17.00	17.21	17.22	**18.00**	19.61	19.54	19.59	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-2	13.71	13.46	13.46	**14.50**	17.03	17.16	17.17	**18.00**	19.58	19.50	19.60	**20.50**
3GPP Rel 8	DC-HSDPA Subtest-3	13.23	13.24	13.04	**14.00**	16.59	16.58	16.60	**17.50**	19.01	18.78	19.08	**20.00**
3GPP Rel 8	DC-HSDPA Subtest-4	13.06	13.03	12.99	**14.00**	16.41	16.82	16.72	**17.50**	18.95	18.69	18.88	**20.00**
3GPP Rel 6	HSUPA Subtest-1	13.83	13.77	13.78	**14.50**	17.27	17.33	17.35	**18.00**	19.61	19.99	19.62	**20.50**
3GPP Rel 6	HSUPA Subtest-2	11.76	11.82	11.84	**12.50**	15.33	15.30	15.34	**16.00**	17.89	17.88	17.87	**18.50**
3GPP Rel 6	HSUPA Subtest-3	12.77	12.56	12.69	**13.50**	16.34	16.39	16.34	**17.00**	18.75	19.14	18.77	**19.50**
3GPP Rel 6	HSUPA Subtest-4	11.75	11.78	11.77	**12.50**	15.24	15.38	15.34	**16.00**	17.87	18.16	17.84	**18.50**
3GPP Rel 6	HSUPA Subtest-5	13.80	13.79	13.68	**14.50**	16.83	17.30	17.20	**18.00**	19.60	20.01	19.60	**20.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.03	11.04	11.06	**12.00**	14.75	14.66	14.70	**15.50**	17.46	17.88	17.48	**18.00**

Band 2_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.13	23.35	22.99	24	0
20	QPSK	1	49	22.85	22.78	22.94		
20	QPSK	1	99	22.94	22.81	22.92		
20	QPSK	50	0	22.03	22.05	22.03	23	1
20	QPSK	50	24	21.88	21.96	22.00		
20	QPSK	50	50	22.00	21.96	22.02		
20	QPSK	100	0	21.94	21.96	21.93		
20	16QAM	1	0	22.23	22.47	22.23	23	1
20	16QAM	1	49	22.46	22.04	22.28		
20	16QAM	1	99	22.39	22.02	22.14		
20	16QAM	50	0	21.01	21.05	21.02	22	2
20	16QAM	50	24	21.02	21.12	21.00		
20	16QAM	50	50	20.94	20.89	20.96		
20	16QAM	100	0	20.98	20.95	20.93		
20	64QAM	1	0	21.51	21.26	21.05	22	2
20	64QAM	1	49	21.35	21.27	21.41		
20	64QAM	1	99	21.06	21.29	21.04		
20	64QAM	50	0	20.03	20.04	19.98	21	3
20	64QAM	50	24	19.94	20.06	20.06		
20	64QAM	50	50	19.94	19.94	20.01		
20	64QAM	100	0	19.97	20.01	19.97		
20	256QAM	1	0	17.88	17.90	17.96	19	5
20	256QAM	1	49	18.03	17.97	17.98		
20	256QAM	1	99	18.02	18.04	18.06		
20	256QAM	50	0	17.90	17.90	17.96	19	5
20	256QAM	50	24	18.00	18.01	17.94		
20	256QAM	50	50	18.06	18.03	17.99		
20	256QAM	100	0	17.97	17.93	17.92		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	22.86	22.91	22.77	24	0
15	QPSK	1	37	22.89	22.95	22.92		
15	QPSK	1	74	22.78	22.87	22.83		
15	QPSK	36	0	21.93	21.96	22.04	23	1
15	QPSK	36	20	22.00	22.00	22.08		
15	QPSK	36	39	21.94	22.01	22.01		
15	QPSK	75	0	21.90	21.98	21.99		
15	16QAM	1	0	22.01	22.13	22.10	23	1
15	16QAM	1	37	22.02	22.12	22.21		
15	16QAM	1	74	22.45	22.37	22.36		
15	16QAM	36	0	20.95	20.89	20.92	22	2
15	16QAM	36	20	20.94	21.01	21.06		
15	16QAM	36	39	20.89	20.99	21.01		
15	16QAM	75	0	20.86	20.97	21.07		
15	64QAM	1	0	21.12	21.28	21.23	22	2
15	64QAM	1	37	21.08	20.89	21.11		
15	64QAM	1	74	21.07	21.26	21.12		
15	64QAM	36	0	19.88	20.01	19.98	21	3
15	64QAM	36	20	20.05	20.07	20.16		
15	64QAM	36	39	20.06	20.01	20.17		
15	64QAM	75	0	19.98	20.08	20.04		
15	256QAM	1	0	17.80	17.84	17.89	19	5
15	256QAM	1	37	17.91	17.91	17.87		
15	256QAM	1	74	17.91	18.03	17.97		
15	256QAM	36	0	17.89	17.89	17.94	19	5
15	256QAM	36	20	17.97	17.99	17.82		
15	256QAM	36	39	17.95	17.92	17.95		
15	256QAM	75	0	17.95	17.88	17.82		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	22.92	22.8	23.32	24	0
10	QPSK	1	25	22.97	23.04	22.91		
10	QPSK	1	49	22.81	22.97	22.97		
10	QPSK	25	0	21.98	22.08	22.15	23	1
10	QPSK	25	12	22	21.98	22.11		
10	QPSK	25	25	21.93	22.05	22.14		
10	QPSK	50	0	21.98	21.98	21.98		
10	16QAM	1	0	21.85	22.15	22.55	23	1
10	16QAM	1	25	21.83	22.09	22.02		
10	16QAM	1	49	22.56	21.87	22.27		
10	16QAM	25	0	21.09	21.06	21.22	22	2
10	16QAM	25	12	21.07	21.04	21.07		
10	16QAM	25	25	20.89	20.96	21.2		
10	16QAM	50	0	20.97	21.12	21.14		
10	64QAM	1	0	21.56	20.84	21.43	22	2
10	64QAM	1	25	21.2	21.1	21.3		
10	64QAM	1	49	21.2	21.35	21.4		
10	64QAM	25	0	20.08	20.21	20.13	21	3
10	64QAM	25	12	20.21	20.31	20.19		
10	64QAM	25	25	20.09	20.02	20.12		
10	64QAM	50	0	20.11	20.22	20.11		
10	256QAM	1	0	17.77	17.87	17.89	19	5
10	256QAM	1	25	17.94	17.96	17.89		
10	256QAM	1	49	17.91	18.03	18.03		
10	256QAM	25	0	17.87	17.87	17.93	19	5
10	256QAM	25	12	17.90	17.92	17.82		
10	256QAM	25	25	18.03	17.91	17.94		
10	256QAM	50	0	17.86	17.90	17.87		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	22.97	23.11	23.08	24	0
5	QPSK	1	12	22.87	22.96	23.03		
5	QPSK	1	24	23.02	23.11	22.94		
5	QPSK	12	0	21.99	22.24	22.19	23	1
5	QPSK	12	7	22.06	22.05	22.21		
5	QPSK	12	13	21.91	22.08	22.02		
5	QPSK	25	0	22.02	22.13	22.16		
5	16QAM	1	0	22.45	22.45	22.34	23	1
5	16QAM	1	12	22.21	22.19	22.95		
5	16QAM	1	24	22.07	22.44	22.62		
5	16QAM	12	0	21.11	21.23	21.3	22	2
5	16QAM	12	7	21.05	21.17	21.25		
5	16QAM	12	13	20.94	21.04	21.07		
5	16QAM	25	0	21.04	21.2	21.15		
5	64QAM	1	0	21.5	21.66	21.49	22	2
5	64QAM	1	12	21.44	21.41	21.39		
5	64QAM	1	24	21.44	21.2	21.36		
5	64QAM	12	0	20.25	20.29	20.28	21	3
5	64QAM	12	7	20.24	20.1	20.42		
5	64QAM	12	13	20.09	20.08	20.41		
5	64QAM	25	0	20.07	20.15	20		
5	256QAM	1	0	17.76	17.78	17.94	19	5
5	256QAM	1	12	17.95	17.92	17.95		
5	256QAM	1	24	17.90	18.03	18.02		
5	256QAM	12	0	17.88	17.81	17.95	19	5
5	256QAM	12	7	17.88	17.98	17.88		
5	256QAM	12	13	17.94	18.02	17.87		
5	256QAM	25	0	17.93	17.85	17.80		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	23.14	23.15	23.09	24	0
3	QPSK	1	8	23.08	23.18	23.11		
3	QPSK	1	14	22.95	23.03	22.85		
3	QPSK	8	0	22.01	22.20	22.09	23	1
3	QPSK	8	4	22.08	22.14	22.22		
3	QPSK	8	7	21.99	22.12	22.04		
3	QPSK	15	0	22.07	22.10	22.12		
3	16QAM	1	0	22.41	22.84	22.71	23	1
3	16QAM	1	8	22.72	22.70	22.76		
3	16QAM	1	14	22.43	22.37	22.53		
3	16QAM	8	0	21.20	21.30	21.21	22	2
3	16QAM	8	4	21.16	21.25	21.26		
3	16QAM	8	7	21.27	21.15	21.20		
3	16QAM	15	0	21.15	21.22	21.22		
3	64QAM	1	0	21.28	20.99	21.43	22	2
3	64QAM	1	8	21.20	21.49	21.42		
3	64QAM	1	14	21.01	21.33	21.38		
3	64QAM	8	0	20.27	20.13	20.35	21	3
3	64QAM	8	4	20.42	20.19	20.06		
3	64QAM	8	7	20.00	20.19	20.21		
3	64QAM	15	0	20.27	20.22	20.22		
3	256QAM	1	0	17.79	17.83	17.87	19	5
3	256QAM	1	8	17.93	17.96	17.91		
3	256QAM	1	14	17.92	18.00	17.95		
3	256QAM	8	0	17.84	17.86	17.94	19	5
3	256QAM	8	4	17.90	18.00	17.83		
3	256QAM	8	7	18.05	17.92	17.92		
3	256QAM	15	0	17.90	17.91	17.91		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	23.07	23.06	23.08	24	0
1.4	QPSK	1	3	22.97	23.09	23.03		
1.4	QPSK	1	5	22.91	23.00	22.73		
1.4	QPSK	3	0	23.00	23.04	23.02		
1.4	QPSK	3	1	22.93	22.97	22.99		
1.4	QPSK	3	3	22.87	22.99	22.63		
1.4	QPSK	6	0	21.96	22.01	22.10	23	1
1.4	16QAM	1	0	22.40	22.78	22.65	23	1
1.4	16QAM	1	3	22.63	22.69	22.69		
1.4	16QAM	1	5	22.37	22.25	22.49		
1.4	16QAM	3	0	22.30	22.67	22.64		
1.4	16QAM	3	1	22.54	22.60	22.67		
1.4	16QAM	3	3	22.28	22.23	22.43		
1.4	16QAM	6	0	21.12	21.21	21.14	22	2
1.4	64QAM	1	0	21.16	20.96	21.31	22	2
1.4	64QAM	1	3	21.12	21.37	21.39		
1.4	64QAM	1	5	20.89	21.23	21.26		
1.4	64QAM	3	0	21.10	20.92	21.27		
1.4	64QAM	3	1	21.10	21.34	21.27		
1.4	64QAM	3	3	20.83	21.16	21.18		
1.4	64QAM	6	0	20.21	20.14	20.12	21	3
1.4	256QAM	1	0	17.73	17.76	17.80	19	5
1.4	256QAM	1	3	17.92	17.91	17.85		
1.4	256QAM	1	5	17.87	17.88	17.88		
1.4	256QAM	3	0	17.78	17.76	17.93		
1.4	256QAM	3	1	17.87	17.91	17.78		
1.4	256QAM	3	3	18.01	17.81	17.89		
1.4	256QAM	6	0	17.87	17.86	17.87	19	5

Band 2_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.67	13.96	13.70	15.5	0
20	QPSK	1	49	13.56	13.77	13.53		
20	QPSK	1	99	13.40	13.66	13.63		
20	QPSK	50	0	13.77	13.92	13.67	15.5	0
20	QPSK	50	24	13.66	13.82	13.65		
20	QPSK	50	50	13.68	13.76	13.58		
20	QPSK	100	0	13.65	13.82	13.60		
20	16QAM	1	0	13.48	13.73	13.56	15.5	0
20	16QAM	1	49	13.50	13.57	13.53		
20	16QAM	1	99	13.20	13.65	13.50		
20	16QAM	50	0	13.72	13.87	13.47	15.5	0
20	16QAM	50	24	13.58	13.65	13.60		
20	16QAM	50	50	13.48	13.70	13.42		
20	16QAM	100	0	13.65	13.80	13.70		
20	64QAM	1	0	13.38	13.61	13.37	15.5	0
20	64QAM	1	49	13.33	13.63	13.55		
20	64QAM	1	99	13.77	13.86	13.51		
20	64QAM	50	0	13.49	13.78	13.53	15.5	0
20	64QAM	50	24	13.63	13.61	13.57		
20	64QAM	50	50	13.48	13.83	13.50		
20	64QAM	100	0	13.45	13.63	13.35		
20	256QAM	1	0	13.27	13.53	13.51	15.5	0
20	256QAM	1	49	13.77	13.91	13.57		
20	256QAM	1	99	13.54	13.68	13.58		
20	256QAM	50	0	13.59	13.76	13.38	15.5	0
20	256QAM	50	24	13.61	13.71	13.43		
20	256QAM	50	50	13.53	13.61	13.49		
20	256QAM	100	0	13.66	13.66	13.42		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	13.65	13.87	13.54	15.5	0
15	QPSK	1	37	13.37	13.60	13.53		
15	QPSK	1	74	13.31	13.58	13.61		
15	QPSK	36	0	13.58	13.92	13.52	15.5	0
15	QPSK	36	20	13.63	13.71	13.52		
15	QPSK	36	39	13.52	13.63	13.38		
15	QPSK	75	0	13.45	13.74	13.40		
15	16QAM	1	0	13.35	13.69	13.41	15.5	0
15	16QAM	1	37	13.47	13.50	13.41		
15	16QAM	1	74	13.07	13.59	13.36		
15	16QAM	36	0	13.69	13.77	13.40	15.5	0
15	16QAM	36	20	13.57	13.48	13.47		
15	16QAM	36	39	13.28	13.67	13.22		
15	16QAM	75	0	13.52	13.78	13.51		
15	64QAM	1	0	13.33	13.46	13.34	15.5	0
15	64QAM	1	37	13.30	13.45	13.39		
15	64QAM	1	74	13.65	13.74	13.42		
15	64QAM	36	0	13.32	13.77	13.43	15.5	0
15	64QAM	36	20	13.45	13.58	13.41		
15	64QAM	36	39	13.45	13.76	13.31		
15	64QAM	75	0	13.37	13.46	13.22		
15	256QAM	1	0	13.18	13.35	13.40	15.5	0
15	256QAM	1	37	13.63	13.75	13.55		
15	256QAM	1	74	13.36	13.49	13.39		
15	256QAM	36	0	13.40	13.74	13.29	15.5	0
15	256QAM	36	20	13.53	13.58	13.42		
15	256QAM	36	39	13.52	13.57	13.45		
15	256QAM	75	0	13.66	13.51	13.35		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	13.67	13.80	13.63	15.5	0
10	QPSK	1	25	13.53	13.61	13.47		
10	QPSK	1	49	13.38	13.64	13.62		
10	QPSK	25	0	13.63	13.75	13.48	15.5	0
10	QPSK	25	12	13.53	13.81	13.65		
10	QPSK	25	25	13.63	13.72	13.38		
10	QPSK	50	0	13.58	13.62	13.56		
10	16QAM	1	0	13.31	13.53	13.51	15.5	0
10	16QAM	1	25	13.42	13.52	13.49		
10	16QAM	1	49	13.09	13.58	13.50		
10	16QAM	25	0	13.66	13.83	13.30	15.5	0
10	16QAM	25	12	13.40	13.47	13.45		
10	16QAM	25	25	13.42	13.68	13.28		
10	16QAM	50	0	13.63	13.76	13.60		
10	64QAM	1	0	13.23	13.55	13.17	15.5	0
10	64QAM	1	25	13.26	13.58	13.47		
10	64QAM	1	49	13.75	13.76	13.43		
10	64QAM	25	0	13.46	13.77	13.53	15.5	0
10	64QAM	25	12	13.59	13.50	13.45		
10	64QAM	25	25	13.36	13.75	13.32		
10	64QAM	50	0	13.31	13.45	13.34		
10	256QAM	1	0	13.12	13.47	13.44	15.5	0
10	256QAM	1	25	13.70	13.88	13.47		
10	256QAM	1	49	13.53	13.60	13.46		
10	256QAM	25	0	13.54	13.62	13.21	15.5	0
10	256QAM	25	12	13.55	13.55	13.42		
10	256QAM	25	25	13.53	13.42	13.33		
10	256QAM	50	0	13.52	13.56	13.42		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	13.66	13.76	13.65	15.5	0
5	QPSK	1	12	13.55	13.57	13.43		
5	QPSK	1	24	13.36	13.63	13.45		
5	QPSK	12	0	13.66	13.73	13.54	15.5	0
5	QPSK	12	7	13.46	13.81	13.47		
5	QPSK	12	13	13.50	13.76	13.47		
5	QPSK	25	0	13.54	13.64	13.51		
5	16QAM	1	0	13.45	13.69	13.41	15.5	0
5	16QAM	1	12	13.49	13.54	13.37		
5	16QAM	1	24	13.14	13.48	13.44		
5	16QAM	12	0	13.70	13.81	13.27	15.5	0
5	16QAM	12	7	13.57	13.47	13.49		
5	16QAM	12	13	13.37	13.56	13.40		
5	16QAM	25	0	13.59	13.68	13.56		
5	64QAM	1	0	13.26	13.42	13.26	15.5	0
5	64QAM	1	12	13.18	13.53	13.35		
5	64QAM	1	24	13.63	13.79	13.50		
5	64QAM	12	0	13.29	13.67	13.52	15.5	0
5	64QAM	12	7	13.50	13.48	13.42		
5	64QAM	12	13	13.31	13.70	13.30		
5	64QAM	25	0	13.34	13.45	13.21		
5	256QAM	1	0	13.18	13.49	13.43	15.5	0
5	256QAM	1	12	13.59	13.86	13.41		
5	256QAM	1	24	13.52	13.49	13.43		
5	256QAM	12	0	13.57	13.58	13.38	15.5	0
5	256QAM	12	7	13.55	13.65	13.33		
5	256QAM	12	13	13.37	13.57	13.36		
5	256QAM	25	0	13.61	13.56	13.37		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	13.62	13.83	13.51	15.5	0
3	QPSK	1	8	13.42	13.61	13.47		
3	QPSK	1	14	13.28	13.61	13.44		
3	QPSK	8	0	13.68	13.82	13.58	15.5	0
3	QPSK	8	4	13.63	13.65	13.53		
3	QPSK	8	7	13.60	13.60	13.44		
3	QPSK	15	0	13.61	13.69	13.55		
3	16QAM	1	0	13.44	13.72	13.38	15.5	0
3	16QAM	1	8	13.41	13.52	13.50		
3	16QAM	1	14	13.20	13.61	13.45		
3	16QAM	8	0	13.63	13.80	13.44	15.5	0
3	16QAM	8	4	13.43	13.56	13.44		
3	16QAM	8	7	13.30	13.67	13.31		
3	16QAM	15	0	13.65	13.74	13.59		
3	64QAM	1	0	13.27	13.57	13.24	15.5	0
3	64QAM	1	8	13.21	13.62	13.52		
3	64QAM	1	14	13.68	13.79	13.49		
3	64QAM	8	0	13.40	13.77	13.35	15.5	0
3	64QAM	8	4	13.56	13.60	13.41		
3	64QAM	8	7	13.33	13.76	13.31		
3	64QAM	15	0	13.39	13.49	13.27		
3	256QAM	1	0	13.08	13.47	13.34	15.5	0
3	256QAM	1	8	13.77	13.83	13.55		
3	256QAM	1	14	13.46	13.68	13.50		
3	256QAM	8	0	13.47	13.74	13.31	15.5	0
3	256QAM	8	4	13.55	13.56	13.27		
3	256QAM	8	7	13.49	13.55	13.29		
3	256QAM	15	0	13.63	13.52	13.25		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	13.66	13.76	13.66	15.5	0
1.4	QPSK	1	3	13.52	13.62	13.41		
1.4	QPSK	1	5	13.34	13.49	13.46		
1.4	QPSK	3	0	13.61	13.77	13.66		
1.4	QPSK	3	1	13.48	13.65	13.61		
1.4	QPSK	3	3	13.62	13.66	13.55		
1.4	QPSK	6	0	13.55	13.68	13.51	15.5	0
1.4	16QAM	1	0	13.44	13.72	13.55	15.5	0
1.4	16QAM	1	3	13.42	13.56	13.50		
1.4	16QAM	1	5	13.01	13.55	13.44		
1.4	16QAM	3	0	13.53	13.74	13.37		
1.4	16QAM	3	1	13.56	13.64	13.48		
1.4	16QAM	3	3	13.48	13.69	13.37		
1.4	16QAM	6	0	13.51	13.61	13.70	15.5	0
1.4	64QAM	1	0	13.35	13.49	13.31	15.5	0
1.4	64QAM	1	3	13.20	13.45	13.55		
1.4	64QAM	1	5	13.65	13.82	13.31		
1.4	64QAM	3	0	13.30	13.63	13.45		
1.4	64QAM	3	1	13.51	13.46	13.42		
1.4	64QAM	3	3	13.37	13.78	13.31		
1.4	64QAM	6	0	13.34	13.47	13.30	15.5	0
1.4	256QAM	1	0	13.25	13.48	13.37	15.5	0
1.4	256QAM	1	3	13.76	13.82	13.41		
1.4	256QAM	1	5	13.49	13.67	13.44		
1.4	256QAM	3	0	13.46	13.76	13.23		
1.4	256QAM	3	1	13.55	13.71	13.29		
1.4	256QAM	3	3	13.40	13.49	13.42		
1.4	256QAM	6	0	13.61	13.63	13.25	15.5	0

Band 4_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.15	23.33	23.02	24	0
20	QPSK	1	49	23.04	23.12	23.01		
20	QPSK	1	99	22.87	22.88	22.79		
20	QPSK	50	0	22.08	22.15	22.13	23	1
20	QPSK	50	24	22.04	22.08	22.11		
20	QPSK	50	50	22.07	22.10	22.12		
20	QPSK	100	0	22.02	22.05	22.01		
20	16QAM	1	0	22.09	22.53	22.55	23	1
20	16QAM	1	49	22.13	22.48	22.23		
20	16QAM	1	99	22.19	22.21	22.07		
20	16QAM	50	0	21.02	21.16	21.13	22	2
20	16QAM	50	24	21.12	21.11	21.17		
20	16QAM	50	50	21.05	21.06	21.10		
20	16QAM	100	0	21.04	21.06	21.11		
20	64QAM	1	0	21.19	21.31	21.07	22	2
20	64QAM	1	49	21.34	21.48	21.08		
20	64QAM	1	99	21.48	21.26	21.10		
20	64QAM	50	0	20.03	20.13	20.27	21	3
20	64QAM	50	24	20.15	20.01	20.37		
20	64QAM	50	50	20.00	20.16	20.27		
20	64QAM	100	0	20.04	20.07	20.00		
20	256QAM	1	0	17.91	17.95	18.09	19	5
20	256QAM	1	49	17.96	17.89	18.30		
20	256QAM	1	99	17.90	18.05	18.13		
20	256QAM	50	0	17.96	18.03	18.14	19	5
20	256QAM	50	24	17.97	17.85	18.32		
20	256QAM	50	50	17.88	18.08	18.18		
20	256QAM	100	0	17.83	17.92	17.81		
Channel				20025	20175	20325	Tune-up limit	MPR
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)	(dB)
15	QPSK	1	0	22.90	23.19	23.08	24	0
15	QPSK	1	37	22.78	22.99	23.06		
15	QPSK	1	74	22.85	22.95	22.98		
15	QPSK	36	0	21.90	22.10	22.21	23	1
15	QPSK	36	20	22.06	22.24	22.18		
15	QPSK	36	39	22.02	22.09	22.07		
15	QPSK	75	0	22.07	22.00	22.13		
15	16QAM	1	0	22.20	22.32	22.28	23	1
15	16QAM	1	37	22.04	22.51	22.25		
15	16QAM	1	74	22.27	22.32	22.02		
15	16QAM	36	0	20.88	21.01	21.09	22	2
15	16QAM	36	20	21.04	21.13	21.23		
15	16QAM	36	39	20.93	21.13	21.14		
15	16QAM	75	0	21.12	21.00	21.07		
15	64QAM	1	0	21.31	21.25	21.21	22	2
15	64QAM	1	37	21.36	21.65	21.68		
15	64QAM	1	74	21.52	21.43	21.53		
15	64QAM	36	0	20.06	20.24	20.21	21	3
15	64QAM	36	20	20.13	20.15	20.21		
15	64QAM	36	39	20.00	20.24	20.11		
15	64QAM	75	0	20.15	20.04	20.20		
15	256QAM	1	0	17.84	17.94	18.15	19	5
15	256QAM	1	37	17.96	17.86	18.24		
15	256QAM	1	74	17.91	17.96	18.19		
15	256QAM	36	0	17.86	18.07	18.09	19	5
15	256QAM	36	20	18.02	17.87	18.28		
15	256QAM	36	39	17.96	18.07	18.16		
15	256QAM	75	0	17.84	17.88	17.90		
Channel				20000	20175	20350	Tune-up limit	MPR
Frequency (MHz)				1715	1732.5	1750	(dBm)	(dB)
10	QPSK	1	0	22.99	23.11	23.23	24	0
10	QPSK	1	25	22.98	22.97	23.18		
10	QPSK	1	49	23.03	22.89	23.15		
10	QPSK	25	0	22.15	22.26	22.26	23	1
10	QPSK	25	12	22.06	22.25	22.28		
10	QPSK	25	25	22.16	22.24	22.24		
10	QPSK	50	0	22.24	22.14	22.34		
10	16QAM	1	0	22.37	22.30	22.64	23	1
10	16QAM	1	25	22.22	22.68	22.67		
10	16QAM	1	49	22.46	22.36	22.53		
10	16QAM	25	0	21.11	21.16	21.26	22	2
10	16QAM	25	12	21.16	21.13	21.10		
10	16QAM	25	25	21.02	21.27	21.27		
10	16QAM	50	0	21.08	21.20	21.33		
10	64QAM	1	0	21.16	20.99	21.00	22	2
10	64QAM	1	25	21.13	21.40	21.48		
10	64QAM	1	49	21.44	21.21	21.42		
10	64QAM	25	0	20.23	20.30	20.33	21	3
10	64QAM	25	12	20.13	20.22	20.28		
10	64QAM	25	25	20.21	20.38	20.39		
10	64QAM	50	0	20.20	20.24	20.34		
10	256QAM	1	0	17.91	17.96	18.09	19	5
10	256QAM	1	25	17.97	17.90	18.30		
10	256QAM	1	49	17.94	18.03	18.19		
10	256QAM	25	0	17.93	18.04	18.05	19	5
10	256QAM	25	12	18.00	17.83	18.27		
10	256QAM	25	25	17.97	18.07	18.16		
10	256QAM	50	0	17.83	17.92	17.88		
Channel				19975	20175	20375	Tune-up limit	MPR
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)	(dB)
5	QPSK	1	0	23.05	23.18	23.26	24	0
5	QPSK	1	12	23.04	23.01	23.18		
5	QPSK	1	24	23.12	23.20	23.13		
5	QPSK	12	0	22.03	22.13	22.32	23	1
5	QPSK	12	7	22.06	22.23	22.27		
5	QPSK	12	13	22.15	22.21	22.25		
5	QPSK	25	0	22.13	22.10	22.28		
5	16QAM	1	0	22.32	22.79	22.57	23	1
5	16QAM	1	12	22.54	22.66	22.30		
5	16QAM	1	24	22.31	22.80	22.66		
5	16QAM	12	0	21.09	21.30	21.42	22	2
5	16QAM	12	7	21.22	21.31	21.53		
5	16QAM	12	13	21.27	21.19	21.41		
5	16QAM	25	0	21.16	21.30	21.30		
5	64QAM	1	0	21.35	21.14	21.47	22	2
5	64QAM	1	12	21.27	21.08	21.34		
5	64QAM	1	24	21.40	21.49	21.57		
5	64QAM	12	0	20.17	20.31	20.34	21	3
5	64QAM	12	7	20.18	20.29	20.43		
5	64QAM	12	13	19.95	20.07	20.29		
5	64QAM	25	0	20.18	20.13	20.36		
5	256QAM	1	0	17.86	18.03	18.15	19	5
5	256QAM	1	12	17.94	17.85	18.29		
5	256QAM	1	24	17.94	18.06	18.14		
5	256QAM	12	0	17.92	18.06	18.06	19	5
5	256QAM	12	7	18.02	17.81	18.32		
5	256QAM	12	13	17.96	18.09	18.19		
5	256QAM	25	0	17.88	17.95	17.84		
Channel				19965	20175	20385	Tune-up limit	MPR
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)	(dB)
3	QPSK	1	0	23.00	21.15	23.20	24	0
3	QPSK	1	8	22.92	22.98	23.08		
3	QPSK	1	14	23.06	23.12	23.05		
3	QPSK	8	0	21.99	22.01	22.24	23	1
3	QPSK	8	4	21.97	22.21	22.20		
3	QPSK	8	7	22.12	22.13	22.14		
3	QPSK	15	0	22.12	21.98	22.25		
3	16QAM	1	0	22.25	22.71	22.48	23	1
3	16QAM	1	8	22.48	22.55	22.22		
3	16QAM	1	14	22.28	22.79	22.65		
3	16QAM	8	0	20.98	21.27	21.34	22	2
3	16QAM	8	4	21.21	21.21	21.52		
3	16QAM	8	7	21.16	21.18	21.32		
3	16QAM	15	0	21.04	21.23	21.28		
3	64QAM	1	0	21.23	21.03	21.39	22	2
3	64QAM	1	8	21.19	21.07	21.27		
3	64QAM	1	14	21.34	21.40	21.45		
3	64QAM	8	0	20.09	20.20	20.33	21	3
3	64QAM	8	4	20.12	20.21	20.35		
3	64QAM	8	7	19.94	20.03	20.27		
3	64QAM	15	0	20.14	20.09	20.34		
3	256QAM	1	0	17.85	17.92	18.14	19	5
3	256QAM	1	8	17.86	17.79	18.28		
3	256QAM	1	14	17.92	17.98	18.11		
3	256QAM	8	0	17.90	18.00	18.00	19	5
3	256QAM	8	4	17.92	17.75	18.23		
3	256QAM	8	7	17.94	17.97	18.08		
3	256QAM	15	0	17.85	17.94	17.75		
Channel				19957	20175	20393	Tune-up limit	MPR
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)	(dB)
1.4	QPSK	1	0	22.95	23.30	23.21	24	0
1.4	QPSK	1	3	22.99	22.99	23.15		
1.4	QPSK	1	5	23.06	23.09	23.11		
1.4	QPSK	3	0	22.88	23.24	23.14		
1.4	QPSK	3	1	22.97	22.89	23.03		
1.4	QPSK	3	3	22.96	22.99	23.05		
1.4	QPSK	6	0	22.01	21.98	22.26	23	1
1.4	16QAM	1	0	22.24	22.68	22.56	23	1
1.4	16QAM	1	3	22.52	22.63	22.21		
1.4	16QAM	1	5	22.27	22.69	22.65		
1.4	16QAM	3	0	22.17	22.66	22.52		
1.4	16QAM	3	1	22.47	22.62	22.19		
1.4	16QAM	3	3	22.16	22.63	22.60		
1.4	16QAM	6	0	21.15	21.27	21.20	22	2
1.4	64QAM	1	0	21.30	21.13	21.36	22	2
1.4	64QAM	1	3	21.15	21.05	21.27		
1.4	64QAM	1	5	21.33	21.42	21.48		
1.4	64QAM	3	0	21.19	21.11	21.31		
1.4	64QAM	3	1	21.11	20.96	21.19		
1.4	64QAM	3	3	21.21	21.34	21.41		
1.4	64QAM	6	0	20.10	20.12	20.34	21	3
1.4	256QAM	1	0	17.79	17.92	18.10	19	5
1.4	256QAM	1	3	17.84	17.82	18.23		
1.4	256QAM	1	5	17.93	18.03	18.09		
1.4	256QAM	3	0	17.87	17.97	17.99		
1.4	256QAM	3	1	17.93	17.69	18.31		
1.4	256QAM	3	3	17.94	17.98	18.08		
1.4	256QAM	6	0	17.82	17.90	17.74	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.35	18.65	18.61	19	0
20	QPSK	1	49	18.52	18.55	18.42		
20	QPSK	1	99	18.39	18.41	18.36		
20	QPSK	50	0	18.46	18.58	18.53	19	0
20	QPSK	50	24	18.47	18.55	18.54		
20	QPSK	50	50	18.44	18.47	18.46		
20	QPSK	100	0	18.18	18.56	18.55		
20	16QAM	1	0	18.36	18.36	18.25	19	0
20	16QAM	1	49	18.38	18.26	18.21		
20	16QAM	1	99	18.43	18.43	18.34		
20	16QAM	50	0	18.45	18.46	18.42	19	0
20	16QAM	50	24	18.43	18.37	18.41		
20	16QAM	50	50	18.15	18.59	18.41		
20	16QAM	100	0	18.37	18.45	18.26		
20	64QAM	1	0	18.22	18.25	18.17	19	0
20	64QAM	1	49	18.35	18.42	18.45		
20	64QAM	1	99	18.44	18.38	18.34		
20	64QAM	50	0	18.38	18.30	18.40	19	0
20	64QAM	50	24	18.56	18.62	18.59		
20	64QAM	50	50	18.59	18.53	18.48		
20	64QAM	100	0	18.51	18.61	18.63		
20	256QAM	1	0	17.56	17.70	17.81	19	0
20	256QAM	1	49	17.97	17.60	17.94		
20	256QAM	1	99	18.26	18.20	17.68		
20	256QAM	50	0	17.70	17.59	17.70	19	0
20	256QAM	50	24	17.83	17.83	17.79		
20	256QAM	50	50	17.79	17.76	17.76		
20	256QAM	100	0	17.77	17.86	17.82		
Channel				20025	20175	20325	Tune-up limit	MPR
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)	(dB)
15	QPSK	1	0	18.25	18.61	18.46	19	0
15	QPSK	1	37	18.42	18.43	18.29		
15	QPSK	1	74	18.26	18.22	18.16		
15	QPSK	36	0	18.34	18.54	18.47	19	0
15	QPSK	36	20	18.44	18.55	18.40		
15	QPSK	36	39	18.29	18.30	18.28		
15	QPSK	75	0	18.14	18.41	18.35		
15	16QAM	1	0	18.35	18.19	18.20	19	0
15	16QAM	1	37	18.32	18.12	18.05		
15	16QAM	1	74	18.26	18.24	18.28		
15	16QAM	36	0	18.29	18.27	18.25	19	0
15	16QAM	36	20	18.41	18.27	18.29		
15	16QAM	36	39	17.99	18.59	18.24		
15	16QAM	75	0	18.33	18.30	18.21		
15	64QAM	1	0	18.20	18.24	18.14	19	0
15	64QAM	1	37	18.30	18.23	18.29		
15	64QAM	1	74	18.27	18.35	18.23		
15	64QAM	36	0	18.37	18.28	18.38	19	0
15	64QAM	36	20	18.55	18.45	18.54		
15	64QAM	36	39	18.48	18.35	18.38		
15	64QAM	75	0	18.49	18.43	18.50		
15	256QAM	1	0	17.51	17.66	17.66	19	0
15	256QAM	1	37	17.94	17.52	17.82		
15	256QAM	1	74	18.11	18.12	17.59		
15	256QAM	36	0	17.57	17.56	17.62	19	0
15	256QAM	36	20	17.77	17.83	17.75		
15	256QAM	36	39	17.66	17.61	17.63		
15	256QAM	75	0	17.60	17.83	17.68		
Channel				20000	20175	20350	Tune-up limit	MPR
Frequency (MHz)				1715	1732.5	1750	(dBm)	(dB)
10	QPSK	1	0	18.28	18.46	18.55	19	0
10	QPSK	1	25	18.37	18.37	18.37		
10	QPSK	1	49	18.34	18.24	18.30		
10	QPSK	25	0	18.31	18.46	18.40	19	0
10	QPSK	25	12	18.43	18.55	18.50		
10	QPSK	25	25	18.25	18.32	18.33		
10	QPSK	50	0	17.98	18.48	18.38		
10	16QAM	1	0	18.23	18.31	18.24	19	0
10	16QAM	1	25	18.35	18.06	18.15		
10	16QAM	1	49	18.31	18.35	18.20		
10	16QAM	25	0	18.26	18.32	18.42	19	0
10	16QAM	25	12	18.29	18.30	18.33		
10	16QAM	25	25	18.07	18.42	18.28		
10	16QAM	50	0	18.26	18.36	18.21		
10	64QAM	1	0	18.21	18.14	18.01	19	0
10	64QAM	1	25	18.28	18.28	18.27		
10	64QAM	1	49	18.39	18.30	18.30		
10	64QAM	25	0	18.36	18.12	18.26	19	0
10	64QAM	25	12	18.44	18.56	18.44		
10	64QAM	25	25	18.51	18.53	18.39		
10	64QAM	50	0	18.35	18.53	18.54		
10	256QAM	1	0	17.39	17.51	17.71	19	0
10	256QAM	1	25	17.80	17.57	17.80		
10	256QAM	1	49	18.09	18.12	17.52		
10	256QAM	25	0	17.53	17.59	17.60	19	0
10	256QAM	25	12	17.75	17.83	17.72		
10	256QAM	25	25	17.78	17.71	17.66		
10	256QAM	50	0	17.61	17.80	17.75		
Channel				19975	20175	20375	Tune-up limit	MPR
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)	(dB)
5	QPSK	1	0	18.16	18.47	18.60	19	0
5	QPSK	1	12	18.49	18.44	18.36		
5	QPSK	1	24	18.20	18.29	18.36		
5	QPSK	12	0	18.27	18.49	18.48	19	0
5	QPSK	12	7	18.44	18.53	18.41		
5	QPSK	12	13	18.29	18.36	18.29		
5	QPSK	25	0	18.03	18.41	18.42		
5	16QAM	1	0	18.33	18.31	18.05	19	0
5	16QAM	1	12	18.35	18.20	18.19		
5	16QAM	1	24	18.35	18.27	18.14		
5	16QAM	12	0	18.27	18.32	18.22	19	0
5	16QAM	12	7	18.26	18.34	18.29		
5	16QAM	12	13	18.04	18.58	18.36		
5	16QAM	25	0	18.28	18.30	18.26		
5	64QAM	1	0	18.04	18.09	18.14	19	0
5	64QAM	1	12	18.22	18.33	18.32		
5	64QAM	1	24	18.32	18.36	18.24		
5	64QAM	12	0	18.36	18.18	18.29	19	0
5	64QAM	12	7	18.55	18.62	18.56		
5	64QAM	12	13	18.57	18.49	18.43		
5	64QAM	25	0	18.46	18.46	18.49		
5	256QAM	1	0	17.40	17.62	17.78	19	0
5	256QAM	1	12	17.82	17.55	17.86		
5	256QAM	1	24	18.25	18.10	17.56		
5	256QAM	12	0	17.68	17.48	17.70	19	0
5	256QAM	12	7	17.67	17.72	17.77		
5	256QAM	12	13	17.71	17.64	17.64		
5	256QAM	25	0	17.69	17.85	17.63		
Channel				19965	20175	20385	Tune-up limit	MPR
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)	(dB)
3	QPSK	1	0	18.18	18.60	18.56	19	0
3	QPSK	1	8	18.42	18.46	18.38		
3	QPSK	1	14	18.21	18.40	18.24		
3	QPSK	8	0	18.44	18.46	18.51	19	0
3	QPSK	8	4	18.27	18.38	18.36		
3	QPSK	8	7	18.44	18.42	18.37		
3	QPSK	15	0	18.15	18.49	18.43		
3	16QAM	1	0	18.26	18.17	18.09	19	0
3	16QAM	1	8	18.25	18.06	18.03		
3	16QAM	1	14	18.37	18.38	18.33		
3	16QAM	8	0	18.28	18.45	18.37	19	0
3	16QAM	8	4	18.35	18.27	18.39		
3	16QAM	8	7	18.13	18.52	18.33		
3	16QAM	15	0	18.30	18.38	18.20		
3	64QAM	1	0	18.02	18.06	18.11	19	0
3	64QAM	1	8	18.15	18.31	18.33		
3	64QAM	1	14	18.44	18.27	18.31		
3	64QAM	8	0	18.28	18.30	18.21	19	0
3	64QAM	8	4	18.49	18.49	18.50		
3	64QAM	8	7	18.44	18.35	18.45		
3	64QAM	15	0	18.36	18.50	18.49		
3	256QAM	1	0	17.46	17.57	17.61	19	0
3	256QAM	1	8	17.83	17.43	17.85		
3	256QAM	1	14	18.22	18.08	17.57		
3	256QAM	8	0	17.55	17.59	17.63	19	0
3	256QAM	8	4	17.81	17.70	17.72		
3	256QAM	8	7	17.60	17.57	17.75		
3	256QAM	15	0	17.67	17.76	17.71		
Channel				19957	20175	20393	Tune-up limit	MPR
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)	(dB)
1.4	QPSK	1	0	18.33	18.51	18.54	19	0
1.4	QPSK	1	3	18.34	18.46	18.31		
1.4	QPSK	1	5	18.34	18.36	18.21		
1.4	QPSK	3	0	18.39	18.39	18.39		
1.4	QPSK	3	1	18.40	18.36	18.50		
1.4	QPSK	3	3	18.25	18.41	18.40		
1.4	QPSK	6	0	18.04	18.36	18.47	19	0
1.4	16QAM	1	0	18.32	18.17	18.16	19	0
1.4	16QAM	1	3	18.23	18.23	18.19		
1.4	16QAM	1	5	18.28	18.37	18.31		
1.4	16QAM	3	0	18.25	18.38	18.30		
1.4	16QAM	3	1	18.34	18.28	18.29		
1.4	16QAM	3	3	18.03	18.46	18.33		
1.4	16QAM	6	0	18.32	18.26	18.24	19	0
1.4	64QAM	1	0	18.04	18.12	18.01	19	0
1.4	64QAM	1	3	18.19	18.22	18.34		
1.4	64QAM	1	5	18.36	18.20	18.30		
1.4	64QAM	3	0	18.37	18.10	18.27		
1.4	64QAM	3	1	18.50	18.47	18.43		
1.4	64QAM	3	3	18.46	18.51	18.41		
1.4	64QAM	6	0	18.42	18.51	18.45	19	0
1.4	256QAM	1	0	17.42	17.69	17.78	19	0
1.4	256QAM	1	3	17.82	17.54	17.82		
1.4	256QAM	1	5	18.17	18.14	17.55		
1.4	256QAM	3	0	17.56	17.43	17.61		
1.4	256QAM	3	1	17.74	17.68	17.69		
1.4	256QAM	3	3	17.74	17.69	17.73		
1.4	256QAM	6	0	17.70	17.72	17.80	19	0

Band 5_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.82	23.11	23.09	24	0
10	QPSK	1	25	22.80	22.93	22.76		
10	QPSK	1	49	22.81	22.93	22.74		
10	QPSK	25	0	21.88	22.08	21.90	23	1
10	QPSK	25	12	21.85	22.00	21.88		
10	QPSK	25	25	21.83	22.00	21.86		
10	QPSK	50	0	21.94	21.98	21.95		
10	16QAM	1	0	22.54	22.54	22.13	23	1
10	16QAM	1	25	22.49	22.48	22.09		
10	16QAM	1	49	22.54	22.18	22.13		
10	16QAM	25	0	21.03	20.97	20.98	22	2
10	16QAM	25	12	21.07	21.00	21.00		
10	16QAM	25	25	21.14	20.93	20.97		
10	16QAM	50	0	21.14	20.97	20.97		
10	64QAM	1	0	20.99	21.24	21.00	22	2
10	64QAM	1	25	21.00	21.31	21.29		
10	64QAM	1	49	20.97	21.27	21.28		
10	64QAM	25	0	20.12	19.97	19.98	21	3
10	64QAM	25	12	20.15	20.05	19.96		
10	64QAM	25	25	20.12	20.01	20.10		
10	64QAM	50	0	20.06	20.11	20.02		
10	256QAM	1	0	17.96	17.82	17.93	19	5
10	256QAM	1	25	17.97	17.92	17.82		
10	256QAM	1	49	17.90	17.85	18.04		
10	256QAM	25	0	17.91	17.82	17.89	19	5
10	256QAM	25	12	18.02	17.90	17.77		
10	256QAM	25	25	17.93	17.82	18.03		
10	256QAM	50	0	17.98	17.93	17.89		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	23.05	22.98	22.74	24	0
5	QPSK	1	12	23.09	23.10	22.91		
5	QPSK	1	24	23.10	22.97	22.90		
5	QPSK	12	0	22.03	21.92	21.88	23	1
5	QPSK	12	7	21.98	21.88	21.83		
5	QPSK	12	13	21.93	22.02	21.92		
5	QPSK	25	0	22.00	22.01	21.89		
5	16QAM	1	0	22.10	22.39	22.53	23	1
5	16QAM	1	12	22.12	22.29	22.19		
5	16QAM	1	24	22.48	22.49	22.36		
5	16QAM	12	0	21.09	21.00	20.92	22	2
5	16QAM	12	7	21.10	21.08	20.96		
5	16QAM	12	13	21.07	21.05	20.98		
5	16QAM	25	0	21.00	20.95	20.85		
5	64QAM	1	0	21.37	21.10	20.99	22	2
5	64QAM	1	12	21.29	21.12	21.01		
5	64QAM	1	24	21.44	21.20	21.13		
5	64QAM	12	0	19.93	20.11	19.92	21	3
5	64QAM	12	7	20.14	20.00	19.87		
5	64QAM	12	13	20.01	19.94	19.90		
5	64QAM	25	0	20.04	20.09	19.97		
5	256QAM	1	0	17.98	17.86	17.88	19	5
5	256QAM	1	12	17.96	17.93	17.76		
5	256QAM	1	24	17.93	17.90	18.06		
5	256QAM	12	0	17.93	17.86	17.93	19	5
5	256QAM	12	7	17.99	17.87	17.78		
5	256QAM	12	13	17.93	17.88	18.00		
5	256QAM	25	0	17.96	17.99	17.89		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.95	22.95	22.73	24	0
3	QPSK	1	8	22.99	23.09	22.87		
3	QPSK	1	14	22.99	22.96	22.79		
3	QPSK	8	0	21.92	21.83	21.86	23	1
3	QPSK	8	4	21.95	21.86	21.79		
3	QPSK	8	7	21.92	21.90	21.81		
3	QPSK	15	0	21.97	21.96	21.81		
3	16QAM	1	0	21.98	22.38	22.43	23	1
3	16QAM	1	8	22.06	22.24	22.10		
3	16QAM	1	14	22.42	22.40	22.27		
3	16QAM	8	0	21.03	20.91	20.81	22	2
3	16QAM	8	4	21.07	21.01	20.91		
3	16QAM	8	7	21.05	21.01	20.94		
3	16QAM	15	0	20.89	20.88	20.73		
3	64QAM	1	0	21.26	21.01	20.97	22	2
3	64QAM	1	8	21.20	21.02	20.91		
3	64QAM	1	14	21.38	21.16	21.03		
3	64QAM	8	0	19.84	20.10	19.88	21	3
3	64QAM	8	4	20.07	19.90	19.86		
3	64QAM	8	7	19.89	19.88	19.79		
3	64QAM	15	0	20.01	20.00	19.91		
3	256QAM	1	0	17.96	17.74	17.77	19	5
3	256QAM	1	8	17.87	17.86	17.69		
3	256QAM	1	14	17.90	17.82	17.96		
3	256QAM	8	0	17.82	17.77	17.88	19	5
3	256QAM	8	4	17.97	17.86	17.74		
3	256QAM	8	7	17.88	17.76	17.99		
3	256QAM	15	0	17.88	17.83	17.86		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.95	22.95	22.62	24	0
1.4	QPSK	1	3	23.06	23.08	22.84		
1.4	QPSK	1	5	23.08	22.92	22.83		
1.4	QPSK	3	0	22.92	22.85	22.50		
1.4	QPSK	3	1	23.04	23.07	22.75		
1.4	QPSK	3	3	23.03	22.88	22.75		
1.4	QPSK	6	0	21.95	21.93	21.79	23	1
1.4	16QAM	1	0	22.00	22.31	22.44	23	1
1.4	16QAM	1	3	22.04	22.17	22.17		
1.4	16QAM	1	5	22.46	22.39	22.25		
1.4	16QAM	3	0	21.95	22.23	22.37		
1.4	16QAM	3	1	21.95	22.15	22.15		
1.4	16QAM	3	3	22.45	22.32	22.22		
1.4	16QAM	6	0	20.90	20.83	20.73	22	2
1.4	64QAM	1	0	21.35	21.08	20.92	22	2
1.4	64QAM	1	3	21.19	21.05	20.96		
1.4	64QAM	1	5	21.43	21.17	21.08		
1.4	64QAM	3	0	21.25	21.05	20.90		
1.4	64QAM	3	1	21.18	20.94	20.87		
1.4	64QAM	3	3	21.31	21.15	20.99		
1.4	64QAM	6	0	20.03	19.99	19.95	21	3
1.4	256QAM	1	0	17.95	17.84	17.83	19	5
1.4	256QAM	1	3	17.93	17.84	17.66		
1.4	256QAM	1	5	17.88	17.86	17.96		
1.4	256QAM	3	0	17.92	17.78	17.88		
1.4	256QAM	3	1	17.92	17.82	17.76		
1.4	256QAM	3	3	17.91	17.86	17.94		
1.4	256QAM	6	0	17.86	17.87	17.85	19	5

Band 5_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.28	20.37	20.21	21.5	0
10	QPSK	1	25	20.04	20.13	20.01		
10	QPSK	1	49	20.06	20.01	20.18		
10	QPSK	25	0	20.24	20.36	20.25	21.5	0
10	QPSK	25	12	20.21	20.09	20.10		
10	QPSK	25	25	20.11	20.35	20.24		
10	QPSK	50	0	20.33	20.34	20.24		
10	16QAM	1	0	20.15	20.34	20.19	21.5	0
10	16QAM	1	25	20.09	20.16	20.06		
10	16QAM	1	49	19.99	20.11	20.09		
10	16QAM	25	0	20.20	19.99	20.11	21.5	0
10	16QAM	25	12	20.25	20.17	20.16		
10	16QAM	25	25	20.04	20.21	20.21		
10	16QAM	50	0	20.23	19.99	20.07		
10	64QAM	1	0	20.10	20.22	20.11	21.5	0
10	64QAM	1	25	20.10	20.15	20.04		
10	64QAM	1	49	20.01	20.02	20.04		
10	64QAM	25	0	19.66	19.67	19.72	21	0.5
10	64QAM	25	12	19.75	19.69	19.62		
10	64QAM	25	25	19.60	19.83	19.79		
10	64QAM	50	0	19.84	19.65	19.78		
10	256QAM	1	0	18.67	18.65	18.58	19	2.5
10	256QAM	1	25	18.62	18.56	18.49		
10	256QAM	1	49	18.53	18.60	18.62		
10	256QAM	25	0	18.69	18.62	18.53	19	2.5
10	256QAM	25	12	18.66	18.58	18.67		
10	256QAM	25	25	18.65	18.78	18.56		
10	256QAM	50	0	18.54	18.67	18.62		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	20.05	20.30	20.07	21.5	0
5	QPSK	1	12	19.87	20.03	19.98		
5	QPSK	1	24	20.00	19.82	20.12		
5	QPSK	12	0	20.04	20.33	20.06	21.5	0
5	QPSK	12	7	20.09	20.04	20.10		
5	QPSK	12	13	19.91	20.30	20.04		
5	QPSK	25	0	20.17	20.18	20.23		
5	16QAM	1	0	20.07	20.26	20.03	21.5	0
5	16QAM	1	12	19.99	20.07	20.05		
5	16QAM	1	24	19.81	19.91	19.98		
5	16QAM	12	0	20.14	19.87	20.03	21.5	0
5	16QAM	12	7	20.05	20.01	19.97		
5	16QAM	12	13	20.02	20.07	20.20		
5	16QAM	25	0	20.22	19.92	19.92		
5	64QAM	1	0	20.02	20.16	20.02	21.5	0
5	64QAM	1	12	20.04	19.96	19.90		
5	64QAM	1	24	19.88	19.95	19.93		
5	64QAM	12	0	19.55	19.60	19.72	21	0.5
5	64QAM	12	7	19.67	19.69	19.42		
5	64QAM	12	13	19.55	19.71	19.64		
5	64QAM	25	0	19.79	19.45	19.78		
5	256QAM	1	0	18.57	18.54	18.48	19	2.5
5	256QAM	1	12	18.55	18.38	18.34		
5	256QAM	1	24	18.50	18.47	18.62		
5	256QAM	12	0	18.55	18.46	18.35	19	2.5
5	256QAM	12	7	18.62	18.53	18.56		
5	256QAM	12	13	18.59	18.74	18.45		
5	256QAM	25	0	18.38	18.60	18.58		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	20.04	20.17	20.03	21.5	0
3	QPSK	1	8	20.00	20.05	19.87		
3	QPSK	1	14	19.88	19.99	20.05		
3	QPSK	8	0	20.14	20.22	20.12	21.5	0
3	QPSK	8	4	20.14	19.95	19.99		
3	QPSK	8	7	19.93	20.31	20.04		
3	QPSK	15	0	20.17	20.33	20.19		
3	16QAM	1	0	20.08	20.26	20.14	21.5	0
3	16QAM	1	8	19.93	20.08	20.05		
3	16QAM	1	14	19.83	20.11	20.03		
3	16QAM	8	0	20.04	19.80	20.09	21.5	0
3	16QAM	8	4	20.10	20.14	20.10		
3	16QAM	8	7	19.87	20.05	20.13		
3	16QAM	15	0	20.13	19.96	19.89		
3	64QAM	1	0	19.98	20.07	20.08	21.5	0
3	64QAM	1	8	20.06	19.96	19.96		
3	64QAM	1	14	19.83	19.91	19.89		
3	64QAM	8	0	19.59	19.64	19.62	21	0.5
3	64QAM	8	4	19.72	19.60	19.62		
3	64QAM	8	7	19.53	19.71	19.64		
3	64QAM	15	0	19.74	19.48	19.64		
3	256QAM	1	0	18.48	18.50	18.57	19	2.5
3	256QAM	1	8	18.50	18.47	18.31		
3	256QAM	1	14	18.37	18.53	18.53		
3	256QAM	8	0	18.50	18.53	18.49	19	2.5
3	256QAM	8	4	18.64	18.55	18.48		
3	256QAM	8	7	18.50	18.78	18.38		
3	256QAM	15	0	18.42	18.61	18.62		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	19.98	20.26	20.16	21.5	0
1.4	QPSK	1	3	19.94	20.10	19.98		
1.4	QPSK	1	5	20.04	19.89	20.12		
1.4	QPSK	3	0	20.21	20.16	20.06		
1.4	QPSK	3	1	20.13	20.03	19.95		
1.4	QPSK	3	3	19.98	20.16	20.18		
1.4	QPSK	6	0	20.31	20.26	20.09	21.5	0
1.4	16QAM	1	0	20.06	20.24	20.05	21.5	0
1.4	16QAM	1	3	20.00	20.10	19.95		
1.4	16QAM	1	5	19.93	19.91	19.93		
1.4	16QAM	3	0	20.00	19.85	20.11		
1.4	16QAM	3	1	20.10	19.98	20.14		
1.4	16QAM	3	3	19.96	20.05	20.17		
1.4	16QAM	6	0	20.21	19.99	19.87	21.5	0
1.4	64QAM	1	0	19.96	20.19	19.91	21.5	0
1.4	64QAM	1	3	20.01	20.09	20.03		
1.4	64QAM	1	5	19.97	19.99	19.88		
1.4	64QAM	3	0	19.60	19.66	19.64		
1.4	64QAM	3	1	19.56	19.61	19.60		
1.4	64QAM	3	3	19.52	19.68	19.61		
1.4	64QAM	6	0	19.79	19.50	19.67	21	0.5
1.4	256QAM	1	0	18.53	18.57	18.48	19	2.5
1.4	256QAM	1	3	18.50	18.54	18.33		
1.4	256QAM	1	5	18.51	18.43	18.46		
1.4	256QAM	3	0	18.54	18.61	18.44		
1.4	256QAM	3	1	18.47	18.57	18.61		
1.4	256QAM	3	3	18.58	18.75	18.43		
1.4	256QAM	6	0	18.54	18.47	18.42	19	2.5

Band 7_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.06	21.08	21.06	22	0
20	QPSK	1	49	20.97	20.98	20.97		
20	QPSK	1	99	21.02	21.00	20.96		
20	QPSK	50	0	20.83	20.90	20.89	22	0
20	QPSK	50	24	20.84	20.86	20.83		
20	QPSK	50	50	20.87	20.87	20.87		
20	QPSK	100	0	20.83	20.84	20.77		
20	16QAM	1	0	20.70	20.84	20.65	22	0
20	16QAM	1	49	20.76	20.83	20.75		
20	16QAM	1	99	20.79	20.81	20.73		
20	16QAM	50	0	20.89	20.97	20.80	22	0
20	16QAM	50	24	21.01	20.95	20.84		
20	16QAM	50	50	20.94	21.00	20.89		
20	16QAM	100	0	20.96	20.91	20.87		
20	64QAM	1	0	20.90	21.07	20.91	22	0
20	64QAM	1	49	21.00	21.03	20.91		
20	64QAM	1	99	21.00	21.12	20.97		
20	64QAM	50	0	19.91	19.87	19.91	21	1
20	64QAM	50	24	19.96	19.97	19.84		
20	64QAM	50	50	19.92	19.97	19.97		
20	64QAM	100	0	20.01	19.88	19.81		
20	256QAM	1	0	17.56	17.57	17.48	19	3
20	256QAM	1	49	17.43	17.58	17.47		
20	256QAM	1	99	17.64	17.64	17.58		
20	256QAM	50	0	17.51	17.57	17.53	19	3
20	256QAM	50	24	17.39	17.50	17.51		
20	256QAM	50	50	17.58	17.54	17.55		
20	256QAM	100	0	17.49	17.53	17.40		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	20.97	21.00	20.95	22	0
15	QPSK	1	37	20.93	20.92	20.93		
15	QPSK	1	74	20.93	20.90	20.84		
15	QPSK	36	0	20.77	20.89	20.87	22	0
15	QPSK	36	20	20.75	20.77	20.81		
15	QPSK	36	39	20.82	20.85	20.75		
15	QPSK	75	0	20.73	20.81	20.71		
15	16QAM	1	0	20.62	20.76	20.64	22	0
15	16QAM	1	37	20.65	20.71	20.74		
15	16QAM	1	74	20.78	20.72	20.65		
15	16QAM	36	0	20.77	20.95	20.75	22	0
15	16QAM	36	20	20.93	20.85	20.79		
15	16QAM	36	39	20.83	20.92	20.78		
15	16QAM	75	0	20.85	20.79	20.85		
15	64QAM	1	0	20.83	20.98	20.90	22	0
15	64QAM	1	37	20.99	20.93	20.85		
15	64QAM	1	74	20.98	21.00	20.92		
15	64QAM	36	0	19.83	19.78	19.90	21	1
15	64QAM	36	20	19.93	19.89	19.77		
15	64QAM	36	39	19.87	19.93	19.86		
15	64QAM	75	0	19.93	19.79	19.76		
15	256QAM	1	0	17.53	17.54	17.38	19	3
15	256QAM	1	37	17.35	17.48	17.38		
15	256QAM	1	74	17.62	17.58	17.47		
15	256QAM	36	0	17.47	17.51	17.47	19	3
15	256QAM	36	20	17.34	17.47	17.50		
15	256QAM	36	39	17.53	17.51	17.45		
15	256QAM	75	0	17.43	17.47	17.30		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	20.99	21.00	21.03	22	0
10	QPSK	1	25	20.88	20.91	20.93		
10	QPSK	1	49	20.92	20.96	20.88		
10	QPSK	25	0	20.75	20.82	20.85	22	0
10	QPSK	25	12	20.79	20.74	20.77		
10	QPSK	25	25	20.78	20.82	20.79		
10	QPSK	50	0	20.82	20.73	20.67		
10	16QAM	1	0	20.64	20.75	20.63	22	0
10	16QAM	1	25	20.67	20.79	20.63		
10	16QAM	1	49	20.67	20.73	20.62		
10	16QAM	25	0	20.80	20.95	20.76	22	0
10	16QAM	25	12	20.98	20.91	20.76		
10	16QAM	25	25	20.91	20.91	20.88		
10	16QAM	50	0	20.88	20.79	20.82		
10	64QAM	1	0	20.84	20.99	20.84	22	0
10	64QAM	1	25	20.96	20.92	20.83		
10	64QAM	1	49	20.89	21.00	20.85		
10	64QAM	25	0	19.82	19.86	19.89	21	1
10	64QAM	25	12	19.90	19.91	19.76		
10	64QAM	25	25	19.86	19.91	19.93		
10	64QAM	50	0	19.96	19.86	19.79		
10	256QAM	1	0	17.54	17.48	17.39	19	3
10	256QAM	1	25	17.40	17.49	17.35		
10	256QAM	1	49	17.57	17.57	17.53		
10	256QAM	25	0	17.42	17.53	17.47	19	3
10	256QAM	25	12	17.30	17.42	17.44		
10	256QAM	25	25	17.48	17.43	17.52		
10	256QAM	50	0	17.42	17.51	17.39		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	21.00	20.97	20.94	22	0
5	QPSK	1	12	20.89	20.90	20.85		
5	QPSK	1	24	20.90	20.92	20.87		
5	QPSK	12	0	20.80	20.86	20.87	22	0
5	QPSK	12	7	20.83	20.83	20.82		
5	QPSK	12	13	20.76	20.85	20.84		
5	QPSK	25	0	20.71	20.77	20.65		
5	16QAM	1	0	20.59	20.81	20.54	22	0
5	16QAM	1	12	20.73	20.82	20.69		
5	16QAM	1	24	20.75	20.70	20.72		
5	16QAM	12	0	20.86	20.85	20.75	22	0
5	16QAM	12	7	20.99	20.92	20.79		
5	16QAM	12	13	20.91	20.97	20.86		
5	16QAM	25	0	20.84	20.90	20.76		
5	64QAM	1	0	20.89	21.06	20.90	22	0
5	64QAM	1	12	20.97	20.93	20.84		
5	64QAM	1	24	20.92	21.10	20.89		
5	64QAM	12	0	19.84	19.84	19.86	21	1
5	64QAM	12	7	19.87	19.92	19.81		
5	64QAM	12	13	19.81	19.87	19.94		
5	64QAM	25	0	20.00	19.85	19.79		
5	256QAM	1	0	17.54	17.47	17.45	19	3
5	256QAM	1	12	17.36	17.50	17.46		
5	256QAM	1	24	17.58	17.53	17.57		
5	256QAM	12	0	17.42	17.50	17.45	19	3
5	256QAM	12	7	17.37	17.42	17.39		
5	256QAM	12	13	17.47	17.49	17.43		
5	256QAM	25	0	17.40	17.44	17.29		

Band 7_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.68	13.84	13.78	15	0
20	QPSK	1	49	13.62	13.68	13.76		
20	QPSK	1	99	13.60	13.67	13.67		
20	QPSK	50	0	13.59	13.83	13.68	15	0
20	QPSK	50	24	13.45	13.75	13.62		
20	QPSK	50	50	13.40	13.72	13.58		
20	QPSK	100	0	13.56	13.81	13.60		
20	16QAM	1	0	13.38	13.64	13.58	15	0
20	16QAM	1	49	13.61	13.75	13.76		
20	16QAM	1	99	13.63	13.77	13.77		
20	16QAM	50	0	13.41	13.53	13.61	15	0
20	16QAM	50	24	13.62	13.67	13.64		
20	16QAM	50	50	13.50	13.75	13.63		
20	16QAM	100	0	13.48	13.58	13.65		
20	64QAM	1	0	13.66	13.69	13.76	15	0
20	64QAM	1	49	13.67	13.74	13.76		
20	64QAM	1	99	13.41	13.56	13.58		
20	64QAM	50	0	13.63	13.83	13.65	15	0
20	64QAM	50	24	13.54	13.66	13.71		
20	64QAM	50	50	13.52	13.54	13.73		
20	64QAM	100	0	13.65	13.69	13.66		
20	256QAM	1	0	13.60	13.67	13.67	15	0
20	256QAM	1	49	13.40	13.50	13.72		
20	256QAM	1	99	13.59	13.78	13.61		
20	256QAM	50	0	13.59	13.70	13.71	15	0
20	256QAM	50	24	13.59	13.81	13.71		
20	256QAM	50	50	13.54	13.75	13.69		
20	256QAM	100	0	13.41	13.50	13.70		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	13.64	13.69	13.70	15	0
15	QPSK	1	37	13.49	13.62	13.74		
15	QPSK	1	74	13.42	13.59	13.58		
15	QPSK	36	0	13.42	13.67	13.54	15	0
15	QPSK	36	20	13.29	13.51	13.57		
15	QPSK	36	39	13.46	13.70	13.64		
15	QPSK	75	0	13.47	13.73	13.59		
15	16QAM	1	0	13.21	13.61	13.56	15	0
15	16QAM	1	37	13.48	13.57	13.61		
15	16QAM	1	74	13.62	13.70	13.74		
15	16QAM	36	0	13.26	13.39	13.49	15	0
15	16QAM	36	20	13.59	13.57	13.58		
15	16QAM	36	39	13.41	13.58	13.46		
15	16QAM	75	0	13.43	13.46	13.48		
15	64QAM	1	0	13.57	13.60	13.73	15	0
15	64QAM	1	37	13.53	13.56	13.62		
15	64QAM	1	74	13.28	13.43	13.57		
15	64QAM	36	0	13.50	13.76	13.52	15	0
15	64QAM	36	20	13.43	13.58	13.55		
15	64QAM	36	39	13.42	13.53	13.62		
15	64QAM	75	0	13.52	13.56	13.60		
15	256QAM	1	0	13.55	13.63	13.55	15	0
15	256QAM	1	37	13.37	13.34	13.70		
15	256QAM	1	74	13.49	13.61	13.45		
15	256QAM	36	0	13.46	13.53	13.70	15	0
15	256QAM	36	20	13.54	13.67	13.65		
15	256QAM	36	39	13.37	13.73	13.55		
15	256QAM	75	0	13.38	13.35	13.52		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	13.57	13.68	13.61	15	0
10	QPSK	1	25	13.45	13.51	13.64		
10	QPSK	1	49	13.51	13.61	13.64		
10	QPSK	25	0	13.45	13.71	13.55	15	0
10	QPSK	25	12	13.32	13.60	13.42		
10	QPSK	25	25	13.38	13.67	13.55		
10	QPSK	50	0	13.42	13.67	13.56		
10	16QAM	1	0	13.27	13.57	13.47	15	0
10	16QAM	1	25	13.59	13.60	13.62		
10	16QAM	1	49	13.57	13.67	13.74		
10	16QAM	25	0	13.23	13.40	13.52	15	0
10	16QAM	25	12	13.48	13.55	13.52		
10	16QAM	25	25	13.41	13.64	13.56		
10	16QAM	50	0	13.30	13.42	13.48		
10	64QAM	1	0	13.59	13.52	13.73	15	0
10	64QAM	1	25	13.62	13.65	13.75		
10	64QAM	1	49	13.28	13.45	13.55		
10	64QAM	25	0	13.61	13.70	13.64	15	0
10	64QAM	25	12	13.51	13.53	13.64		
10	64QAM	25	25	13.48	13.42	13.64		
10	64QAM	50	0	13.53	13.54	13.49		
10	256QAM	1	0	13.45	13.61	13.50	15	0
10	256QAM	1	25	13.22	13.37	13.62		
10	256QAM	1	49	13.43	13.70	13.44		
10	256QAM	25	0	13.48	13.56	13.55	15	0
10	256QAM	25	12	13.48	13.72	13.57		
10	256QAM	25	25	13.43	13.66	13.62		
10	256QAM	50	0	13.40	13.39	13.67		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	13.59	13.68	13.62	15	0
5	QPSK	1	12	13.37	13.58	13.72		
5	QPSK	1	24	13.59	13.60	13.55		
5	QPSK	12	0	13.50	13.70	13.51	15	0
5	QPSK	12	7	13.29	13.44	13.56		
5	QPSK	12	13	13.37	13.78	13.57		
5	QPSK	25	0	13.47	13.78	13.56		
5	16QAM	1	0	13.37	13.52	13.46	15	0
5	16QAM	1	12	13.59	13.73	13.59		
5	16QAM	1	24	13.51	13.74	13.66		
5	16QAM	12	0	13.25	13.44	13.45	15	0
5	16QAM	12	7	13.50	13.50	13.46		
5	16QAM	12	13	13.42	13.67	13.48		
5	16QAM	25	0	13.36	13.45	13.53		
5	64QAM	1	0	13.58	13.65	13.67	15	0
5	64QAM	1	12	13.55	13.70	13.75		
5	64QAM	1	24	13.34	13.46	13.52		
5	64QAM	12	0	13.53	13.74	13.56	15	0
5	64QAM	12	7	13.39	13.63	13.64		
5	64QAM	12	13	13.40	13.44	13.57		
5	64QAM	25	0	13.49	13.60	13.59		
5	256QAM	1	0	13.43	13.55	13.54	15	0
5	256QAM	1	12	13.26	13.36	13.56		
5	256QAM	1	24	13.53	13.60	13.44		
5	256QAM	12	0	13.56	13.62	13.63	15	0
5	256QAM	12	7	13.48	13.71	13.56		
5	256QAM	12	13	13.52	13.73	13.51		
5	256QAM	25	0	13.38	13.48	13.60		

Band 12_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.09	23.14	23.12	24	0
10	QPSK	1	25	23.06	23.05	23.05		
10	QPSK	1	49	23.06	23.06	23.10		
10	QPSK	25	0	22.16	22.19	22.17	23	1
10	QPSK	25	12	22.12	22.10	22.10		
10	QPSK	25	25	22.15	22.18	22.15		
10	QPSK	50	0	22.11	22.18	22.07		
10	16QAM	1	0	22.28	22.40	22.39	23	1
10	16QAM	1	25	22.38	22.39	22.35		
10	16QAM	1	49	22.42	22.46	22.42		
10	16QAM	25	0	21.14	21.08	21.11	22	2
10	16QAM	25	12	21.15	21.21	21.14		
10	16QAM	25	25	21.19	21.19	21.15		
10	16QAM	50	0	21.10	21.20	21.10		
10	64QAM	1	0	21.21	21.29	21.23	22	2
10	64QAM	1	25	21.25	21.26	21.23		
10	64QAM	1	49	21.29	21.40	21.29		
10	64QAM	25	0	20.16	20.12	20.15	21	3
10	64QAM	25	12	20.18	20.20	20.13		
10	64QAM	25	25	20.25	20.22	20.21		
10	64QAM	50	0	20.15	20.22	20.10		
10	256QAM	1	0	17.98	18.09	18.04	19	5
10	256QAM	1	25	17.97	18.07	18.03		
10	256QAM	1	49	18.05	18.14	18.02		
10	256QAM	25	0	17.98	18.01	17.99	19	5
10	256QAM	25	12	17.90	18.02	17.95		
10	256QAM	25	25	17.98	18.06	18.05		
10	256QAM	50	0	17.91	17.98	17.97		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.03	23.04	24	0
5	QPSK	1	12	23.05	23.06	23.10		
5	QPSK	1	24	23.03	23.08	23.08		
5	QPSK	12	0	22.10	22.06	22.01	23	1
5	QPSK	12	7	22.13	22.09	22.03		
5	QPSK	12	13	22.09	22.12	22.05		
5	QPSK	25	0	22.13	22.06	22.00		
5	16QAM	1	0	22.33	22.37	22.39	23	1
5	16QAM	1	12	22.33	22.32	22.44		
5	16QAM	1	24	22.39	22.45	22.32		
5	16QAM	12	0	21.17	21.10	21.05	22	2
5	16QAM	12	7	21.19	21.11	21.07		
5	16QAM	12	13	21.10	21.15	21.09		
5	16QAM	25	0	21.12	21.04	21.03		
5	64QAM	1	0	21.15	21.17	21.19	22	2
5	64QAM	1	12	21.22	21.22	21.17		
5	64QAM	1	24	21.24	21.26	21.21		
5	64QAM	12	0	20.15	20.13	20.03	21	3
5	64QAM	12	7	20.20	20.12	20.08		
5	64QAM	12	13	20.10	20.15	20.09		
5	64QAM	25	0	20.09	20.07	20.03		
5	256QAM	1	0	17.97	18.07	17.99	19	5
5	256QAM	1	12	17.92	18.01	17.94		
5	256QAM	1	24	18.01	18.07	18.00		
5	256QAM	12	0	17.89	17.89	17.93	19	5
5	256QAM	12	7	17.80	17.95	17.91		
5	256QAM	12	13	17.92	18.01	18.01		
5	256QAM	25	0	17.86	17.97	17.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.04	22.99	24	0
3	QPSK	1	8	23.08	23.09	23.10		
3	QPSK	1	14	22.96	23.01	22.98		
3	QPSK	8	0	22.12	22.04	21.99	23	1
3	QPSK	8	4	22.12	22.05	22.10		
3	QPSK	8	7	22.07	22.07	21.99		
3	QPSK	15	0	22.08	22.03	21.95		
3	16QAM	1	0	22.34	22.40	22.31	23	1
3	16QAM	1	8	22.49	22.43	22.43		
3	16QAM	1	14	22.27	22.34	22.32		
3	16QAM	8	0	21.14	21.07	21.03	22	2
3	16QAM	8	4	21.19	21.08	21.16		
3	16QAM	8	7	21.09	21.13	21.04		
3	16QAM	15	0	21.12	21.04	21.02		
3	64QAM	1	0	21.34	21.20	21.12	22	2
3	64QAM	1	8	21.34	21.36	21.26		
3	64QAM	1	14	21.17	21.25	21.22		
3	64QAM	8	0	20.20	20.13	20.04	21	3
3	64QAM	8	4	20.19	20.11	20.13		
3	64QAM	8	7	20.15	20.12	20.06		
3	64QAM	15	0	20.11	20.08	20.04		
3	256QAM	1	0	17.88	17.97	17.95	19	5
3	256QAM	1	8	17.88	18.00	17.94		
3	256QAM	1	14	17.99	18.10	17.91		
3	256QAM	8	0	17.96	17.97	17.91	19	5
3	256QAM	8	4	17.81	17.96	17.91		
3	256QAM	8	7	17.93	18.01	17.99		
3	256QAM	15	0	17.83	17.87	17.85		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	23.02	22.90	24	0
1.4	QPSK	1	3	23.06	23.06	23.01		
1.4	QPSK	1	5	22.92	23.00	22.97		
1.4	QPSK	3	0	22.99	22.94	22.86		
1.4	QPSK	3	1	22.94	23.00	22.92		
1.4	QPSK	3	3	22.80	22.93	22.92		
1.4	QPSK	6	0	21.97	21.95	21.87	23	1
1.4	16QAM	1	0	22.29	22.39	22.21	23	1
1.4	16QAM	1	3	22.48	22.33	22.33		
1.4	16QAM	1	5	22.15	22.23	22.29		
1.4	16QAM	3	0	22.23	22.33	22.17		
1.4	16QAM	3	1	22.41	22.23	22.28		
1.4	16QAM	3	3	22.06	22.17	22.27		
1.4	16QAM	6	0	21.03	20.96	20.95	22	2
1.4	64QAM	1	0	21.25	21.17	21.11	22	2
1.4	64QAM	1	3	21.33	21.28	21.21		
1.4	64QAM	1	5	21.10	21.20	21.12		
1.4	64QAM	3	0	21.21	21.11	21.01		
1.4	64QAM	3	1	21.31	21.18	21.16		
1.4	64QAM	3	3	20.98	21.16	21.10		
1.4	64QAM	6	0	20.10	20.03	20.00	21	3
1.4	256QAM	1	0	17.86	17.92	17.88	19	5
1.4	256QAM	1	3	17.79	17.91	17.93		
1.4	256QAM	1	5	17.89	17.98	17.85		
1.4	256QAM	3	0	17.91	17.92	17.84		
1.4	256QAM	3	1	17.70	17.85	17.90		
1.4	256QAM	3	3	17.88	17.95	17.92		
1.4	256QAM	6	0	17.74	17.85	17.75	19	5

Band 12_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.21	22.24	22.17	23.5	0
10	QPSK	1	25	22.17	22.20	22.15		
10	QPSK	1	49	22.11	22.15	22.08		
10	QPSK	25	0	21.74	21.87	21.76	23	0.5
10	QPSK	25	12	21.68	21.76	21.74		
10	QPSK	25	25	21.61	21.74	21.67		
10	QPSK	50	0	21.78	21.83	21.78		
10	16QAM	1	0	21.90	21.93	21.93	23	0.5
10	16QAM	1	25	21.96	22.08	21.98		
10	16QAM	1	49	22.09	21.97	22.02		
10	16QAM	25	0	20.69	20.68	20.69	22	1.5
10	16QAM	25	12	20.69	20.74	20.67		
10	16QAM	25	25	20.76	20.74	20.71		
10	16QAM	50	0	20.75	20.61	20.63		
10	64QAM	1	0	21.02	20.94	20.95	22	1.5
10	64QAM	1	25	21.03	21.14	20.79		
10	64QAM	1	49	21.08	21.20	21.08		
10	64QAM	25	0	19.84	19.81	19.71	21	2.5
10	64QAM	25	12	19.82	19.78	19.84		
10	64QAM	25	25	19.92	19.84	19.89		
10	64QAM	50	0	19.88	19.75	19.79		
10	256QAM	1	0	17.74	17.77	17.60	19	4.5
10	256QAM	1	25	17.80	17.66	17.77		
10	256QAM	1	49	17.84	17.83	17.82		
10	256QAM	25	0	17.77	17.79	17.66	19	4.5
10	256QAM	25	12	17.72	17.76	17.83		
10	256QAM	25	25	17.81	17.83	17.85		
10	256QAM	50	0	17.77	17.71	17.71		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.14	22.23	22.13	23.5	0
5	QPSK	1	12	22.12	22.12	22.08		
5	QPSK	1	24	22.07	22.05	22.02		
5	QPSK	12	0	21.70	21.80	21.67	23	0.5
5	QPSK	12	7	21.62	21.73	21.68		
5	QPSK	12	13	21.52	21.64	21.62		
5	QPSK	25	0	21.74	21.77	21.76		
5	16QAM	1	0	21.81	21.85	21.91	23	0.5
5	16QAM	1	12	21.95	22.05	21.90		
5	16QAM	1	24	22.02	21.92	21.96		
5	16QAM	12	0	20.62	20.59	20.67	22	1.5
5	16QAM	12	7	20.68	20.67	20.60		
5	16QAM	12	13	20.73	20.68	20.69		
5	16QAM	25	0	20.71	20.61	20.56		
5	64QAM	1	0	20.93	20.91	20.88	22	1.5
5	64QAM	1	12	21.00	21.10	20.71		
5	64QAM	1	24	21.00	21.16	21.04		
5	64QAM	12	0	19.78	19.71	19.68	21	2.5
5	64QAM	12	7	19.76	19.79	19.73		
5	64QAM	12	13	19.85	19.81	19.87		
5	64QAM	25	0	19.77	19.71	19.73		
5	256QAM	1	0	17.62	17.76	17.55	19	4.5
5	256QAM	1	12	17.72	17.60	17.72		
5	256QAM	1	24	17.82	17.73	17.74		
5	256QAM	12	0	17.68	17.78	17.61	19	4.5
5	256QAM	12	7	17.62	17.67	17.80		
5	256QAM	12	13	17.75	17.76	17.76		
5	256QAM	25	0	17.70	17.61	17.63		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.18	22.14	22.12	23.5	0
3	QPSK	1	8	22.07	22.15	22.10		
3	QPSK	1	14	22.09	22.08	21.96		
3	QPSK	8	0	21.66	21.84	21.70	23	0.5
3	QPSK	8	4	21.66	21.68	21.66		
3	QPSK	8	7	21.57	21.67	21.62		
3	QPSK	15	0	21.72	21.76	21.73		
3	16QAM	1	0	21.84	21.85	21.91	23	0.5
3	16QAM	1	8	21.96	22.06	21.93		
3	16QAM	1	14	22.04	21.93	21.93		
3	16QAM	8	0	20.64	20.62	20.68	22	1.5
3	16QAM	8	4	20.70	20.71	20.62		
3	16QAM	8	7	20.70	20.70	20.65		
3	16QAM	15	0	20.67	20.51	20.57		
3	64QAM	1	0	20.96	20.93	20.87	22	1.5
3	64QAM	1	8	21.02	21.07	20.70		
3	64QAM	1	14	21.08	21.09	21.08		
3	64QAM	8	0	19.79	19.71	19.71	21	2.5
3	64QAM	8	4	19.79	19.69	19.77		
3	64QAM	8	7	19.93	19.76	19.83		
3	64QAM	15	0	19.79	19.67	19.68		
3	256QAM	1	0	17.64	17.70	17.51	19	4.5
3	256QAM	1	8	17.75	17.61	17.69		
3	256QAM	1	14	17.78	17.83	17.74		
3	256QAM	8	0	17.70	17.76	17.57	19	4.5
3	256QAM	8	4	17.68	17.65	17.77		
3	256QAM	8	7	17.76	17.75	17.84		
3	256QAM	15	0	17.75	17.67	17.64		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.18	22.23	22.11	23.5	0
1.4	QPSK	1	3	22.18	22.12	22.05		
1.4	QPSK	1	5	22.07	22.09	21.99		
1.4	QPSK	3	0	21.74	21.81	21.67		
1.4	QPSK	3	1	21.62	21.67	21.69		
1.4	QPSK	3	3	21.55	21.72	21.66		
1.4	QPSK	6	0	21.72	21.74	21.70	23	0.5
1.4	16QAM	1	0	21.82	21.91	21.89	23	0.5
1.4	16QAM	1	3	21.89	22.00	21.91		
1.4	16QAM	1	5	22.03	21.96	22.00		
1.4	16QAM	3	0	20.65	20.62	20.65		
1.4	16QAM	3	1	20.59	20.69	20.60		
1.4	16QAM	3	3	20.69	20.69	20.67		
1.4	16QAM	6	0	20.76	20.53	20.54	22	1.5
1.4	64QAM	1	0	20.97	20.91	20.87	22	1.5
1.4	64QAM	1	3	20.92	21.09	20.73		
1.4	64QAM	1	5	21.05	21.15	21.09		
1.4	64QAM	3	0	19.77	19.75	19.63		
1.4	64QAM	3	1	19.81	19.73	19.85		
1.4	64QAM	3	3	19.88	19.80	19.89		
1.4	64QAM	6	0	19.84	19.64	19.72	21	2.5
1.4	256QAM	1	0	17.71	17.66	17.48	19	4.5
1.4	256QAM	1	3	17.75	17.58	17.67		
1.4	256QAM	1	5	17.78	17.83	17.74		
1.4	256QAM	3	0	17.74	17.71	17.62		
1.4	256QAM	3	1	17.68	17.69	17.76		
1.4	256QAM	3	3	17.76	17.78	17.79		
1.4	256QAM	6	0	17.75	17.68	17.68	19	4.5

Band 13_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.98			
10	QPSK	1	49		23.00			
10	QPSK	25	0		22.11		23	1
10	QPSK	25	12		22.01			
10	QPSK	25	25		22.08			
10	QPSK	50	0		22.07			
10	16QAM	1	0		22.35		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.35			
10	16QAM	25	0		21.06		22	2
10	16QAM	25	12		21.04			
10	16QAM	25	25		21.07			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.14		22	2
10	64QAM	1	25		21.21			
10	64QAM	1	49		21.25			
10	64QAM	25	0		20.08		21	3
10	64QAM	25	12		20.09			
10	64QAM	25	25		20.11			
10	64QAM	50	0		20.11			
10	256QAM	1	0		17.95		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		17.92			
10	256QAM	25	0		17.93		19	5
10	256QAM	25	12		17.90			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.89			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.97	22.96	22.96	24	0
5	QPSK	1	12	23.03	22.99	22.97		
5	QPSK	1	24	22.92	22.96	22.97		
5	QPSK	12	0	21.92	21.98	21.96	23	1
5	QPSK	12	7	22.05	22.02	22.02		
5	QPSK	12	13	22.02	22.04	22.05		
5	QPSK	25	0	22.11	21.97	21.97		
5	16QAM	1	0	22.24	22.34	22.31	23	1
5	16QAM	1	12	22.24	22.30	22.33		
5	16QAM	1	24	22.32	22.31	22.25		
5	16QAM	12	0	21.02	20.99	20.99	22	2
5	16QAM	12	7	21.10	21.05	21.03		
5	16QAM	12	13	21.08	21.09	21.08		
5	16QAM	25	0	21.10	21.03	20.98		
5	64QAM	1	0	21.11	21.20	21.21	22	2
5	64QAM	1	12	21.19	21.17	21.18		
5	64QAM	1	24	21.23	21.19	21.21		
5	64QAM	12	0	20.02	20.01	20.01	21	3
5	64QAM	12	7	20.13	20.08	20.10		
5	64QAM	12	13	20.06	20.10	20.08		
5	64QAM	25	0	20.06	20.00	20.01		
5	256QAM	1	0	17.92	17.97	17.91	19	5
5	256QAM	1	12	17.94	17.98	17.99		
5	256QAM	1	24	18.00	17.90	17.99		
5	256QAM	12	0	17.89	17.92	17.98	19	5
5	256QAM	12	7	18.06	17.96	18.04		
5	256QAM	12	13	18.02	17.97	18.03		
5	256QAM	25	0	18.04	17.98	17.94		

Band 13_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.94		23	0
10	QPSK	1	25		21.86			
10	QPSK	1	49		21.78			
10	QPSK	25	0		21.84		23	0
10	QPSK	25	12		21.65			
10	QPSK	25	25		21.81			
10	QPSK	50	0		21.71			
10	16QAM	1	0		21.84		23	0
10	16QAM	1	25		21.85			
10	16QAM	1	49		21.82			
10	16QAM	25	0		20.73		22	1
10	16QAM	25	12		20.82			
10	16QAM	25	25		20.74			
10	16QAM	50	0		20.69			
10	64QAM	1	0		20.83		22	1
10	64QAM	1	25		20.89			
10	64QAM	1	49		21.04			
10	64QAM	25	0		19.75		21	2
10	64QAM	25	12		19.71			
10	64QAM	25	25		19.75			
10	64QAM	50	0		19.73			
10	256QAM	1	0		18.81		19	4
10	256QAM	1	25		18.68			
10	256QAM	1	49		18.79			
10	256QAM	25	0		18.77		19	4
10	256QAM	25	12		18.68			
10	256QAM	25	25		18.77			
10	256QAM	50	0		18.76			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.79	21.86	21.80	23	0
5	QPSK	1	12	22.15	21.89	22.27		
5	QPSK	1	24	21.76	21.93	21.92		
5	QPSK	12	0	21.72	21.86	21.80	23	0
5	QPSK	12	7	22.10	21.90	22.22		
5	QPSK	12	13	21.71	21.92	21.85		
5	QPSK	25	0	21.91	21.74	21.70		
5	16QAM	1	0	21.67	21.80	21.73	23	0
5	16QAM	1	12	22.05	21.88	22.17		
5	16QAM	1	24	21.63	21.89	21.76		
5	16QAM	12	0	20.71	20.71	20.64	22	1
5	16QAM	12	7	20.77	20.79	20.78		
5	16QAM	12	13	20.86	20.79	20.77		
5	16QAM	25	0	20.76	20.61	20.72		
5	64QAM	1	0	21.10	21.06	21.07	22	1
5	64QAM	1	12	20.97	20.97	20.94		
5	64QAM	1	24	20.97	21.10	20.90		
5	64QAM	12	0	19.73	19.80	19.52	21	2
5	64QAM	12	7	19.70	19.72	19.79		
5	64QAM	12	13	19.67	19.93	19.77		
5	64QAM	25	0	19.83	19.81	19.73		
5	256QAM	1	0	18.71	18.70	18.67	19	4
5	256QAM	1	12	18.57	18.66	18.57		
5	256QAM	1	24	18.72	18.69	18.73		
5	256QAM	12	0	18.73	18.62	18.68	19	4
5	256QAM	12	7	18.63	18.53	18.57		
5	256QAM	12	13	18.66	18.67	18.69		
5	256QAM	25	0	18.65	18.69	18.79		

Band 14_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency [MHz]					790.0			
5	QPSK	1	0		22.97		24	0
5	QPSK	1	12		22.97			
5	QPSK	1	24		22.97			
5	QPSK	12	0		22.97		23	1
5	QPSK	12	12		22.97			
5	QPSK	12	24		22.97			
5	QPSK	25	0		22.97			
5	16QAM	1	0		22.12		23	1
5	16QAM	1	12		22.12			
5	16QAM	1	24		22.12			
5	16QAM	12	0		21.12		22	2
5	16QAM	12	12		21.12			
5	16QAM	12	24		21.12			
5	16QAM	25	0		21.12			
5	64QAM	1	0		20.27		21	3
5	64QAM	1	12		20.27			
5	64QAM	1	24		20.27			
5	64QAM	12	0		19.27		19	5
5	64QAM	12	12		19.27			
5	64QAM	12	24		19.27			
5	64QAM	25	0		19.27			
Channel				23230	23230	23230	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				790.0	790.0	790.0		
5	QPSK	1	0	22.96	22.97	22.96	24	0
5	QPSK	1	12	22.96	22.97	22.96		
5	QPSK	1	24	22.96	22.97	22.96		
5	QPSK	12	0	22.10	22.11	22.07	23	1
5	QPSK	12	12	22.10	22.11	22.07		
5	QPSK	12	24	22.10	22.11	22.07		
5	QPSK	25	0	22.10	22.11	22.07		
5	16QAM	1	0	22.26	22.27	22.24	23	1
5	16QAM	1	12	22.26	22.27	22.24		
5	16QAM	1	24	22.26	22.27	22.24		
5	16QAM	12	0	21.12	21.12	21.09	22	2
5	16QAM	12	12	21.12	21.12	21.09		
5	16QAM	12	24	21.12	21.12	21.09		
5	16QAM	25	0	21.12	21.12	21.09		
5	64QAM	1	0	20.27	20.27	20.24	21	3
5	64QAM	1	12	20.27	20.27	20.24		
5	64QAM	1	24	20.27	20.27	20.24		
5	64QAM	12	0	19.27	19.27	19.24	19	5
5	64QAM	12	12	19.27	19.27	19.24		
5	64QAM	12	24	19.27	19.27	19.24		
5	64QAM	25	0	19.27	19.27	19.24		

Band 14_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency [MHz]					790.0			
5	QPSK	1	0		22.97		23.5	0
5	QPSK	1	12		22.97			
5	QPSK	1	24		22.97			
5	QPSK	12	0		21.97		23	0.5
5	QPSK	12	12		21.97			
5	QPSK	12	24		21.97			
5	QPSK	25	0		21.97			
5	16QAM	1	0		21.98		23	0.5
5	16QAM	1	12		21.98			
5	16QAM	1	24		21.98			
5	16QAM	12	0		20.98		22	1.5
5	16QAM	12	12		20.98			
5	16QAM	12	24		20.98			
5	16QAM	25	0		20.98			
5	64QAM	1	0		19.97		21	2.5
5	64QAM	1	12		19.97			
5	64QAM	1	24		19.97			
5	64QAM	12	0		18.97		19	4.5
5	64QAM	12	12		18.97			
5	64QAM	12	24		18.97			
5	64QAM	25	0		18.97			
Channel				23230	23230	23230	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				790.0	790.0	790.0		
5	QPSK	1	0	22.97	22.97	22.97	23.5	0
5	QPSK	1	12	22.97	22.97	22.97		
5	QPSK	1	24	22.97	22.97	22.97		
5	QPSK	12	0	21.97	21.97	21.97	23	0.5
5	QPSK	12	12	21.97	21.97	21.97		
5	QPSK	12	24	21.97	21.97	21.97		
5	QPSK	25	0	21.97	21.97	21.97		
5	16QAM	1	0	20.97	20.97	20.97	23	0.5
5	16QAM	1	12	20.97	20.97	20.97		
5	16QAM	1	24	20.97	20.97	20.97		
5	16QAM	12	0	19.97	19.97	19.97	22	1.5
5	16QAM	12	12	19.97	19.97	19.97		
5	16QAM	12	24	19.97	19.97	19.97		
5	16QAM	25	0	19.97	19.97	19.97		
5	64QAM	1	0	19.97	19.97	19.97	21	2.5
5	64QAM	1	12	19.97	19.97	19.97		
5	64QAM	1	24	19.97	19.97	19.97		
5	64QAM	12	0	18.97	18.97	18.97	19	4.5
5	64QAM	12	12	18.97	18.97	18.97		
5	64QAM	12	24	18.97	18.97	18.97		
5	64QAM	25	0	18.97	18.97	18.97		

Band 17_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23790			
Frequency [MHz]					707.5			
5	QPSK	1	0		22.97		24	0
5	QPSK	1	12		22.97			
5	QPSK	1	24		22.97			
5	QPSK	12	0		22.97		23	1
5	QPSK	12	12		22.97			
5	QPSK	12	24		22.97			
5	QPSK	25	0		22.97			
5	16QAM	1	0		22.12		23	1
5	16QAM	1	12		22.12			
5	16QAM	1	24		22.12			
5	16QAM	12	0		21.12		22	2
5	16QAM	12	12		21.12			
5	16QAM	12	24		21.12			
5	16QAM	25	0		21.12			
5	64QAM	1	0		20.27		21	3
5	64QAM	1	12		20.27			
5	64QAM	1	24		20.27			
5	64QAM	12	0		19.27		19	5
5	64QAM	12	12		19.27			
5	64QAM	12	24		19.27			
5	64QAM	25	0		19.27			
Channel				23790	23790	23790	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				707.5	707.5	707.5		
5	QPSK	1	0	22.96	22.97	22.96	24	0
5	QPSK	1	12	22.96	22.97	22.96		
5	QPSK	1	24	22.96	22.97	22.96		
5	QPSK	12	0	22.10	22.11	22.07	23	1
5	QPSK	12	12	22.10	22.11	22.07		
5	QPSK	12	24	22.10	22.11	22.07		
5	QPSK	25	0	22.10	22.11	22.07		
5	16QAM	1	0	22.26	22.27	22.24	23	1
5	16QAM	1	12	22.26	22.27	22.24		
5	16QAM	1	24	22.26	22.27	22.24		
5	16QAM	12	0	21.12	21.12	21.09	22	2
5	16QAM	12	12	21.12	21.12	21.09		
5	16QAM	12	24	21.12	21.12	21.09		
5	16QAM	25	0	21.12	21.12	21.09		
5	64QAM	1	0	20.27	20.27	20.24	21	3
5	64QAM	1	12	20.27	20.27	20.24		
5	64QAM	1	24	20.27	20.27	20.24		
5	64QAM	12	0	19.27	19.27	19.24	19	5
5	64QAM	12	12	19.27	19.27	19.24		
5	64QAM	12	24	19.27	19.27	19.24		
5	64QAM	25	0	19.27	19.27	19.24		

Band 17_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23790			
Frequency [MHz]					707.5			
5	QPSK	1	0		22.97		23.5	0
5	QPSK	1	12		22.97			
5	QPSK	1	24		22.97			
5	QPSK	12	0		21.97		23	0.5
5	QPSK	12	12		21.97			
5	QPSK	12	24		21.97			
5	QPSK	25	0		21.97			
5	16QAM	1	0		21.98		23	0.5
5	16QAM	1	12		21.98			
5	16QAM	1	24		21.98			
5	16QAM	12	0		20.98		22	1.5
5	16QAM	12	12		20.98			
5	16QAM	12	24		20.98			
5	16QAM	25	0		20.98			
5	64QAM	1	0		19.97		21	2.5
5	64QAM	1	12		19.97			
5	64QAM	1	24		19.97			
5	64QAM	12	0		18.97		19	4.5
5	64QAM	12	12		18.97			
5	64QAM	12	24		18.97			
5	64QAM	25	0		18.97			
Channel				23790	23790	23790	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				707.5	707.5	707.5		
5	QPSK	1	0	22.97	22.97	22.97	23.5	0
5	QPSK	1	12	22.97	22.97	22.97		
5	QPSK	1	24	22.97	22.97	22.97		
5	QPSK	12	0	21.97	21.97	21.97	23	0.5
5	QPSK	12	12	21.97	21.97	21.97		
5	QPSK	12	24	21.97	21.97	21.97		
5	QPSK	25	0	21.97	21.97	21.97		
5	16QAM	1	0	20.97	20.97	20.97	23	0.5
5	16QAM	1	12	20.97	20.97	20.97		
5	16QAM	1	24	20.97	20.97	20.97		
5	16QAM	12	0	19.97	19.97	19.97	22	1.5
5	16QAM	12	12	19.97	19.97	19.97		
5	16QAM	12	24	19.97	19.97	19.97		
5	16QAM	25	0	19.97	19.97	19.97		
5	64QAM	1	0	19.97	19.97	19.97	21	2.5
5	64QAM	1	12	19.97	19.97	19.97		
5	64QAM	1	24	19.97	19.97	19.97		
5	64QAM	12	0	18.97	18.97	18.97	19	4.5
5	64QAM	12	12	18.97	18.97	18.97		
5	64QAM	12	24	18.97	18.97	18.97		
5	64QAM	25	0	18.97	18.97	18.97		

Band 25_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.27	23.35	23.23	24	0
20	QPSK	1	49	22.97	23.00	23.02		
20	QPSK	1	99	22.83	22.89	22.96		
20	QPSK	50	0	22.18	22.26	22.13	23	1
20	QPSK	50	24	22.09	22.07	22.10		
20	QPSK	50	50	22.02	22.08	22.08		
20	QPSK	100	0	22.04	22.13	22.11		
20	16QAM	1	0	22.22	22.40	22.30	23	1
20	16QAM	1	49	22.30	22.32	22.37		
20	16QAM	1	99	22.23	22.27	22.28		
20	16QAM	50	0	21.08	21.07	21.09	22	2
20	16QAM	50	24	21.06	21.05	21.09		
20	16QAM	50	50	21.05	21.08	21.14		
20	16QAM	100	0	21.07	21.05	21.13		
20	64QAM	1	0	21.05	21.22	21.19	22	2
20	64QAM	1	49	21.21	21.16	21.24		
20	64QAM	1	99	21.21	21.13	21.20		
20	64QAM	50	0	20.12	20.09	20.11	21	3
20	64QAM	50	24	20.10	20.09	20.16		
20	64QAM	50	50	20.07	20.10	20.15		
20	64QAM	100	0	20.09	20.07	20.09		
20	256QAM	1	0	17.93	17.97	18.00	19	5
20	256QAM	1	49	18.02	17.92	17.97		
20	256QAM	1	99	18.00	17.89	17.92		
20	256QAM	50	0	18.01	17.90	17.97	19	5
20	256QAM	50	24	17.86	17.88	18.04		
20	256QAM	50	50	17.91	17.96	17.99		
20	256QAM	100	0	17.98	17.84	17.91		
Channel				26115	26340	26615	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1907.5	(dBm)	(dB)
15	QPSK	1	0	22.96	22.98	23.01	24	0
15	QPSK	1	37	22.93	22.98	23.02		
15	QPSK	1	74	22.85	22.92	22.94		
15	QPSK	36	0	22.12	22.11	22.14	23	1
15	QPSK	36	20	22.06	22.10	22.20		
15	QPSK	36	39	21.99	22.05	22.09		
15	QPSK	75	0	22.04	22.03	22.18		
15	16QAM	1	0	22.32	22.37	22.38	23	1
15	16QAM	1	37	22.25	22.24	22.37		
15	16QAM	1	74	22.21	22.32	22.36		
15	16QAM	36	0	21.11	21.11	21.19	22	2
15	16QAM	36	20	21.11	21.13	21.17		
15	16QAM	36	39	21.00	21.04	21.10		
15	16QAM	75	0	21.10	21.05	21.19		
15	64QAM	1	0	21.20	21.24	21.22	22	2
15	64QAM	1	37	21.15	21.19	21.21		
15	64QAM	1	74	21.18	21.12	21.23		
15	64QAM	36	0	20.17	20.14	20.19	21	3
15	64QAM	36	20	20.12	20.18	20.22		
15	64QAM	36	39	20.03	20.09	20.15		
15	64QAM	75	0	20.08	20.04	20.23		
15	256QAM	1	0	17.93	18.06	17.95	19	5
15	256QAM	1	37	17.98	17.94	17.93		
15	256QAM	1	74	18.00	17.90	17.93		
15	256QAM	36	0	18.04	17.89	17.98	19	5
15	256QAM	36	20	17.88	17.98	18.12		
15	256QAM	36	39	17.92	17.97	18.03		
15	256QAM	75	0	17.98	17.86	17.91		
Channel				26090	26340	26640	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1910	(dBm)	(dB)
10	QPSK	1	0	23.08	23.19	23.29	24	0
10	QPSK	1	25	23.03	23.15	23.19		
10	QPSK	1	49	22.90	23.00	23.24		
10	QPSK	25	0	22.26	22.24	22.32	23	1
10	QPSK	25	12	22.24	22.21	22.30		
10	QPSK	25	25	22.10	22.21	22.26		
10	QPSK	50	0	22.20	22.27	22.27		
10	16QAM	1	0	22.47	22.45	22.59	23	1
10	16QAM	1	25	22.48	22.54	22.60		
10	16QAM	1	49	22.36	22.41	22.58		
10	16QAM	25	0	21.29	21.30	21.29	22	2
10	16QAM	25	12	21.27	21.28	21.35		
10	16QAM	25	25	21.11	21.21	21.28		
10	16QAM	50	0	21.21	21.28	21.28		
10	64QAM	1	0	21.28	21.37	21.44	22	2
10	64QAM	1	25	21.25	21.36	21.43		
10	64QAM	1	49	21.21	21.31	21.50		
10	64QAM	25	0	20.32	20.32	20.37	21	3
10	64QAM	25	12	20.28	20.28	20.36		
10	64QAM	25	25	20.16	20.24	20.30		
10	64QAM	50	0	20.24	20.31	20.30		
10	256QAM	1	0	17.97	18.02	18.05	19	5
10	256QAM	1	25	17.99	17.94	17.93		
10	256QAM	1	49	17.93	17.98	17.99		
10	256QAM	25	0	18.00	17.94	17.90	19	5
10	256QAM	25	12	17.95	17.98	18.03		
10	256QAM	25	25	17.95	18.06	18.02		
10	256QAM	50	0	17.98	17.84	17.96		
Channel				26065	26340	26665	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1912.5	(dBm)	(dB)
5	QPSK	1	0	23.13	23.22	23.25	24	0
5	QPSK	1	12	23.13	23.21	23.27		
5	QPSK	1	24	23.01	23.09	23.29		
5	QPSK	12	0	22.19	22.21	22.33	23	1
5	QPSK	12	7	22.19	22.29	22.33		
5	QPSK	12	13	22.14	22.22	22.29		
5	QPSK	25	0	22.18	22.26	22.30		
5	16QAM	1	0	22.52	22.68	22.59	23	1
5	16QAM	1	12	22.63	22.61	22.62		
5	16QAM	1	24	22.41	22.50	22.66		
5	16QAM	12	0	21.26	21.28	21.40	22	2
5	16QAM	12	7	21.24	21.33	21.37		
5	16QAM	12	13	21.17	21.24	21.34		
5	16QAM	25	0	21.20	21.29	21.35		
5	64QAM	1	0	21.38	21.36	21.48	22	2
5	64QAM	1	12	21.27	21.36	21.37		
5	64QAM	1	24	21.20	21.32	21.45		
5	64QAM	12	0	20.26	20.27	20.39	21	3
5	64QAM	12	7	20.28	20.34	20.39		
5	64QAM	12	13	20.21	20.27	20.31		
5	64QAM	25	0	20.21	20.30	20.33		
5	256QAM	1	0	17.97	18.00	17.97	19	5
5	256QAM	1	12	18.00	17.93	18.04		
5	256QAM	1	24	17.98	17.92	18.00		
5	256QAM	12	0	18.02	17.95	17.88	19	5
5	256QAM	12	7	17.93	17.94	18.04		
5	256QAM	12	13	17.93	18.01	18.00		
5	256QAM	25	0	17.98	17.93	17.95		
Channel				26055	26340	26675	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1913.5	(dBm)	(dB)
3	QPSK	1	0	23.12	23.25	23.28	24	0
3	QPSK	1	8	23.11	23.27	23.31		
3	QPSK	1	14	23.02	23.15	23.23		
3	QPSK	8	0	22.20	22.26	22.30	23	1
3	QPSK	8	4	22.20	22.25	22.32		
3	QPSK	8	7	22.13	22.25	22.31		
3	QPSK	15	0	22.18	22.26	22.29		
3	16QAM	1	0	22.56	22.59	22.64	23	1
3	16QAM	1	8	22.62	22.64	22.78		
3	16QAM	1	14	22.41	22.59	22.55		
3	16QAM	8	0	21.26	21.34	21.37	22	2
3	16QAM	8	4	21.28	21.38	21.37		
3	16QAM	8	7	21.23	21.28	21.33		
3	16QAM	15	0	21.18	21.34	21.36		
3	64QAM	1	0	21.35	21.44	21.50	22	2
3	64QAM	1	8	21.32	21.47	21.57		
3	64QAM	1	14	21.21	21.38	21.48		
3	64QAM	8	0	20.29	20.37	20.43	21	3
3	64QAM	8	4	20.32	20.40	20.38		
3	64QAM	8	7	20.26	20.31	20.42		
3	64QAM	15	0	20.22	20.35	20.42		
3	256QAM	1	0	17.99	17.97	17.99	19	5
3	256QAM	1	8	18.06	17.90	17.93		
3	256QAM	1	14	17.94	17.91	17.98		
3	256QAM	8	0	17.99	17.86	17.96	19	5
3	256QAM	8	4	17.88	17.89	18.04		
3	256QAM	8	7	17.86	18.06	17.99		
3	256QAM	15	0	17.97	17.93	17.96		
Channel				26047	26340	26683	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1914.3	(dBm)	(dB)
1.4	QPSK	1	0	23.02	23.21	23.18	24	0
1.4	QPSK	1	3	23.08	23.20	23.25		
1.4	QPSK	1	5	23.00	23.08	23.11		
1.4	QPSK	3	0	22.96	23.19	23.09		
1.4	QPSK	3	1	22.98	23.12	23.15		
1.4	QPSK	3	3	22.95	23.00	23.08		
1.4	QPSK	6	0	22.15	22.16	22.25	23	1
1.4	16QAM	1	0	22.55	22.53	22.58	23	1
1.4	16QAM	1	3	22.53	22.52	22.70		
1.4	16QAM	1	5	22.32	22.54	22.50		
1.4	16QAM	3	0	22.44	22.43	22.57		
1.4	16QAM	3	1	22.51	22.46	22.59		
1.4	16QAM	3	3	22.21	22.47	22.45		
1.4	16QAM	6	0	21.07	21.22	21.25	22	2
1.4	64QAM	1	0	21.28	21.33	21.42	22	2
1.4	64QAM	1	3	21.28	21.40	21.49		
1.4	64QAM	1	5	21.17	21.31	21.47		
1.4	64QAM	3	0	21.23	21.21	21.33		
1.4	64QAM	3	1	21.17	21.34	21.45		
1.4	64QAM	3	3	21.09	21.22	21.36		
1.4	64QAM	6	0	20.19	20.30	20.30	21	3
1.4	256QAM	1	0	17.88	17.94	17.87	19	5
1.4	256QAM	1	3	17.95	17.80	17.92		
1.4	256QAM	1	5	17.83	17.81	17.90		
1.4	256QAM	3	0	17.88	17.78	17.92		
1.4	256QAM	3	1	17.87	17.81	17.97		
1.4	256QAM	3	3	17.76	18.05	17.88		
1.4	256QAM	6	0	17.92	17.86	17.93	19	5

Band 25_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	13.84	13.91	13.83	15.5	0
20	QPSK	1	49	13.72	13.79	13.52		
20	QPSK	1	99	13.57	13.62	13.62		
20	QPSK	50	0	13.74	13.86	13.68	15.5	0
20	QPSK	50	24	13.71	13.84	13.61		
20	QPSK	50	50	13.78	13.80	13.59		
20	QPSK	100	0	13.68	13.84	13.48		
20	16QAM	1	0	13.89	13.85	13.69	15.5	0
20	16QAM	1	49	13.64	13.67	13.36		
20	16QAM	1	99	13.52	13.50	13.63		
20	16QAM	50	0	13.74	13.86	13.65	15.5	0
20	16QAM	50	24	13.66	13.80	13.64		
20	16QAM	50	50	13.69	13.66	13.60		
20	16QAM	100	0	13.58	13.81	13.40		
20	64QAM	1	0	13.79	13.88	13.72	15.5	0
20	64QAM	1	49	13.76	13.65	13.35		
20	64QAM	1	99	13.54	13.51	13.61		
20	64QAM	50	0	13.75	13.77	13.60	15.5	0
20	64QAM	50	24	13.62	13.79	13.57		
20	64QAM	50	50	13.79	13.63	13.44		
20	64QAM	100	0	13.63	13.74	13.48		
20	256QAM	1	0	13.81	13.87	13.77	15.5	0
20	256QAM	1	49	13.70	13.63	13.41		
20	256QAM	1	99	13.51	13.48	13.55		
20	256QAM	50	0	13.70	13.81	13.63	15.5	0
20	256QAM	50	24	13.67	13.68	13.60		
20	256QAM	50	50	13.71	13.66	13.49		
20	256QAM	100	0	13.69	13.70	13.45		
Channel				26115	26340	26615	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1907.5	(dBm)	(dB)
15	QPSK	1	0	13.73	13.80	13.73	15.5	0
15	QPSK	1	37	13.66	13.59	13.45		
15	QPSK	1	74	13.54	13.76	13.56		
15	QPSK	36	0	13.62	13.84	13.64	15.5	0
15	QPSK	36	20	13.70	13.78	13.62		
15	QPSK	36	39	13.71	13.78	13.47		
15	QPSK	75	0	13.65	13.81	13.41		
15	16QAM	1	0	13.83	13.75	13.70	15.5	0
15	16QAM	1	37	13.59	13.62	13.30		
15	16QAM	1	74	13.46	13.49	13.58		
15	16QAM	36	0	13.65	13.81	13.58	15.5	0
15	16QAM	36	20	13.65	13.69	13.58		
15	16QAM	36	39	13.60	13.59	13.54		
15	16QAM	75	0	13.56	13.78	13.35		
15	64QAM	1	0	13.74	13.82	13.71	15.5	0
15	64QAM	1	37	13.69	13.63	13.27		
15	64QAM	1	74	13.49	13.43	13.53		
15	64QAM	36	0	13.74	13.75	13.54	15.5	0
15	64QAM	36	20	13.56	13.79	13.48		
15	64QAM	36	39	13.72	13.54	13.39		
15	64QAM	75	0	13.55	13.70	13.39		
15	256QAM	1	0	13.72	13.80	13.68	15.5	0
15	256QAM	1	37	13.64	13.56	13.37		
15	256QAM	1	74	13.46	13.43	13.53		
15	256QAM	36	0	13.59	13.72	13.62	15.5	0
15	256QAM	36	20	13.59	13.67	13.56		
15	256QAM	36	39	13.63	13.62	13.45		
15	256QAM	75	0	13.66	13.77	13.40		
Channel				26090	26340	26640	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1910	(dBm)	(dB)
10	QPSK	1	0	13.76	13.90	13.76	15.5	0
10	QPSK	1	25	13.64	13.63	13.51		
10	QPSK	1	49	13.49	13.57	13.58		
10	QPSK	25	0	13.66	13.80	13.61	15.5	0
10	QPSK	25	12	13.68	13.74	13.56		
10	QPSK	25	25	13.78	13.76	13.51		
10	QPSK	50	0	13.64	13.77	13.48		
10	16QAM	1	0	13.84	13.74	13.61	15.5	0
10	16QAM	1	25	13.52	13.61	13.26		
10	16QAM	1	49	13.51	13.42	13.60		
10	16QAM	25	0	13.74	13.81	13.63	15.5	0
10	16QAM	25	12	13.61	13.78	13.57		
10	16QAM	25	25	13.62	13.65	13.54		
10	16QAM	50	0	13.50	13.80	13.34		
10	64QAM	1	0	13.73	13.81	13.66	15.5	0
10	64QAM	1	25	13.67	13.56	13.31		
10	64QAM	1	49	13.45	13.46	13.53		
10	64QAM	25	0	13.68	13.73	13.52	15.5	0
10	64QAM	25	12	13.53	13.77	13.54		
10	64QAM	25	25	13.74	13.62	13.40		
10	64QAM	50	0	13.60	13.68	13.42		
10	256QAM	1	0	13.79	13.81	13.73	15.5	0
10	256QAM	1	25	13.62	13.54	13.38		
10	256QAM	1	49	13.45	13.43	13.49		
10	256QAM	25	0	13.66	13.76	13.57	15.5	0
10	256QAM	25	12	13.58	13.63	13.55		
10	256QAM	25	25	13.66	13.59	13.37		
10	256QAM	50	0	13.61	13.71	13.36		
Channel				26065	26340	26665	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1912.5	(dBm)	(dB)
5	QPSK	1	0	13.81	13.86	13.78	15.5	0
5	QPSK	1	12	13.66	13.70	13.44		
5	QPSK	1	24	13.52	13.52	13.58		
5	QPSK	12	0	13.69	13.85	13.65	15.5	0
5	QPSK	12	7	13.63	13.73	13.59		
5	QPSK	12	13	13.73	13.77	13.54		
5	QPSK	25	0	13.62	13.80	13.42		
5	16QAM	1	0	13.90	13.78	13.70	15.5	0
5	16QAM	1	12	13.60	13.57	13.30		
5	16QAM	1	24	13.47	13.46	13.59		
5	16QAM	12	0	13.74	13.81	13.60	15.5	0
5	16QAM	12	7	13.59	13.76	13.58		
5	16QAM	12	13	13.62	13.59	13.50		
5	16QAM	25	0	13.49	13.77	13.31		
5	64QAM	1	0	13.67	13.81	13.67	15.5	0
5	64QAM	1	12	13.69	13.54	13.29		
5	64QAM	1	24	13.49	13.44	13.56		
5	64QAM	12	0	13.70	13.73	13.52	15.5	0
5	64QAM	12	7	13.60	13.75	13.54		
5	64QAM	12	13	13.70	13.54	13.36		
5	64QAM	25	0	13.60	13.69	13.42		
5	256QAM	1	0	13.75	13.78	13.72	15.5	0
5	256QAM	1	12	13.69	13.63	13.33		
5	256QAM	1	24	13.46	13.46	13.55		
5	256QAM	12	0	13.69	13.79	13.54	15.5	0
5	256QAM	12	7	13.57	13.58	13.57		
5	256QAM	12	13	13.70	13.60	13.40		
5	256QAM	25	0	13.62	13.76	13.37		
Channel				26055	26340	26675	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1913.5	(dBm)	(dB)
3	QPSK	1	0	13.78	13.88	13.73	15.5	0
3	QPSK	1	8	13.69	13.68	13.45		
3	QPSK	1	14	13.45	13.60	13.56		
3	QPSK	8	0	13.72	13.83	13.62	15.5	0
3	QPSK	8	4	13.68	13.84	13.57		
3	QPSK	8	7	13.70	13.80	13.51		
3	QPSK	15	0	13.65	13.79	13.43		
3	16QAM	1	0	13.85	13.76	13.64	15.5	0
3	16QAM	1	8	13.54	13.63	13.27		
3	16QAM	1	14	13.49	13.50	13.55		
3	16QAM	8	0	13.68	13.81	13.65	15.5	0
3	16QAM	8	4	13.59	13.74	13.58		
3	16QAM	8	7	13.63	13.60	13.52		
3	16QAM	15	0	13.52	13.77	13.30		
3	64QAM	1	0	13.70	13.85	13.62	15.5	0
3	64QAM	1	8	13.74	13.57	13.26		
3	64QAM	1	14	13.55	13.45	13.52		
3	64QAM	8	0	13.69	13.68	13.50	15.5	0
3	64QAM	8	4	13.57	13.75	13.54		
3	64QAM	8	7	13.71	13.52	13.32		
3	64QAM	15	0	13.57	13.75	13.41		
3	256QAM	1	0	13.71	13.81	13.73	15.5	0
3	256QAM	1	8	13.65	13.60	13.32		
3	256QAM	1	14	13.46	13.38	13.49		
3	256QAM	8	0	13.66	13.76	13.53	15.5	0
3	256QAM	8	4	13.65	13.62	13.55		
3	256QAM	8	7	13.71	13.60	13.39		
3	256QAM	15	0	13.67	13.76	13.33		
Channel				26047	26340	26683	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1914.3	(dBm)	(dB)
1.4	QPSK	1	0	13.76	13.84	13.83	15.5	0
1.4	QPSK	1	3	13.63	13.62	13.49		
1.4	QPSK	1	5	13.53	13.61	13.53		
1.4	QPSK	3	0	13.67	13.79	13.59		
1.4	QPSK	3	1	13.64	13.80	13.60		
1.4	QPSK	3	3	13.71	13.79	13.53		
1.4	QPSK	6	0	13.59	13.75	13.46	15.5	0
1.4	16QAM	1	0	13.89	13.76	13.63	15.5	0
1.4	16QAM	1	3	13.56	13.59	13.28		
1.4	16QAM	1	5	13.50	13.41	13.61		
1.4	16QAM	3	0	13.69	13.81	13.60		
1.4	16QAM	3	1	13.62	13.77	13.60		
1.4	16QAM	3	3	13.65	13.64	13.55		
1.4	16QAM	6	0	13.47	13.73	13.33	15.5	0
1.4	64QAM	1	0	13.71	13.83	13.67	15.5	0
1.4	64QAM	1	3	13.69	13.63	13.31		
1.4	64QAM	1	5	13.48	13.42	13.52		
1.4	64QAM	3	0	13.69	13.69	13.55		
1.4	64QAM	3	1	13.58	13.72	13.45		
1.4	64QAM	3	3	13.76	13.56	13.35		
1.4	64QAM	6	0	13.59	13.73	13.42	15.5	0
1.4	256QAM	1	0	13.77	13.75	13.71	15.5	0
1.4	256QAM	1	3	13.63	13.61	13.32		
1.4	256QAM	1	5	13.43	13.43	13.54		
1.4	256QAM	3	0	13.63	13.78	13.52		
1.4	256QAM	3	1	13.59	13.61	13.50		
1.4	256QAM	3	3	13.61	13.65	13.43		
1.4	256QAM	6	0	13.69	13.69	13.42	15.5	0

Band 26_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.04	23.13	23.01	24	0
15	QPSK	1	37	22.97	23.06	22.95		
15	QPSK	1	74	22.93	23.02	22.87		
15	QPSK	36	0	22.12	22.19	22.07	23	1
15	QPSK	36	20	22.05	22.15	22.04		
15	QPSK	36	39	22.02	22.08	22.05		
15	QPSK	75	0	22.07	22.24	22.08		
15	16QAM	1	0	22.42	22.39	22.36	23	1
15	16QAM	1	37	22.31	22.43	22.26		
15	16QAM	1	74	22.33	22.43	22.23		
15	16QAM	36	0	21.05	21.21	21.07	22	2
15	16QAM	36	20	21.09	21.20	21.12		
15	16QAM	36	39	21.11	21.25	21.12		
15	16QAM	75	0	21.18	21.23	21.06		
15	64QAM	1	0	21.25	21.23	21.21	22	2
15	64QAM	1	37	21.24	21.35	21.21		
15	64QAM	1	74	21.21	21.22	21.05		
15	64QAM	36	0	20.07	20.27	20.11	21	3
15	64QAM	36	20	20.14	20.23	20.16		
15	64QAM	36	39	20.14	20.28	20.14		
15	64QAM	75	0	20.15	20.20	20.08		
15	256QAM	1	0	17.86	18.13	17.93	19	5
15	256QAM	1	37	17.92	18.13	18.07		
15	256QAM	1	74	18.09	18.19	18.04		
15	256QAM	36	0	17.98	18.18	17.90	19	5
15	256QAM	36	20	18.00	18.09	18.03		
15	256QAM	36	39	18.00	18.16	17.97		
15	256QAM	75	0	18.09	18.05	17.92		
Channel				26740	26865	26990	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	0	22.90	23.06	22.90	24	0
10	QPSK	1	25	22.96	23.02	22.87		
10	QPSK	1	49	22.82	22.94	22.77		
10	QPSK	25	0	21.94	22.07	22.04	23	1
10	QPSK	25	12	21.96	22.13	21.98		
10	QPSK	25	25	21.96	22.07	22.00		
10	QPSK	50	0	22.02	22.23	22.01		
10	16QAM	1	0	22.41	22.29	22.25	23	1
10	16QAM	1	25	22.21	22.36	22.16		
10	16QAM	1	49	22.23	22.39	22.15		
10	16QAM	25	0	20.95	21.16	20.96	22	2
10	16QAM	25	12	21.05	21.17	21.00		
10	16QAM	25	25	21.08	21.20	21.09		
10	16QAM	50	0	21.11	21.13	20.97		
10	64QAM	1	0	21.18	21.22	21.20	22	2
10	64QAM	1	25	21.14	21.34	21.20		
10	64QAM	1	49	21.16	21.16	21.03		
10	64QAM	25	0	19.98	20.25	20.04	21	3
10	64QAM	25	12	20.03	20.16	20.15		
10	64QAM	25	25	20.08	20.19	20.13		
10	64QAM	50	0	20.13	20.15	20.07		
10	256QAM	1	0	17.86	18.22	18.00	19	5
10	256QAM	1	25	18.01	18.11	18.05		
10	256QAM	1	49	17.99	18.19	17.96		
10	256QAM	25	0	17.88	18.20	18.00	19	5
10	256QAM	25	12	18.01	18.12	17.94		
10	256QAM	25	25	17.98	18.14	18.00		
10	256QAM	50	0	18.09	18.05	17.95		
Channel				26715	26865	27015	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	0	22.72	22.92	22.66	24	0
5	QPSK	1	12	22.65	22.85	22.67		
5	QPSK	1	24	22.69	22.71	22.61		
5	QPSK	12	0	21.74	21.97	21.77	23	1
5	QPSK	12	7	21.81	21.85	21.74		
5	QPSK	12	13	21.75	21.85	21.82		
5	QPSK	25	0	21.75	21.96	21.78		
5	16QAM	1	0	22.11	22.08	22.12	23	1
5	16QAM	1	12	22.03	22.18	21.94		
5	16QAM	1	24	22.09	22.19	22.00		
5	16QAM	12	0	20.83	20.99	20.80	22	2
5	16QAM	12	7	20.77	20.93	20.82		
5	16QAM	12	13	20.85	21.04	20.90		
5	16QAM	25	0	20.93	20.99	20.75		
5	64QAM	1	0	20.98	20.93	20.95	22	2
5	64QAM	1	12	21.02	21.06	20.97		
5	64QAM	1	24	20.98	20.95	20.73		
5	64QAM	12	0	19.86	19.98	19.81	21	3
5	64QAM	12	7	19.86	19.92	19.87		
5	64QAM	12	13	19.83	20.00	19.88		
5	64QAM	25	0	19.89	19.94	19.79		
5	256QAM	1	0	17.68	17.95	17.71	19	5
5	256QAM	1	12	17.75	17.88	17.86		
5	256QAM	1	24	17.90	17.91	17.85		
5	256QAM	12	0	17.77	17.95	17.75	19	5
5	256QAM	12	7	17.77	17.91	17.72		
5	256QAM	12	13	17.82	18.04	17.78		
5	256QAM	25	0	17.82	17.91	17.75		
Channel				26705	26865	27025	Tune-up limit	MPR
Frequency (MHz)				815.5	831.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.67	22.84	22.75	24	0
3	QPSK	1	8	22.76	22.75	22.74		
3	QPSK	1	14	22.66	22.79	22.61		
3	QPSK	8	0	21.76	21.89	21.85	23	1
3	QPSK	8	4	21.83	21.84	21.81		
3	QPSK	8	7	21.79	21.77	21.79		
3	QPSK	15	0	21.83	22.03	21.83		
3	16QAM	1	0	22.14	22.13	22.07	23	1
3	16QAM	1	8	22.00	22.22	21.99		
3	16QAM	1	14	22.03	22.16	21.98		
3	16QAM	8	0	20.79	20.90	20.81	22	2
3	16QAM	8	4	20.80	20.89	20.82		
3	16QAM	8	7	20.84	20.96	20.89		
3	16QAM	15	0	20.90	20.92	20.75		
3	64QAM	1	0	21.00	20.96	21.00	22	2
3	64QAM	1	8	21.03	21.05	20.99		
3	64QAM	1	14	20.98	21.01	20.82		
3	64QAM	8	0	19.77	20.03	19.87	21	3
3	64QAM	8	4	19.88	19.97	19.87		
3	64QAM	8	7	19.92	20.02	19.83		
3	64QAM	15	0	19.91	19.92	19.77		
3	256QAM	1	0	17.68	17.99	17.81	19	5
3	256QAM	1	8	17.82	17.87	17.92		
3	256QAM	1	14	17.80	18.01	17.84		
3	256QAM	8	0	17.73	18.01	17.73	19	5
3	256QAM	8	4	17.79	17.84	17.81		
3	256QAM	8	7	17.83	17.97	17.77		
3	256QAM	15	0	17.85	17.95	17.80		
Channel				26697	26865	27033	Tune-up limit	MPR
Frequency (MHz)				814.7	831.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.73	22.87	22.74	24	0
1.4	QPSK	1	3	22.76	22.85	22.67		
1.4	QPSK	1	5	22.64	22.78	22.60		
1.4	QPSK	3	0	22.63	22.85	22.69		
1.4	QPSK	3	1	22.65	22.75	22.65		
1.4	QPSK	3	3	22.61	22.77	22.55		
1.4	QPSK	6	0	21.82	21.95	21.76	23	1
1.4	16QAM	1	0	22.19	22.14	22.09	23	1
1.4	16QAM	1	3	22.09	22.18	21.95		
1.4	16QAM	1	5	22.11	22.13	21.97		
1.4	16QAM	3	0	22.17	22.04	21.97		
1.4	16QAM	3	1	22.07	22.12	21.91		
1.4	16QAM	3	3	21.99	22.10	21.96		
1.4	16QAM	6	0	20.96	20.99	20.77	22	2
1.4	64QAM	1	0	21.00	20.97	20.94	22	2
1.4	64QAM	1	3	21.02	21.06	20.95		
1.4	64QAM	1	5	20.93	20.98	20.75		
1.4	64QAM	3	0	20.90	20.94	20.87		
1.4	64QAM	3	1	20.95	21.03	20.92		
1.4	64QAM	3	3	20.81	20.88	20.69		
1.4	64QAM	6	0	19.85	19.97	19.86	21	3
1.4	256QAM	1	0	17.66	17.97	17.78	19	5
1.4	256QAM	1	3	17.75	17.87	17.86		
1.4	256QAM	1	5	17.84	18.01	17.77		
1.4	256QAM	3	0	17.76	18.03	17.69		
1.4	256QAM	3	1	17.76	17.92	17.73		
1.4	256QAM	3	3	17.82	18.01	17.83		
1.4	256QAM	6	0	17.90	17.96	17.77	19	5

Band 26_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.23	20.33	20.26	21.5	0
15	QPSK	1	37	20.19	20.24	20.05		
15	QPSK	1	74	20.11	20.15	20.08		
15	QPSK	36	0	20.28	20.31	20.30	21.5	0
15	QPSK	36	20	20.27	20.28	20.25		
15	QPSK	36	39	20.24	20.27	20.28		
15	QPSK	75	0	20.21	20.29	20.25		
15	16QAM	1	0	20.15	20.30	20.22	21.5	0
15	16QAM	1	37	20.12	20.22	19.97		
15	16QAM	1	74	20.07	20.21	20.04		
15	16QAM	36	0	20.22	20.23	20.20	21.5	0
15	16QAM	36	20	20.21	20.24	20.17		
15	16QAM	36	39	20.20	20.24	20.22		
15	16QAM	75	0	20.21	20.20	20.21		
15	64QAM	1	0	20.15	20.28	20.19	21.5	0
15	64QAM	1	37	20.17	20.24	19.98		
15	64QAM	1	74	20.07	20.21	20.04		
15	64QAM	36	0	20.23	20.26	20.19	21	0.5
15	64QAM	36	20	20.20	20.23	20.18		
15	64QAM	36	39	20.17	20.22	20.21		
15	64QAM	75	0	20.17	20.27	20.22		
15	256QAM	1	0	17.57	17.57	17.60	19	2.5
15	256QAM	1	37	17.49	17.57	17.60		
15	256QAM	1	74	17.65	17.60	17.52		
15	256QAM	36	0	17.64	17.59	17.56	19	2.5
15	256QAM	36	20	17.49	17.57	17.50		
15	256QAM	36	39	17.68	17.61	17.53		
15	256QAM	75	0	17.68	17.57	17.45		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.24	20.47	20.66	21.5	0
10	QPSK	1	25	20.30	20.30	20.27		
10	QPSK	1	49	20.36	20.28	20.20		
10	QPSK	25	0	20.42	20.38	20.37	21.5	0
10	QPSK	25	12	20.50	20.47	20.46		
10	QPSK	25	25	20.42	20.47	20.37		
10	QPSK	50	0	20.47	20.52	20.44		
10	16QAM	1	0	20.67	20.86	20.48	21.5	0
10	16QAM	1	25	20.61	20.63	20.99		
10	16QAM	1	49	20.46	20.43	20.91		
10	16QAM	25	0	20.49	20.54	20.34	21.5	0
10	16QAM	25	12	20.51	20.50	20.35		
10	16QAM	25	25	20.34	20.41	20.48		
10	16QAM	50	0	20.47	20.46	20.49		
10	64QAM	1	0	20.73	20.51	20.62	21.5	0
10	64QAM	1	25	20.48	20.74	20.74		
10	64QAM	1	49	20.70	20.58	20.55		
10	64QAM	25	0	19.72	19.83	19.74	21	0.5
10	64QAM	25	12	19.80	19.75	19.74		
10	64QAM	25	25	19.81	19.82	19.84		
10	64QAM	50	0	19.81	19.81	19.65		
10	256QAM	1	0	17.57	17.57	17.60	19	2.5
10	256QAM	1	25	17.49	17.57	17.60		
10	256QAM	1	49	17.65	17.60	17.52		
10	256QAM	25	0	17.64	17.59	17.56	19	2.5
10	256QAM	25	12	17.49	17.57	17.50		
10	256QAM	25	25	17.68	17.61	17.53		
10	256QAM	50	0	17.68	17.57	17.45		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.53	20.34	20.21	21.5	0
5	QPSK	1	12	20.40	20.65	20.62		
5	QPSK	1	24	20.26	20.23	20.15		
5	QPSK	12	0	20.40	20.27	20.36	21.5	0
5	QPSK	12	7	20.41	20.46	20.31		
5	QPSK	12	13	20.43	20.35	20.29		
5	QPSK	25	0	20.40	20.40	20.30		
5	16QAM	1	0	20.74	20.63	20.63	21.5	0
5	16QAM	1	12	20.50	20.27	20.12		
5	16QAM	1	24	20.77	20.21	20.29		
5	16QAM	12	0	20.48	20.48	20.49	21.5	0
5	16QAM	12	7	20.46	20.55	20.37		
5	16QAM	12	13	20.50	20.47	20.38		
5	16QAM	25	0	20.36	20.43	20.43		
5	64QAM	1	0	20.70	20.68	20.50	21.5	0
5	64QAM	1	12	20.38	20.65	20.59		
5	64QAM	1	24	20.67	20.73	20.60		
5	64QAM	12	0	19.61	19.60	19.69	21	0.5
5	64QAM	12	7	19.85	19.67	19.65		
5	64QAM	12	13	19.74	19.82	19.65		
5	64QAM	25	0	19.78	19.77	19.76		
5	256QAM	1	0	17.57	17.57	17.60	19	2.5
5	256QAM	1	12	17.49	17.57	17.60		
5	256QAM	1	24	17.65	17.60	17.52		
5	256QAM	12	0	17.64	17.59	17.56	19	2.5
5	256QAM	12	7	17.49	17.57	17.50		
5	256QAM	12	13	17.68	17.61	17.53		
5	256QAM	25	0	17.68	17.57	17.45		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.27	20.29	20.30	21.5	0
3	QPSK	1	8	20.41	20.31	20.17		
3	QPSK	1	14	20.29	20.19	20.24		
3	QPSK	8	0	20.27	20.30	20.35	21.5	0
3	QPSK	8	4	20.46	20.45	20.39		
3	QPSK	8	7	20.46	20.32	20.28		
3	QPSK	15	0	20.42	20.40	20.24		
3	16QAM	1	0	20.95	20.35	20.39	21.5	0
3	16QAM	1	8	20.43	20.94	20.32		
3	16QAM	1	14	20.26	20.56	20.60		
3	16QAM	8	0	20.38	20.49	20.07	21.5	0
3	16QAM	8	4	20.49	20.48	20.24		
3	16QAM	8	7	20.52	20.51	20.48		
3	16QAM	15	0	20.51	20.36	20.42		
3	64QAM	1	0	20.75	20.17	20.58	21.5	0
3	64QAM	1	8	20.63	20.82	20.37		
3	64QAM	1	14	20.65	20.54	20.56		
3	64QAM	8	0	19.73	19.78	19.59	21	0.5
3	64QAM	8	4	19.76	19.63	19.55		
3	64QAM	8	7	19.62	19.65	19.78		
3	64QAM	15	0	19.78	19.74	19.78		
3	256QAM	1	0	17.57	17.57	17.60	19	2.5
3	256QAM	1	8	17.49	17.57	17.60		
3	256QAM	1	14	17.65	17.60	17.52		
3	256QAM	8	0	17.64	17.59	17.56	19	2.5
3	256QAM	8	4	17.49	17.57	17.50		
3	256QAM	8	7	17.68	17.61	17.53		
3	256QAM	15	0	17.68	17.57	17.45		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.36	20.21	20.24	21.5	0
1.4	QPSK	1	3	20.34	20.27	20.43		
1.4	QPSK	1	5	20.31	20.26	20.14		
1.4	QPSK	3	0	20.25	20.16	20.17		
1.4	QPSK	3	1	20.33	20.27	20.18		
1.4	QPSK	3	3	20.44	20.39	20.28		
1.4	QPSK	6	0	20.44	20.33	20.31	21.5	0
1.4	16QAM	1	0	20.56	20.39	20.43	21.5	0
1.4	16QAM	1	3	20.80	20.57	20.56		
1.4	16QAM	1	5	20.86	20.57	20.54		
1.4	16QAM	3	0	20.56	20.41	20.32		
1.4	16QAM	3	1	20.51	20.35	20.57		
1.4	16QAM	3	3	20.50	20.18	20.33		
1.4	16QAM	6	0	20.49	20.39	20.53	21.5	0
1.4	64QAM	1	0	20.26	20.38	20.65	21.5	0
1.4	64QAM	1	3	20.98	20.78	20.41		
1.4	64QAM	1	5	20.52	20.56	20.63		
1.4	64QAM	3	0	20.64	20.46	20.49		
1.4	64QAM	3	1	20.59	20.41	20.18		
1.4	64QAM	3	3	20.21	20.60	20.09		
1.4	64QAM	6	0	19.52	19.73	19.47	21	0.5
1.4	256QAM	1	0	17.57	17.57	17.60	19	2.5
1.4	256QAM	1	3	17.49	17.57	17.60		
1.4	256QAM	1	5	17.65	17.60	17.52		
1.4	256QAM	3	0	17.64	17.59	17.56		
1.4	256QAM	3	1	17.49	17.57	17.50		
1.4	256QAM	3	3	17.68	17.61	17.53		
1.4	256QAM	6	0	17.68	17.57	17.45	19	2.5

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.41		24	0
10	QPSK	1	25		23.38			
10	QPSK	1	49		23.31			
10	QPSK	25	0		22.53		23	1
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.40			
10	QPSK	50	0		22.41			
10	16QAM	1	0		22.69		23	1
10	16QAM	1	25		22.76			
10	16QAM	1	49		22.71			
10	16QAM	25	0		21.40		22	2
10	16QAM	25	12		21.56			
10	16QAM	25	25		21.42			
10	16QAM	50	0		21.42			
10	64QAM	1	0		21.66		22	2
10	64QAM	1	25		21.58			
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.44		21	3
10	64QAM	25	12		20.56			
10	64QAM	25	25		20.47			
10	64QAM	50	0		20.41			
10	256QAM	1	0		18.28		19	5
10	256QAM	1	25		18.47			
10	256QAM	1	49		18.26			
10	256QAM	25	0		18.26		19	5
10	256QAM	25	12		18.36			
10	256QAM	25	25		18.41			
10	256QAM	50	0		18.25			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.34	23.40	23.40	24	0
5	QPSK	1	12	23.39	23.32	23.40		
5	QPSK	1	24	23.36	23.34	23.29		
5	QPSK	12	0	22.27	22.41	22.44	23	1
5	QPSK	12	7	22.44	22.46	22.43		
5	QPSK	12	13	22.39	22.34	22.33		
5	QPSK	25	0	22.36	22.42	22.42		
5	16QAM	1	0	22.79	22.66	22.72	23	1
5	16QAM	1	12	22.76	22.80	22.78		
5	16QAM	1	24	22.66	22.71	22.69		
5	16QAM	12	0	21.34	21.48	21.46	22	2
5	16QAM	12	7	21.46	21.49	21.49		
5	16QAM	12	13	21.41	21.39	21.34		
5	16QAM	25	0	21.42	21.47	21.46		
5	64QAM	1	0	21.49	21.56	21.60	22	2
5	64QAM	1	12	21.47	21.59	21.51		
5	64QAM	1	24	21.51	21.49	21.54		
5	64QAM	12	0	20.35	20.49	20.44	21	3
5	64QAM	12	7	20.47	20.54	20.53		
5	64QAM	12	13	20.47	20.42	20.36		
5	64QAM	25	0	20.41	20.47	20.41		
5	256QAM	1	0	18.33	18.31	18.28	19	5
5	256QAM	1	12	18.46	18.38	18.46		
5	256QAM	1	24	18.33	18.35	18.38		
5	256QAM	12	0	18.26	18.21	18.38	19	5
5	256QAM	12	7	18.49	18.34	18.44		
5	256QAM	12	13	18.35	18.43	18.42		
5	256QAM	25	0	18.29	18.33	18.29		

Band 30_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		13.95		14.5	0
10	QPSK	1	25		13.80			
10	QPSK	1	49		13.77			
10	QPSK	25	0		13.83		14.5	0
10	QPSK	25	12		13.77			
10	QPSK	25	25		13.76			
10	QPSK	50	0		13.60			
10	16QAM	1	0		13.77		14.5	0
10	16QAM	1	25		13.79			
10	16QAM	1	49		13.73			
10	16QAM	25	0		13.65		14.5	0
10	16QAM	25	12		13.74			
10	16QAM	25	25		13.83			
10	16QAM	50	0		13.78			
10	64QAM	1	0		13.65		14.5	0
10	64QAM	1	25		13.73			
10	64QAM	1	49		13.86			
10	64QAM	25	0		13.70		14.5	0
10	64QAM	25	12		13.69			
10	64QAM	25	25		13.77			
10	64QAM	50	0		13.89			
10	256QAM	1	0		13.65		14.5	0
10	256QAM	1	25		13.70			
10	256QAM	1	49		13.72			
10	256QAM	25	0		13.88		14.5	0
10	256QAM	25	12		13.75			
10	256QAM	25	25		13.70			
10	256QAM	50	0		13.69			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	13.84	13.91	13.92	14.5	0
5	QPSK	1	12	13.70	13.78	13.77		
5	QPSK	1	24	13.60	13.73	13.72		
5	QPSK	12	0	13.76	13.77	13.65	14.5	0
5	QPSK	12	7	13.76	13.67	13.65		
5	QPSK	12	13	13.75	13.75	13.75		
5	QPSK	25	0	13.44	13.53	13.46		
5	16QAM	1	0	13.63	13.60	13.72	14.5	0
5	16QAM	1	12	13.78	13.64	13.78		
5	16QAM	1	24	13.71	13.57	13.65		
5	16QAM	12	0	13.49	13.61	13.58	14.5	0
5	16QAM	12	7	13.64	13.64	13.59		
5	16QAM	12	13	13.72	13.74	13.66		
5	16QAM	25	0	13.77	13.77	13.61		
5	64QAM	1	0	13.56	13.60	13.50	14.5	0
5	64QAM	1	12	13.63	13.68	13.67		
5	64QAM	1	24	13.73	13.74	13.81		
5	64QAM	12	0	13.57	13.58	13.53	14.5	0
5	64QAM	12	7	13.60	13.54	13.68		
5	64QAM	12	13	13.59	13.72	13.72		
5	64QAM	25	0	13.86	13.83	13.81		
5	256QAM	1	0	13.47	13.49	13.50	14.5	0
5	256QAM	1	12	13.53	13.66	13.56		
5	256QAM	1	24	13.67	13.55	13.59		
5	256QAM	12	0	13.75	13.78	13.78	14.5	0
5	256QAM	12	7	13.72	13.64	13.65		
5	256QAM	12	13	13.62	13.59	13.55		
5	256QAM	25	0	13.65	13.68	13.64		

Band 66_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.14	23.38	23.26	24	0
20	QPSK	1	49	23.12	23.21	23.20		
20	QPSK	1	99	23.06	23.12	23.02		
20	QPSK	50	0	22.29	22.33	22.30	23	1
20	QPSK	50	24	22.28	22.29	22.26		
20	QPSK	50	50	22.24	22.28	22.24		
20	QPSK	100	0	22.22	22.27	22.23		
20	16QAM	1	0	22.42	22.70	22.57	23	1
20	16QAM	1	49	22.41	22.52	22.47		
20	16QAM	1	99	22.38	22.50	22.40		
20	16QAM	50	0	21.19	21.36	21.31	22	2
20	16QAM	50	24	21.25	21.32	21.27		
20	16QAM	50	50	21.21	21.27	21.25		
20	16QAM	100	0	21.25	21.29	21.28		
20	64QAM	1	0	21.27	21.53	21.43	22	2
20	64QAM	1	49	21.36	21.46	21.47		
20	64QAM	1	99	21.24	21.36	21.30		
20	64QAM	50	0	20.22	20.32	20.37	21	3
20	64QAM	50	24	20.30	20.35	20.32		
20	64QAM	50	50	20.21	20.31	20.31		
20	64QAM	100	0	20.26	20.28	20.26		
20	256QAM	1	0	17.99	18.17	18.28	19	5
20	256QAM	1	49	18.17	18.30	18.24		
20	256QAM	1	99	18.08	18.07	18.16		
20	256QAM	50	0	18.14	18.20	18.33	19	5
20	256QAM	50	24	18.23	18.20	18.28		
20	256QAM	50	50	17.99	18.18	18.17		
20	256QAM	100	0	18.20	18.11	18.13		
Channel				132047	132322	132597	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	0	23.04	23.24	23.21	24	0
15	QPSK	1	37	23.09	23.19	23.16		
15	QPSK	1	74	23.01	23.09	23.05		
15	QPSK	36	0	22.14	22.31	22.30	23	1
15	QPSK	36	20	22.21	22.29	22.33		
15	QPSK	36	39	22.16	22.28	22.24		
15	QPSK	75	0	22.19	22.27	22.29		
15	16QAM	1	0	22.43	22.59	22.55	23	1
15	16QAM	1	37	22.38	22.52	22.43		
15	16QAM	1	74	22.41	22.45	22.42		
15	16QAM	36	0	21.14	21.29	21.25	22	2
15	16QAM	36	20	21.27	21.31	21.33		
15	16QAM	36	39	21.21	21.26	21.23		
15	16QAM	75	0	21.24	21.29	21.33		
15	64QAM	1	0	21.32	21.48	21.44	22	2
15	64QAM	1	37	21.29	21.30	21.40		
15	64QAM	1	74	21.29	21.31	21.26		
15	64QAM	36	0	20.15	20.40	20.34	21	3
15	64QAM	36	20	20.26	20.32	20.37		
15	64QAM	36	39	20.22	20.34	20.29		
15	64QAM	75	0	20.24	20.29	20.31		
15	256QAM	1	0	18.09	18.18	18.25	19	5
15	256QAM	1	37	18.17	18.33	18.17		
15	256QAM	1	74	18.08	18.09	18.26		
15	256QAM	36	0	18.10	18.13	18.28	19	5
15	256QAM	36	20	18.14	18.20	18.21		
15	256QAM	36	39	18.01	18.10	18.23		
15	256QAM	75	0	18.13	18.20	18.04		
Channel				132022	132322	132622	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	0	23.15	23.31	23.24	24	0
10	QPSK	1	25	23.13	23.26	23.22		
10	QPSK	1	49	23.08	23.23	23.15		
10	QPSK	25	0	22.30	22.41	22.34	23	1
10	QPSK	25	12	22.33	22.42	22.33		
10	QPSK	25	25	22.30	22.46	22.38		
10	QPSK	50	0	22.30	22.40	22.33		
10	16QAM	1	0	22.59	22.72	22.66	23	1
10	16QAM	1	25	22.54	22.74	22.65		
10	16QAM	1	49	22.55	22.66	22.60		
10	16QAM	25	0	21.34	21.41	21.37	22	2
10	16QAM	25	12	21.35	21.47	21.39		
10	16QAM	25	25	21.33	21.47	21.37		
10	16QAM	50	0	21.35	21.41	21.32		
10	64QAM	1	0	21.43	21.51	21.41	22	2
10	64QAM	1	25	21.30	21.45	21.41		
10	64QAM	1	49	21.40	21.47	21.38		
10	64QAM	25	0	20.39	20.46	20.38	21	3
10	64QAM	25	12	20.38	20.47	20.39		
10	64QAM	25	25	20.36	20.49	20.39		
10	64QAM	50	0	20.39	20.43	20.36		
10	256QAM	1	0	18.10	18.18	18.29	19	5
10	256QAM	1	25	18.12	18.24	18.24		
10	256QAM	1	49	18.09	18.09	18.17		
10	256QAM	25	0	18.15	18.14	18.24	19	5
10	256QAM	25	12	18.23	18.28	18.23		
10	256QAM	25	25	18.00	18.10	18.19		
10	256QAM	50	0	18.12	18.16	18.06		
Channel				131997	132322	132647	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	0	23.17	23.30	23.22	24	0
5	QPSK	1	12	23.14	23.32	23.26		
5	QPSK	1	24	23.12	23.27	23.21		
5	QPSK	12	0	22.25	22.33	22.36	23	1
5	QPSK	12	7	22.26	22.36	22.34		
5	QPSK	12	13	22.23	22.39	22.30		
5	QPSK	25	0	22.27	22.34	22.33		
5	16QAM	1	0	22.62	22.80	22.80	23	1
5	16QAM	1	12	22.67	22.76	22.64		
5	16QAM	1	24	22.55	22.72	22.63		
5	16QAM	12	0	21.30	21.39	21.37	22	2
5	16QAM	12	7	21.30	21.46	21.36		
5	16QAM	12	13	21.32	21.46	21.36		
5	16QAM	25	0	21.29	21.34	21.36		
5	64QAM	1	0	21.39	21.52	21.45	22	2
5	64QAM	1	12	21.37	21.50	21.47		
5	64QAM	1	24	21.38	21.49	21.43		
5	64QAM	12	0	20.31	20.38	20.38	21	3
5	64QAM	12	7	20.37	20.41	20.39		
5	64QAM	12	13	20.32	20.44	20.36		
5	64QAM	25	0	20.28	20.34	20.34		
5	256QAM	1	0	18.08	18.19	18.24	19	5
5	256QAM	1	12	18.12	18.31	18.18		
5	256QAM	1	24	18.07	18.15	18.24		
5	256QAM	12	0	18.09	18.11	18.26	19	5
5	256QAM	12	7	18.17	18.28	18.25		
5	256QAM	12	13	18.02	18.10	18.13		
5	256QAM	25	0	18.14	18.18	18.04		
Channel				131987	132322	132657	Tune-up limit	MPR
Frequency (MHz)				1711.5	1745	1778.5	(dBm)	(dB)
3	QPSK	1	0	23.15	23.26	23.24	24	0
3	QPSK	1	8	23.18	23.31	23.29		
3	QPSK	1	14	23.11	23.25	23.22		
3	QPSK	8	0	22.26	22.33	22.30	23	1
3	QPSK	8	4	22.25	22.43	22.33		
3	QPSK	8	7	22.23	22.38	22.31		
3	QPSK	15	0	22.23	22.33	22.31		
3	16QAM	1	0	22.55	22.75	22.53	23	1
3	16QAM	1	8	22.65	22.79	22.78		
3	16QAM	1	14	22.56	22.63	22.65		
3	16QAM	8	0	21.29	21.40	21.36	22	2
3	16QAM	8	4	21.36	21.49	21.41		
3	16QAM	8	7	21.29	21.41	21.35		
3	16QAM	15	0	21.27	21.33	21.33		
3	64QAM	1	0	21.36	21.47	21.52	22	2
3	64QAM	1	8	21.42	21.57	21.43		
3	64QAM	1	14	21.43	21.59	21.40		
3	64QAM	8	0	20.32	20.33	20.41	21	3
3	64QAM	8	4	20.37	20.54	20.39		
3	64QAM	8	7	20.32	20.49	20.41		
3	64QAM	15	0	20.35	20.42	20.39		
3	256QAM	1	0	18.08	18.14	18.33	19	5
3	256QAM	1	8	18.11	18.25	18.24		
3	256QAM	1	14	18.08	18.09	18.19		
3	256QAM	8	0	18.09	18.22	18.27	19	5
3	256QAM	8	4	18.20	18.18	18.21		
3	256QAM	8	7	18.01	18.07	18.17		
3	256QAM	15	0	18.13	18.19	18.11		
Channel				131979	132322	132665	Tune-up limit	MPR
Frequency (MHz)				1710.7	1745	1779.3	(dBm)	(dB)
1.4	QPSK	1	0	23.12	23.14	23.16	24	0
1.4	QPSK	1	3	23.12	23.24	23.19		
1.4	QPSK	1	5	23.09	23.19	23.19		
1.4	QPSK	3	0	23.06	23.11	23.11		
1.4	QPSK	3	1	23.07	23.23	23.16		
1.4	QPSK	3	3	22.99	23.14	23.11		
1.4	QPSK	6	0	22.21	22.23	22.26	23	1
1.4	16QAM	1	0	22.48	22.74	22.49	23	1
1.4	16QAM	1	3	22.55	22.74	22.68		
1.4	16QAM	1	5	22.49	22.53	22.61		
1.4	16QAM	3	0	22.41	22.64	22.44		
1.4	16QAM	3	1	22.45	22.63	22.64		
1.4	16QAM	3	3	22.45	22.49	22.60		
1.4	16QAM	6	0	21.16	21.26	21.22	22	2
1.4	64QAM	1	0	21.25	21.43	21.51	22	2
1.4	64QAM	1	3	21.32	21.55	21.35		
1.4	64QAM	1	5	21.42	21.53	21.38		
1.4	64QAM	3	0	21.22	21.41	21.44		
1.4	64QAM	3	1	21.24	21.51	21.28		
1.4	64QAM	3	3	21.30	21.41	21.33		
1.4	64QAM	6	0	20.31	20.35	20.28	21	3
1.4	256QAM	1	0	18.02	18.07	18.28	19	5
1.4	256QAM	1	3	18.00	18.17	18.19		
1.4	256QAM	1	5	17.96	17.97	18.08		
1.4	256QAM	3	0	17.97	18.12	18.22		
1.4	256QAM	3	1	18.17	18.13	18.14		
1.4	256QAM	3	3	17.92	18.00	18.13		
1.4	256QAM	6	0	18.01	18.18	18.01	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.33	18.39	18.17	19	0
20	QPSK	1	49	18.18	18.23	18.05		
20	QPSK	1	99	18.02	18.24	18.00		
20	QPSK	50	0	18.18	18.30	18.28	19	0
20	QPSK	50	24	18.10	18.22	18.16		
20	QPSK	50	50	18.03	18.07	18.12		
20	QPSK	100	0	18.05	18.24	18.23		
20	16QAM	1	0	18.24	18.28	18.11	19	0
20	16QAM	1	49	18.06	18.26	18.01		
20	16QAM	1	99	17.97	18.17	17.89		
20	16QAM	50	0	18.11	18.17	18.29	19	0
20	16QAM	50	24	18.04	18.24	18.11		
20	16QAM	50	50	18.00	18.03	18.00		
20	16QAM	100	0	18.07	18.26	18.21		
20	64QAM	1	0	18.23	18.36	18.11	19	0
20	64QAM	1	49	18.17	18.26	18.00		
20	64QAM	1	99	17.98	18.21	17.90		
20	64QAM	50	0	18.15	18.23	18.21	19	0
20	64QAM	50	24	18.05	18.16	18.12		
20	64QAM	50	50	18.00	18.13	18.02		
20	64QAM	100	0	18.04	18.26	18.16		
20	256QAM	1	0	18.24	18.21	18.11	19	0
20	256QAM	1	49	18.03	18.24	17.94		
20	256QAM	1	99	17.90	18.17	17.83		
20	256QAM	50	0	18.04	18.08	18.20	19	0
20	256QAM	50	24	17.97	18.19	18.10		
20	256QAM	50	50	17.91	18.01	17.97		
20	256QAM	100	0	18.05	18.17	18.11		
Channel				132047	132322	132597	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	0	18.24	18.37	18.13	19	0
15	QPSK	1	37	18.13	18.16	17.98		
15	QPSK	1	74	17.95	18.18	17.92		
15	QPSK	36	0	18.13	18.26	18.22	19	0
15	QPSK	36	20	17.98	18.13	18.10		
15	QPSK	36	39	17.99	17.97	18.12		
15	QPSK	75	0	18.02	18.16	18.22		
15	16QAM	1	0	18.21	18.25	18.03	19	0
15	16QAM	1	37	18.00	18.19	18.01		
15	16QAM	1	74	17.87	18.11	17.83		
15	16QAM	36	0	18.06	18.17	18.23	19	0
15	16QAM	36	20	18.00	18.17	18.08		
15	16QAM	36	39	17.97	17.99	17.97		
15	16QAM	75	0	18.02	18.22	18.14		
15	64QAM	1	0	18.14	18.31	18.03	19	0
15	64QAM	1	37	18.08	18.18	17.94		
15	64QAM	1	74	17.93	18.17	17.85		
15	64QAM	36	0	18.09	18.19	18.13	19	0
15	64QAM	36	20	18.00	18.10	18.05		
15	64QAM	36	39	17.95	18.09	18.01		
15	64QAM	75	0	18.01	18.21	18.07		
15	256QAM	1	0	18.15	18.12	18.12	19	0
15	256QAM	1	37	18.00	18.20	17.84		
15	256QAM	1	74	17.79	18.06	17.79		
15	256QAM	36	0	17.95	18.02	18.16	19	0
15	256QAM	36	20	17.94	18.13	18.08		
15	256QAM	36	39	17.89	17.95	17.90		
15	256QAM	75	0	17.98	18.14	18.08		
Channel				132022	132322	132622	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	0	18.30	18.32	18.11	19	0
10	QPSK	1	25	18.11	18.22	18.02		
10	QPSK	1	49	17.94	18.20	17.92		
10	QPSK	25	0	18.10	18.23	18.23	19	0
10	QPSK	25	12	18.06	18.18	18.16		
10	QPSK	25	25	17.97	17.98	18.11		
10	QPSK	50	0	18.01	18.22	18.14		
10	16QAM	1	0	18.17	18.26	18.05	19	0
10	16QAM	1	25	18.04	18.21	17.92		
10	16QAM	1	49	17.87	18.07	17.82		
10	16QAM	25	0	18.10	18.12	18.23	19	0
10	16QAM	25	12	18.01	18.16	18.06		
10	16QAM	25	25	17.99	18.02	17.94		
10	16QAM	50	0	18.02	18.22	18.19		
10	64QAM	1	0	18.18	18.31	18.02	19	0
10	64QAM	1	25	18.11	18.27	17.96		
10	64QAM	1	49	17.89	18.12	17.91		
10	64QAM	25	0	18.10	18.16	18.21	19	0
10	64QAM	25	12	17.98	18.09	18.08		
10	64QAM	25	25	17.96	18.08	17.97		
10	64QAM	50	0	18.01	18.23	18.09		
10	256QAM	1	0	18.22	18.16	18.02	19	0
10	256QAM	1	25	17.94	18.16	17.90		
10	256QAM	1	49	17.88	18.16	17.79		
10	256QAM	25	0	18.00	17.96	18.15	19	0
10	256QAM	25	12	17.91	18.15	17.99		
10	256QAM	25	25	17.85	17.97	17.92		
10	256QAM	50	0	18.06	18.15	18.03		
Channel				131997	132322	132647	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	0	18.27	18.31	18.13	19	0
5	QPSK	1	12	18.09	18.11	18.03		
5	QPSK	1	24	17.97	18.17	17.95		
5	QPSK	12	0	18.12	18.18	18.19	19	0
5	QPSK	12	7	18.02	18.19	18.06		
5	QPSK	12	13	17.99	17.99	18.06		
5	QPSK	25	0	17.99	18.13	18.22		
5	16QAM	1	0	18.17	18.20	18.06	19	0
5	16QAM	1	12	18.05	18.21	17.95		
5	16QAM	1	24	17.91	18.09	17.85		
5	16QAM	12	0	18.05	18.09	18.24	19	0
5	16QAM	12	7	17.98	18.21	18.07		
5	16QAM	12	13	17.94	18.01	17.95		
5	16QAM	25	0	18.05	18.21	18.18		
5	64QAM	1	0	18.21	18.31	18.08	19	0
5	64QAM	1	12	18.07	18.20	17.88		
5	64QAM	1	24	17.94	18.16	17.87		
5	64QAM	12	0	18.09	18.20	18.13	19	0
5	64QAM	12	7	18.00	18.16	18.04		
5	64QAM	12	13	17.96	18.11	17.94		
5	64QAM	25	0	18.00	18.17	18.06		
5	256QAM	1	0	18.17	18.12	18.06	19	0
5	256QAM	1	12	17.96	18.23	17.84		
5	256QAM	1	24	17.85	18.12	17.79		
5	256QAM	12	0	17.95	17.98	18.14	19	0
5	256QAM	12	7	17.87	18.16	18.07		
5	256QAM	12	13	17.90	17.90	17.91		
5	256QAM	25	0	18.03	18.17	18.00		
Channel				131987	132322	132657	Tune-up limit	MPR
Frequency (MHz)				1711.5	1745	1778.5	(dBm)	(dB)
3	QPSK	1	0	18.25	18.38	18.05	19	0
3	QPSK	1	8	18.10	18.17	17.98		
3	QPSK	1	14	17.95	18.13	17.94		
3	QPSK	8	0	18.10	18.24	18.25	19	0
3	QPSK	8	4	18.07	18.19	18.13		
3	QPSK	8	7	17.94	18.08	18.04		
3	QPSK	15	0	18.01	18.19	18.15		
3	16QAM	1	0	18.24	18.21	18.11	19	0
3	16QAM	-13	0	18.00	18.22	17.98		
3	16QAM	-27	0	17.90	18.11	17.89		
3	16QAM	8	0	18.02	18.12	18.23	19	0
3	16QAM	8	4	17.94	18.20	18.07		
3	16QAM	8	7	17.91	18.03	18.01		
3	16QAM	15	0	18.01	18.19	18.16		
3	64QAM	1	0	18.13	18.27	18.09	19	0
3	64QAM	1	8	18.12	18.23	17.89		
3	64QAM	1	14	17.93	18.19	17.82		
3	64QAM	8	0	18.06	18.15	18.13	19	0
3	64QAM	8	4	17.97	18.10	18.02		
3	64QAM	8	7	17.95	18.07	17.97		
3	64QAM	15	0	18.02	18.25	18.10		
3	256QAM	1	0	18.14	18.16	18.08	19	0
3	256QAM	1	8	17.95	18.18	17.87		
3	256QAM	1	14	17.86	18.09	17.73		
3	256QAM	8	0	18.01	18.06	18.16	19	0
3	256QAM	8	4	17.95	18.09	18.04		
3	256QAM	8	7	17.92	17.98	17.91		
3	256QAM	15	0	17.97	18.10	18.11		
Channel				131979	132322	132665	Tune-up limit	MPR
Frequency (MHz)				1710.7	1745	1779.3	(dBm)	(dB)
1.4	QPSK	1	0	18.34	18.38	18.10	19	0
1.4	QPSK	1	3	18.17	18.20	17.97		
1.4	QPSK	1	5	18.01	18.18	17.94		
1.4	QPSK	3	0	18.13	18.28	18.27		
1.4	QPSK	3	1	18.03	18.13	18.11		
1.4	QPSK	3	3	17.95	18.00	18.07		
1.4	QPSK	6	0	17.95	18.22	18.12	19	0
1.4	16QAM	1	0	18.25	18.24	17.99	19	0
1.4	16QAM	1	3	18.00	18.20	17.97		
1.4	16QAM	1	5	17.87	18.12	17.84		
1.4	16QAM	3	0	18.04	18.13	18.27		
1.4	16QAM	3	1	17.93	18.16	18.04		
1.4	16QAM	3	3	17.91	17.97	17.93		
1.4	16QAM	6	0	17.95	18.20	18.14	19	0
1.4	64QAM	1	0	18.17	18.32	18.03	19	0
1.4	64QAM	1	3	18.11	18.23	17.95		
1.4	64QAM	1	5	17.99	18.21	17.85		
1.4	64QAM	3	0	18.11	18.14	18.12		
1.4	64QAM	3	1	18.03	18.05	18.09		
1.4	64QAM	3	3	17.89	18.07	17.96		
1.4	64QAM	6	0	18.02	18.27	18.13	19	0
1.4	256QAM	1	0	18.14	18.16	18.09	19	0
1.4	256QAM	1	3	18.00	18.19	17.88		
1.4	256QAM	1	5	17.79	18.12	17.76		
1.4	256QAM	3	0	17.98	18.03	18.20		
1.4	256QAM	3	1	17.97	18.18	18.06		
1.4	256QAM	3	3	17.87	18.01	17.87		
1.4	256QAM	6	0	18.00	18.18	18.08	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	23.01	23.23	23.12	24	0
20	QPSK	1	49	22.85	22.98	22.93		
20	QPSK	1	99	22.79	22.92	22.88		
20	QPSK	50	0	22.05	22.10	22.08	23	1
20	QPSK	50	24	21.97	22.02	21.98		
20	QPSK	50	50	21.87	21.93	21.90		
20	QPSK	100	0	21.94	22.05	21.95		
20	16QAM	1	0	22.32	22.37	22.35	23	1
20	16QAM	1	49	22.31	22.33	22.24		
20	16QAM	1	99	22.03	22.09	21.99		
20	16QAM	50	0	20.95	20.99	20.92	22	2
20	16QAM	50	24	20.96	21.01	20.92		
20	16QAM	50	50	20.77	20.90	20.78		
20	16QAM	100	0	21.04	21.07	21.03		
20	64QAM	1	0	21.14	21.26	21.21	22	2
20	64QAM	1	49	21.28	21.31	21.21		
20	64QAM	1	99	21.08	21.19	21.07		
20	64QAM	50	0	19.93	20.03	19.91	21	3
20	64QAM	50	24	19.96	20.03	19.98		
20	64QAM	50	50	19.92	19.95	19.85		
20	64QAM	100	0	19.93	20.06	20.04		
20	256QAM	1	0	18.07	18.12	18.01	19	5
20	256QAM	1	49	18.09	18.18	18.11		
20	256QAM	1	99	18.07	18.13	18.05		
20	256QAM	50	0	18.07	18.15	18.08	19	5
20	256QAM	50	24	17.93	18.05	18.02		
20	256QAM	50	50	18.04	18.10	18.03		
20	256QAM	100	0	17.88	17.96	17.87		
Channel				133197	133297	133397	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	0	22.96	23.19	23.01	24	0
15	QPSK	1	37	22.80	22.97	22.89		
15	QPSK	1	74	22.76	22.80	22.84		
15	QPSK	36	0	21.98	22.01	22.03	23	1
15	QPSK	36	20	21.90	22.01	21.89		
15	QPSK	36	39	21.79	21.91	21.85		
15	QPSK	75	0	21.90	22.02	21.86		
15	16QAM	1	0	22.20	22.27	22.27	23	1
15	16QAM	1	37	22.28	22.29	22.22		
15	16QAM	1	74	21.98	22.03	21.93		
15	16QAM	36	0	20.86	20.92	20.84	22	2
15	16QAM	36	20	20.85	20.91	20.91		
15	16QAM	36	39	20.75	20.79	20.71		
15	16QAM	75	0	21.02	21.00	20.94		
15	64QAM	1	0	21.03	21.20	21.17	22	2
15	64QAM	1	37	21.22	21.26	21.09		
15	64QAM	1	74	20.98	21.15	20.96		
15	64QAM	36	0	19.91	19.94	19.84	21	3
15	64QAM	36	20	19.93	19.96	19.86		
15	64QAM	36	39	19.90	19.91	19.76		
15	64QAM	75	0	19.86	20.01	20.02		
15	256QAM	1	0	18.03	18.11	17.96	19	5
15	256QAM	1	37	18.01	18.08	18.06		
15	256QAM	1	74	18.03	18.08	18.00		
15	256QAM	36	0	18.01	18.05	18.05	19	5
15	256QAM	36	20	17.83	17.94	17.93		
15	256QAM	36	39	18.03	18.05	18.02		
15	256QAM	75	0	17.85	17.87	17.76		
Channel				133172	133297	133422	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	0	22.94	23.11	23.02	24	0
10	QPSK	1	25	22.75	22.88	22.84		
10	QPSK	1	49	22.69	22.86	22.87		
10	QPSK	25	0	21.97	22.09	22.03	23	1
10	QPSK	25	12	21.86	21.90	21.91		
10	QPSK	25	25	21.82	21.91	21.81		
10	QPSK	50	0	21.84	21.97	21.90		
10	16QAM	1	0	22.22	22.26	22.31	23	1
10	16QAM	1	25	22.19	22.21	22.12		
10	16QAM	1	49	21.98	22.00	21.87		
10	16QAM	25	0	20.83	20.87	20.85	22	2
10	16QAM	25	12	20.89	20.94	20.81		
10	16QAM	25	25	20.71	20.83	20.70		
10	16QAM	50	0	20.93	20.99	20.99		
10	64QAM	1	0	21.11	21.17	21.17	22	2
10	64QAM	1	25	21.24	21.28	21.15		
10	64QAM	1	49	21.03	21.15	21.03		
10	64QAM	25	0	19.81	19.98	19.79	21	3
10	64QAM	25	12	19.91	19.97	19.86		
10	64QAM	25	25	19.86	19.86	19.79		
10	64QAM	50	0	19.88	19.96	19.96		
10	256QAM	1	0	17.95	18.05	17.94	19	5
10	256QAM	1	25	18.07	18.09	18.00		
10	256QAM	1	49	17.99	18.11	17.93		
10	256QAM	25	0	17.97	18.14	18.05	19	5
10	256QAM	25	12	17.83	18.01	17.90		
10	256QAM	25	25	17.99	18.01	17.99		
10	256QAM	50	0	17.79	17.90	17.83		
Channel				133147	133297	133447	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	0	22.94	23.17	23.11	24	0
5	QPSK	1	12	22.83	22.91	22.84		
5	QPSK	1	24	22.68	22.86	22.76		
5	QPSK	12	0	21.93	22.00	22.05	23	1
5	QPSK	12	7	21.88	21.97	21.88		
5	QPSK	12	13	21.80	21.81	21.80		
5	QPSK	25	0	21.91	21.98	21.85		
5	16QAM	1	0	22.23	22.34	22.28	23	1
5	16QAM	1	12	22.25	22.23	22.13		
5	16QAM	1	24	22.01	21.99	21.89		
5	16QAM	12	0	20.90	20.87	20.85	22	2
5	16QAM	12	7	20.88	20.97	20.86		
5	16QAM	12	13	20.65	20.79	20.70		
5	16QAM	25	0	21.02	20.98	20.98		
5	64QAM	1	0	21.05	21.25	21.14	22	2
5	64QAM	1	12	21.22	21.30	21.13		
5	64QAM	1	24	21.02	21.14	21.02		
5	64QAM	12	0	19.92	19.99	19.89	21	3
5	64QAM	12	7	19.84	19.92	19.94		
5	64QAM	12	13	19.83	19.87	19.78		
5	64QAM	25	0	19.82	20.00	19.92		
5	256QAM	1	0	17.97	18.06	17.98	19	5
5	256QAM	1	12	18.06	18.06	18.04		
5	256QAM	1	24	18.03	18.10	18.01		
5	256QAM	12	0	18.01	18.12	17.97	19	5
5	256QAM	12	7	17.85	18.04	17.92		
5	256QAM	12	13	17.98	18.04	17.91		
5	256QAM	25	0	17.76	17.94	17.81		

Band 71_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.94	22.99	22.98	24	0
20	QPSK	1	49	22.84	22.88	22.96		
20	QPSK	1	99	22.71	22.83	22.73		
20	QPSK	50	0	21.97	22.03	22.02	23	1
20	QPSK	50	24	21.90	22.00	21.99		
20	QPSK	50	50	21.96	21.94	21.90		
20	QPSK	100	0	21.91	21.94	21.82		
20	16QAM	1	0	22.30	22.25	22.36	23	1
20	16QAM	1	49	22.00	22.09	22.06		
20	16QAM	1	99	22.03	21.96	22.03		
20	16QAM	50	0	20.88	20.91	20.96	22	2
20	16QAM	50	24	20.86	20.94	20.89		
20	16QAM	50	50	20.93	20.86	20.89		
20	16QAM	100	0	20.79	20.79	20.78		
20	64QAM	1	0	21.07	21.09	21.00	22	2
20	64QAM	1	49	21.01	21.02	21.06		
20	64QAM	1	99	21.03	21.08	21.04		
20	64QAM	50	0	19.99	20.02	20.02	21	3
20	64QAM	50	24	20.01	20.03	20.04		
20	64QAM	50	50	20.01	19.97	20.00		
20	64QAM	100	0	19.89	19.91	19.90		
20	256QAM	1	0	17.97	17.97	17.97	19	5
20	256QAM	1	49	17.91	17.86	17.92		
20	256QAM	1	99	17.96	17.91	17.94		
20	256QAM	50	0	17.81	17.72	17.76	19	5
20	256QAM	50	24	17.85	17.74	17.72		
20	256QAM	50	50	17.83	17.77	17.69		
20	256QAM	100	0	17.95	18.00	17.85		
Channel				133197	133297	133397	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	0	22.94	22.96	22.98	24	0
15	QPSK	1	37	22.84	22.88	22.96		
15	QPSK	1	74	22.71	22.83	22.73		
15	QPSK	36	0	21.89	21.98	22.02	23	1
15	QPSK	36	20	21.90	22.00	21.99		
15	QPSK	36	39	21.96	21.94	21.90		
15	QPSK	75	0	21.95	21.84	21.82		
15	16QAM	1	0	22.30	22.25	22.36	23	1
15	16QAM	1	37	22.00	22.09	22.06		
15	16QAM	1	74	22.03	21.96	22.03		
15	16QAM	36	0	20.88	20.91	20.96	22	2
15	16QAM	36	20	20.86	20.94	20.89		
15	16QAM	36	39	20.93	20.86	20.89		
15	16QAM	75	0	20.79	20.79	20.78		
15	64QAM	1	0	21.07	21.09	21.00	22	2
15	64QAM	1	37	21.01	21.02	21.06		
15	64QAM	1	74	21.03	21.08	21.04		
15	64QAM	36	0	19.99	20.02	20.02	21	3
15	64QAM	36	20	20.01	20.03	20.04		
15	64QAM	36	39	20.01	19.97	20.00		
15	64QAM	75	0	19.89	19.91	19.90		
15	256QAM	1	0	17.97	17.97	17.97	19	5
15	256QAM	1	37	17.91	17.86	17.92		
15	256QAM	1	74	17.96	17.91	17.94		
15	256QAM	36	0	17.81	17.72	17.76	19	5
15	256QAM	36	20	17.85	17.74	17.72		
15	256QAM	36	39	17.83	17.77	17.69		
15	256QAM	75	0	17.95	18.00	17.85		
Channel				133172	133297	133422	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	0	22.94	22.96	22.98	24	0
10	QPSK	1	25	22.84	22.88	22.96		
10	QPSK	1	49	22.71	22.83	22.73		
10	QPSK	25	0	21.89	21.98	22.02	23	1
10	QPSK	25	12	21.90	22.00	21.99		
10	QPSK	25	25	21.96	21.94	21.90		
10	QPSK	50	0	21.95	21.84	21.82		
10	16QAM	1	0	22.30	22.25	22.36	23	1
10	16QAM	1	25	22.00	22.09	22.06		
10	16QAM	1	49	22.03	21.96	22.03		
10	16QAM	25	0	20.88	20.91	20.96	22	2
10	16QAM	25	12	20.86	20.94	20.89		
10	16QAM	25	25	20.93	20.86	20.89		
10	16QAM	50	0	20.79	20.79	20.78		
10	64QAM	1	0	21.07	21.09	21.00	22	2
10	64QAM	1	25	21.01	21.02	21.06		
10	64QAM	1	49	21.03	21.08	21.04		
10	64QAM	25	0	19.99	20.02	20.02	21	3
10	64QAM	25	12	20.01	20.03	20.04		
10	64QAM	25	25	20.01	19.97	20.00		
10	64QAM	50	0	19.89	19.91	19.90		
10	256QAM	1	0	17.97	17.97	17.97	19	5
10	256QAM	1	25	17.91	17.86	17.92		
10	256QAM	1	49	17.96	17.91	17.94		
10	256QAM	25	0	17.81	17.72	17.76	19	5
10	256QAM	25	12	17.85	17.74	17.72		
10	256QAM	25	25	17.83	17.77	17.69		
10	256QAM	50	0	17.95	18.00	17.85		
Channel				133147	133297	133447	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	0	22.94	22.96	22.98	24	0
5	QPSK	1	12	22.84	22.88	22.96		
5	QPSK	1	24	22.71	22.83	22.73		
5	QPSK	12	0	21.89	21.98	22.02	23	1
5	QPSK	12	7	21.90	22.00	21.99		
5	QPSK	12	13	21.96	21.94	21.90		
5	QPSK	25	0	21.95	21.84	21.82		
5	16QAM	1	0	22.30	22.25	22.36	23	1
5	16QAM	1	12	22.00	22.09	22.06		
5	16QAM	1	24	22.03	21.96	22.03		
5	16QAM	12	0	20.88	20.91	20.96	22	2
5	16QAM	12	7	20.86	20.94	20.89		
5	16QAM	12	13	20.93	20.86	20.89		
5	16QAM	25	0	20.79	20.79	20.78		
5	64QAM	1	0	21.07	21.09	21.00	22	2
5	64QAM	1	12	21.01	21.02	21.06		
5	64QAM	1	24	21.03	21.08	21.04		
5	64QAM	12	0	19.99	20.02	20.02	21	3
5	64QAM	12	7	20.01	20.03	20.04		
5	64QAM	12	13	20.01	19.97	20.00		
5	64QAM	25	0	19.89	19.91	19.90		
5	256QAM	1	0	17.97	17.97	17.97	19	5
5	256QAM	1	12	17.91	17.86	17.92		
5	256QAM	1	24	17.96	17.91	17.94		
5	256QAM	12	0	17.81	17.72	17.76	19	5
5	256QAM	12	7	17.85	17.74	17.72		
5	256QAM	12	13	17.83	17.77	17.69		
5	256QAM	25	0	17.95	18.00	17.85		

Band 38_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2593	2595	2610		
20	QPSK	1	0	22.63	22.48	22.53	23.5	0
20	QPSK	1	49	22.59	22.59	22.57		
20	QPSK	1	99	22.62	22.60	22.61		
20	QPSK	50	0	21.73	21.54	21.58	23	0.5
20	QPSK	50	24	21.71	21.62	21.64		
20	QPSK	50	50	21.66	21.66	21.66		
20	QPSK	100	0	21.67	21.58	21.58		
20	16QAM	1	0	21.58	21.52	21.59	23	0.5
20	16QAM	1	49	21.57	21.62	21.56		
20	16QAM	1	99	21.65	21.65	21.68		
20	16QAM	50	0	20.47	20.43	20.48	22	1.5
20	16QAM	50	24	20.61	20.50	20.53		
20	16QAM	50	50	20.57	20.58	20.58		
20	16QAM	100	0	20.54	20.48	20.48		
20	64QAM	1	0	20.22	20.19	20.16	22	1.5
20	64QAM	1	49	20.32	20.31	20.24		
20	64QAM	1	99	20.31	20.30	20.31		
20	64QAM	50	0	19.49	19.46	19.47	21	2.5
20	64QAM	50	24	19.61	19.53	19.56		
20	64QAM	50	50	19.57	19.58	19.61		
20	64QAM	100	0	19.54	19.47	19.49		
20	256QAM	1	0	17.35	17.27	17.36	19	4.5
20	256QAM	1	49	17.49	17.33	17.39		
20	256QAM	1	99	17.42	17.44	17.50		
20	256QAM	50	0	17.28	17.36	17.36	19	4.5
20	256QAM	50	24	17.47	17.31	17.47		
20	256QAM	50	50	17.41	17.45	17.43		
20	256QAM	100	0	17.41	17.40	17.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.41	22.38	22.39	23.5	0
15	QPSK	1	37	22.49	22.45	22.47		
15	QPSK	1	74	22.44	22.49	22.51		
15	QPSK	36	0	21.43	21.43	21.41	23	0.5
15	QPSK	36	20	21.56	21.50	21.51		
15	QPSK	36	39	21.51	21.54	21.54		
15	QPSK	75	0	21.53	21.43	21.46		
15	16QAM	1	0	21.57	21.57	21.54	23	0.5
15	16QAM	1	37	21.60	21.59	21.64		
15	16QAM	1	74	21.66	21.66	21.67		
15	16QAM	36	0	20.42	20.42	20.42	22	1.5
15	16QAM	36	20	20.56	20.47	20.50		
15	16QAM	36	39	20.52	20.50	20.55		
15	16QAM	75	0	20.57	20.47	20.48		
15	64QAM	1	0	20.22	20.21	20.18	22	1.5
15	64QAM	1	37	20.33	20.30	20.32		
15	64QAM	1	74	20.31	20.29	20.35		
15	64QAM	36	0	19.44	19.43	19.47	21	2.5
15	64QAM	36	20	19.57	19.50	19.54		
15	64QAM	36	39	19.54	19.53	19.54		
15	64QAM	75	0	19.56	19.45	19.48		
15	256QAM	1	0	17.42	17.35	17.36	19	4.5
15	256QAM	1	37	17.48	17.38	17.39		
15	256QAM	1	74	17.42	17.49	17.45		
15	256QAM	36	0	17.36	17.29	17.28	19	4.5
15	256QAM	36	20	17.46	17.36	17.53		
15	256QAM	36	39	17.47	17.48	17.45		
15	256QAM	75	0	17.43	17.44	17.34		
Channel				37750	38000	38250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.56	22.54	22.50	23.5	0
10	QPSK	1	25	22.54	22.54	22.58		
10	QPSK	1	49	22.55	22.54	22.63		
10	QPSK	25	0	21.66	21.54	21.61	23	0.5
10	QPSK	25	12	21.64	21.57	21.61		
10	QPSK	25	25	21.63	21.62	21.66		
10	QPSK	50	0	21.65	21.54	21.60		
10	16QAM	1	0	21.65	21.64	21.67	23	0.5
10	16QAM	1	25	21.65	21.65	21.68		
10	16QAM	1	49	21.62	21.67	21.68		
10	16QAM	25	0	20.66	20.57	20.61	22	1.5
10	16QAM	25	12	20.69	20.62	20.65		
10	16QAM	25	25	20.67	20.66	20.71		
10	16QAM	50	0	20.66	20.59	20.63		
10	64QAM	1	0	20.45	20.36	20.42	22	1.5
10	64QAM	1	25	20.36	20.40	20.47		
10	64QAM	1	49	20.40	20.44	20.46		
10	64QAM	25	0	19.73	19.65	19.70	21	2.5
10	64QAM	25	12	19.76	19.67	19.68		
10	64QAM	25	25	19.72	19.74	19.75		
10	64QAM	50	0	19.67	19.63	19.64		
10	256QAM	1	0	17.31	17.32	17.36	19	4.5
10	256QAM	1	25	17.50	17.41	17.42		
10	256QAM	1	49	17.43	17.49	17.50		
10	256QAM	25	0	17.26	17.26	17.35	19	4.5
10	256QAM	25	12	17.47	17.33	17.42		
10	256QAM	25	25	17.47	17.47	17.49		
10	256QAM	50	0	17.43	17.35	17.41		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.59	22.54	22.60	23.5	0
5	QPSK	1	12	22.51	22.52	22.57		
5	QPSK	1	24	22.52	22.54	22.54		
5	QPSK	12	0	21.64	21.56	21.65	23	0.5
5	QPSK	12	7	21.66	21.64	21.67		
5	QPSK	12	13	21.63	21.61	21.65		
5	QPSK	25	0	21.63	21.52	21.62		
5	16QAM	1	0	21.75	21.68	21.72	23	0.5
5	16QAM	1	12	21.65	21.63	21.67		
5	16QAM	1	24	21.72	21.72	21.74		
5	16QAM	12	0	20.62	20.53	20.63	22	1.5
5	16QAM	12	7	20.60	20.60	20.66		
5	16QAM	12	13	20.59	20.61	20.61		
5	16QAM	25	0	20.67	20.61	20.71		
5	64QAM	1	0	20.43	20.36	20.46	22	1.5
5	64QAM	1	12	20.48	20.44	20.40		
5	64QAM	1	24	20.48	20.47	20.48		
5	64QAM	12	0	19.68	19.57	19.68	21	2.5
5	64QAM	12	7	19.74	19.70	19.71		
5	64QAM	12	13	19.65	19.64	19.69		
5	64QAM	25	0	19.69	19.60	19.72		
5	256QAM	1	0	17.38	17.32	17.31	19	4.5
5	256QAM	1	12	17.47	17.35	17.46		
5	256QAM	1	24	17.43	17.42	17.44		
5	256QAM	12	0	17.30	17.25	17.29	19	4.5
5	256QAM	12	7	17.40	17.37	17.46		
5	256QAM	12	13	17.41	17.52	17.46		
5	256QAM	25	0	17.43	17.40	17.39		

Band 41_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.59	22.62	22.68	22.74	22.85	23.5	0
20	QPSK	1	49	22.53	22.54	22.64	22.72	22.78		
20	QPSK	1	99	22.55	22.57	22.65	22.73	22.82		
20	QPSK	50	0	21.65	21.75	21.80	21.85	21.92	23	0.5
20	QPSK	50	24	21.60	21.67	21.70	21.76	21.91		
20	QPSK	50	50	21.62	21.73	21.74	21.80	21.91		
20	QPSK	100	0	21.72	21.80	21.83	21.85	21.88		
20	16QAM	1	0	21.41	21.51	21.56	21.67	21.70	23	0.5
20	16QAM	1	49	21.40	21.48	21.51	21.62	21.64		
20	16QAM	1	99	21.42	21.50	21.60	21.69	21.67		
20	16QAM	50	0	20.39	20.50	20.47	20.60	20.65	22	1.5
20	16QAM	50	24	20.48	20.59	20.58	20.65	20.64		
20	16QAM	50	50	20.49	20.59	20.57	20.67	20.70		
20	16QAM	100	0	20.48	20.59	20.57	20.62	20.60		
20	64QAM	1	0	20.06	20.14	20.18	20.33	20.39	22	1.5
20	64QAM	1	49	20.14	20.16	20.19	20.35	20.35		
20	64QAM	1	99	20.13	20.21	20.29	20.40	20.40		
20	64QAM	50	0	19.43	19.50	19.50	19.60	19.67	21	2.5
20	64QAM	50	24	19.55	19.62	19.60	19.63	19.71		
20	64QAM	50	50	19.49	19.58	19.59	19.70	19.71		
20	64QAM	100	0	19.52	19.57	19.59	19.61	19.66		
20	256QAM	1	0	17.49	17.50	17.55	17.52	17.41	19	4.5
20	256QAM	1	49	17.19	17.26	17.33	17.21	17.21		
20	256QAM	1	99	17.29	17.28	17.31	17.19	17.29		
20	256QAM	50	0	17.59	17.63	17.68	17.59	17.57	19	4.5
20	256QAM	50	24	17.55	17.61	17.70	17.68	17.59		
20	256QAM	50	50	17.50	17.63	17.64	17.57	17.49		
20	256QAM	100	0	17.61	17.63	17.65	17.53	17.64		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.28	22.42	22.41	22.51	22.55	23.50	0
15	QPSK	1	37	22.27	22.42	22.34	22.51	22.54		
15	QPSK	1	74	22.33	22.44	22.47	22.52	22.53		
15	QPSK	36	0	21.39	21.52	21.49	21.58	21.65	23	0.5
15	QPSK	36	20	21.48	21.55	21.55	21.58	21.71		
15	QPSK	36	39	21.43	21.56	21.56	21.64	21.69		
15	QPSK	75	0	21.48	21.57	21.58	21.58	21.71		
15	16QAM	1	0	21.59	21.61	21.53	21.64	21.71	23	0.5
15	16QAM	1	37	21.45	21.55	21.52	21.63	21.66		
15	16QAM	1	74	21.38	21.63	21.62	21.69	21.74		
15	16QAM	36	0	20.42	20.46	20.47	20.57	20.64	22	1.5
15	16QAM	36	20	20.49	20.55	20.56	20.57	20.70		
15	16QAM	36	39	20.46	20.53	20.52	20.65	20.67		
15	16QAM	75	0	20.51	20.61	20.60	20.62	20.75		
15	64QAM	1	0	20.39	20.24	20.19	20.32	20.39	22	1.5
15	64QAM	1	37	20.18	20.28	20.24	20.35	20.41		
15	64QAM	1	74	20.17	20.32	20.29	20.41	20.40		
15	64QAM	36	0	19.40	19.51	19.47	19.63	19.68	21	2.5
15	64QAM	36	20	19.48	19.58	19.56	19.61	19.74		
15	64QAM	36	39	19.47	19.60	19.56	19.71	19.74		
15	64QAM	75	0	19.53	19.60	19.58	19.61	19.77		
15	256QAM	1	0	17.43	17.33	17.45	17.37	17.29	19	4.5
15	256QAM	1	37	17.07	17.13	17.28	17.20	17.20		
15	256QAM	1	74	17.11	17.28	17.24	17.05	17.14		
15	256QAM	36	0	17.56	17.54	17.61	17.51	17.43	19	4.5
15	256QAM	36	20	17.63	17.48	17.69	17.64	17.52		
15	256QAM	36	39	17.45	17.40	17.54	17.47	17.34		
15	256QAM	75	0	17.49	17.54	17.51	17.42	17.63		
Channel				39700	40140	40580	41020	41460	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.51	22.61	22.53	22.67	22.81	23.50	0
10	QPSK	1	25	22.46	22.58	22.59	22.72	22.76		
10	QPSK	1	49	22.50	22.63	22.60	22.73	22.79		
10	QPSK	25	0	21.57	21.63	21.59	21.73	21.77	23	0.5
10	QPSK	25	12	21.60	21.69	21.72	21.77	21.82		
10	QPSK	25	25	21.62	21.72	21.73	21.84	21.86		
10	QPSK	50	0	21.63	21.73	21.71	21.76	21.78		
10	16QAM	1	0	21.62	21.71	21.71	21.82	21.94	23	0.5
10	16QAM	1	25	21.57	21.66	21.66	21.77	21.83		
10	16QAM	1	49	21.61	21.67	21.66	21.83	21.85		
10	16QAM	25	0	20.68	20.59	20.63	20.73	20.81	22	1.5
10	16QAM	25	12	20.68	20.76	20.73	20.81	20.88		
10	16QAM	25	25	20.65	20.71	20.76	20.85	20.93		
10	16QAM	50	0	20.66	20.70	20.75	20.78	20.80		
10	64QAM	1	0	20.48	20.42	20.39	20.58	20.67	22	1.5
10	64QAM	1	25	20.46	20.47	20.48	20.58	20.66		
10	64QAM	1	49	20.43	20.44	20.49	20.58	20.64		
10	64QAM	25	0	19.71	19.72	19.68	19.84	19.87	21	2.5
10	64QAM	25	12	19.75	19.82	19.79	19.85	19.90		
10	64QAM	25	25	19.73	19.81	19.80	19.93	19.93		
10	64QAM	50	0	19.69	19.75	19.72	19.82	19.86		
10	256QAM	1	0	17.39	17.35	17.44	17.42	17.40	19	4.5
10	256QAM	1	25	17.11	17.07	17.18	17.11	17.10		
10	256QAM	1	49	17.11	17.20	17.24	17.11	17.17		
10	256QAM	25	0	17.57	17.56	17.53	17.54	17.43	19	4.5
10	256QAM	25	12	17.65	17.53	17.57	17.66	17.47		
10	256QAM	25	25	17.48	17.36	17.53	17.51	17.42		
10	256QAM	50	0	17.41	17.50	17.55	17.45	17.50		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.52	22.52	22.49	22.60	22.73	23.50	0
5	QPSK	1	12	22.64	22.73	22.73	22.82	22.90		
5	QPSK	1	24	22.42	22.56	22.54	22.66	22.75		
5	QPSK	12	0	21.57	21.69	21.66	21.68	21.77	23	0.5
5	QPSK	12	7	21.62	21.71	21.70	21.82	21.87		
5	QPSK	12	13	21.53	21.66	21.66	21.79	21.82		
5	QPSK	25	0	21.57	21.68	21.65	21.79	21.80		
5	16QAM	1	0	21.66	21.67	21.63	21.75	21.82	23	0.5
5	16QAM	1	12	21.58	21.67	21.67	21.77	21.87		
5	16QAM	1	24	21.67	21.78	21.74	21.89	21.96		
5	16QAM	12	0	20.59	20.66	20.64	20.67	20.74	22	1.5
5	16QAM	12	7	20.60	20.67	20.67	20.78	20.83		
5	16QAM	12	13	20.61	20.67	20.68	20.77	20.80		
5	16QAM	25	0	20.65	20.73	20.69	20.81	20.87		
5	64QAM	1	0	20.43	20.30	20.31	20.44	20.54	22	1.5
5	64QAM	1	12	20.44	20.55	20.49	20.60	20.74		
5	64QAM	1	24	20.42	20.49	20.52	20.55	20.70		
5	64QAM	12	0	19.68	19.72	19.69	19.75	19.83	21	2.5
5	64QAM	12	7	19.67	19.76	19.75	19.86	19.96		
5	64QAM	12	13	19.65	19.72	19.74	19.85	19.90		
5	64QAM	25	0	19.66	19.76	19.75	19.87	19.89		
5	256QAM	1	0	17.41	17.32	17.54	17.44	17.39	19	4.5
5	256QAM	1	12	17.06	17.20	17.22	17.06	17.15		
5	256QAM	1	24	17.15	17.23	17.30	17.13	17.20		
5	256QAM	12	0	17.48	17.48	17.53	17.46	17.45	19	4.5
5	256QAM	12	7	17.54	17.52	17.55	17.59	17.54		
5	256QAM	12	13	17.43	17.45	17.60	17.46	17.45		
5	256QAM	25	0	17.44	17.58	17.59	17.45	17.63		

Band 41_Ant1（HPUE）

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Low Middle	Power Middle	Power High Middle	Power High	Tune-up limit	MPR
Channel				39750	40185	40620	41055	41490	(dBm)	(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.73	23.85	23.92	24.05	24.08	25.1	0
20	QPSK	1	49	23.70	23.85	23.92	24.00	23.99		
20	QPSK	1	99	23.78	23.86	23.98	24.00	24.02		
20	QPSK	50	0	22.93	23.11	23.11	23.17	23.30	25.1	0
20	QPSK	50	24	22.92	23.00	23.08	23.11	23.18		
20	QPSK	50	50	22.92	23.05	23.01	23.11	23.25		
20	QPSK	100	0	22.90	23.04	23.02	23.13	23.25		
20	16QAM	1	0	23.15	23.30	23.35	23.46	23.53	25.1	0
20	16QAM	1	49	23.16	23.29	23.26	23.40	23.42		
20	16QAM	1	99	23.17	23.34	23.45	23.43	23.47		
20	16QAM	50	0	23.87	24.02	24.04	24.12	24.13	25	0.1
20	16QAM	50	24	23.97	24.11	24.10	24.08	24.14		
20	16QAM	50	50	23.97	24.10	24.06	24.20	24.19		
20	16QAM	100	0	22.00	22.13	22.10	22.07	22.18		
20	64QAM	1	0	23.76	23.95	23.94	24.05	24.08	25	0.1
20	64QAM	1	49	23.92	23.93	24.02	24.07	24.16		
20	64QAM	1	99	23.95	23.97	24.13	24.13	24.22		
20	64QAM	50	0	22.91	23.00	22.97	23.05	23.12	24	1.1
20	64QAM	50	24	22.97	23.08	23.05	23.15	23.11		
20	64QAM	50	50	23.01	23.03	23.14	23.16	23.13		
20	64QAM	100	0	23.04	23.17	23.14	23.06	23.12		
20	256QAM	1	0	20.67	20.66	20.79	20.72	20.73	22	3.1
20	256QAM	1	49	20.69	20.67	20.61	20.74	20.70		
20	256QAM	1	99	20.69	20.73	20.60	20.70	20.75		
20	256QAM	50	0	20.76	20.66	20.62	20.75	20.75	22	3.1
20	256QAM	50	24	20.82	20.67	20.66	20.69	20.70		
20	256QAM	50	50	20.69	20.63	20.71	20.74	20.61		
20	256QAM	100	0	20.73	20.62	20.74	20.80	20.60		
Channel				39775	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.00	23.96	23.98	24.01	23.97	25.10	0
15	QPSK	1	37	23.94	23.90	23.92	23.91	23.85		
15	QPSK	1	74	23.96	24.05	23.97	23.97	23.94		
15	QPSK	36	0	23.10	23.21	23.10	23.19	23.21	25.1	0
15	QPSK	36	20	23.12	23.20	23.15	23.09	23.17		
15	QPSK	36	39	23.20	23.27	23.18	23.21	23.22		
15	QPSK	75	0	21.11	21.14	21.19	21.23	21.13		
15	16QAM	1	0	23.44	23.45	23.40	23.38	23.41	25.1	0
15	16QAM	1	37	23.39	23.28	23.31	23.31	23.27		
15	16QAM	1	74	23.46	23.46	23.32	23.40	23.33		
15	16QAM	36	0	23.86	23.95	24.05	24.06	24.10	25	0.1
15	16QAM	36	20	23.95	24.03	24.02	23.97	24.08		
15	16QAM	36	39	23.95	24.04	23.99	24.12	24.15		
15	16QAM	75	0	21.96	22.05	22.09	22.00	22.12		
15	64QAM	1	0	23.68	23.94	23.90	24.00	24.07	25	0.1
15	64QAM	1	37	23.87	23.90	24.00	23.95	24.11		
15	64QAM	1	74	23.90	23.95	24.04	24.04	24.23		
15	64QAM	36	0	22.83	22.91	22.91	22.99	23.11	24	1.1
15	64QAM	36	20	22.91	23.00	23.02	23.12	23.07		
15	64QAM	36	39	22.99	22.97	23.09	23.09	23.12		
15	64QAM	75	0	22.99	23.15	23.08	22.99	23.02		
15	256QAM	1	0	20.64	20.61	20.75	20.65	20.62	22	3.1
15	256QAM	1	37	20.64	20.64	20.55	20.70	20.66		
15	256QAM	1	74	20.64	20.70	20.51	20.66	20.71		
15	256QAM	36	0	20.68	20.57	20.60	20.68	20.69	22	3.1
15	256QAM	36	20	20.75	20.66	20.60	20.62	20.62		
15	256QAM	36	39	20.62	20.54	20.66	20.65	20.56		
15	256QAM	75	0	20.64	20.53	20.75	20.77	20.55		
Channel				39750	40150	40620	41090	41490	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.03	23.98	23.95	24.03	23.98	25.10	0
10	QPSK	1	25	23.87	23.87	23.98	23.98	23.98		
10	QPSK	1	49	24.04	23.97	24.01	24.07	24.03		
10	QPSK	25	0	23.15	23.10	23.09	23.09	23.23	25.1	0
10	QPSK	25	12	23.08	23.16	23.19	23.14	23.09		
10	QPSK	25	25	23.17	23.21	23.14	23.19	23.23		
10	QPSK	50	0	21.23	21.09	21.18	21.11	21.14		
10	16QAM	1	0	23.44	23.50	23.38	23.52	23.49	25.1	0
10	16QAM	1	25	23.35	23.38	23.33	23.39	23.28		
10	16QAM	1	49	23.33	23.33	23.42	23.35	23.46		
10	16QAM	25	0	23.83	23.99	23.99	24.02	24.13	25	0.1
10	16QAM	25	12	23.92	24.03	24.04	24.00	24.05		
10	16QAM	25	25	23.89	24.05	23.99	24.19	24.13		
10	16QAM	50	0	21.92	22.09	22.07	21.98	22.10		
10	64QAM	1	0	23.72	23.93	23.89	23.98	23.98	25	0.1
10	64QAM	1	25	23.82	23.88	23.91	23.98	24.12		
10	64QAM	1	49	23.89	23.91	24.09	24.10	24.17		
10	64QAM	25	0	22.86	22.94	22.90	23.04	23.03	24	1.1
10	64QAM	25	12	22.87	23.00	22.94	23.15	23.08		
10	64QAM	25	25	22.93	22.98	23.08	23.13	23.10		
10	64QAM	50	0	22.87	23.18	23.04	23.05	23.02		
10	256QAM	1	0	20.56	20.61	20.72	20.73	20.64	22	3.1
10	256QAM	1	25	20.65	20.60	20.62	20.65	20.63		
10	256QAM	1	49	20.64	20.66	20.54	20.66	20.67		
10	256QAM	25	0	20.73	20.59	20.50	20.68	20.73	22	3.1
10	256QAM	25	12	20.77	20.66	20.57	20.60	20.64		
10	256QAM	25	25	20.61	20.56	20.65	20.70	20.56		
10	256QAM	50	0	20.69	20.59	20.65	20.75	20.56		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	23.98	23.95	24.00	24.05	23.98	25.10	0
5	QPSK	1	12	23.87	23.98	23.90	23.89	23.89		
5	QPSK	1	24	23.95	24.06	24.04	24.05	23.93		
5	QPSK	12	0	23.13	23.12	23.10	23.23	23.12	25.1	0
5	QPSK	12	7	23.19	23.15	23.08	23.14	23.11		
5	QPSK	12	13	23.17	23.17	23.26	23.20	23.22		
5	QPSK	25	0	21.22	21.14	21.09	21.18	21.21		
5	16QAM	1	0	23.47	23.49	23.44	23.47	23.43	25.1	0
5	16QAM	1	12	23.37	23.30	23.33	23.32	23.28		
5	16QAM	1	24	23.43	23.34	23.41	23.37	23.45		
5	16QAM	12	0	23.81	23.98	23.97	24.00	24.06	25	0.1
5	16QAM	12	7	23.88	24.08	24.07	24.05	24.15		
5	16QAM	12	13	23.94	24.05	24.00	24.20	24.09		
5	16QAM	25	0	21.94	22.07	21.99	22.04	22.12		
5	64QAM	1	0	23.65	23.86	23.86	24.05	23.97	25	0.1
5	64QAM	1	12	23.82	23.86	23.95	24.02	24.11		
5	64QAM	1	24	23.90	23.96	24.13	24.02	24.14		
5	64QAM	12	0	22.81	22.93	22.89	22.98	23.05	24	1.1
5	64QAM	12	7	22.88	23.04	22.93	23.11	23.07		
5	64QAM	12	13	22.96	22.93	23.09	23.06	23.04		
5	64QAM	25	0	22.99	23.13	23.08	22.98	23.08		
5	256QAM	1	0	20.64	20.59	20.76	20.65	20.74	22	3.1
5	256QAM	1	12	20.67	20.65	20.55	20.67	20.69		
5	256QAM	1	24	20.63	20.69	20.55	20.68	20.69		
5	256QAM	12	0	20.73	20.60	20.61	20.71	20.66	22	3.1
5	256QAM	12	7	20.74	20.63	20.62	20.69	20.67		
5	256QAM	12	13	20.61	20.56	20.68	20.70	20.52		
5	256QAM	25	0	20.66	20.56	20.68	20.76	20.61		

Band 48_Ant5_For FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Low Middle	Power High Middle	Power High	Tune-up limit	MPR
Channel				55340	55830	56150	56640	(dBm)	(dB)
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.26	19.06	19.07	19.05	20	0
20	QPSK	1	49	18.84	18.73	18.77	18.75		
20	QPSK	1	99	19.01	18.89	18.84	18.86		
20	QPSK	50	0	19.23	19.05	19.04	18.94	20	0
20	QPSK	50	24	19.12	19.03	19.01	18.91		
20	QPSK	50	50	19.22	19.10	19.08	19.05		
20	QPSK	100	0	19.11	19.09	19.09	18.93		
20	16QAM	1	0	19.09	19.03	19.03	18.92	20	0
20	16QAM	1	49	18.81	18.79	18.79	18.71		
20	16QAM	1	99	18.94	18.85	18.85	18.75		
20	16QAM	50	0	19.17	18.97	19.05	18.93	20	0
20	16QAM	50	24	19.01	19.02	18.99	18.86		
20	16QAM	50	50	19.15	19.03	19.07	19.07		
20	16QAM	100	0	19.02	19.02	19.03	19.02		
20	64QAM	1	0	19.09	19.12	19.14	19.09	20	0
20	64QAM	1	49	18.84	18.65	18.72	18.70		
20	64QAM	1	99	18.95	18.87	18.78	18.71		
20	64QAM	50	0	19.14	18.94	18.86	18.82	20	0
20	64QAM	50	24	19.12	18.93	18.98	18.88		
20	64QAM	50	50	19.04	19.12	19.13	19.05		
20	64QAM	100	0	18.99	19.06	18.97	18.92		
20	256QAM	1	0	17.05	17.03	17.06	17.04	19	1
20	256QAM	1	49	17.00	17.02	17.07	17.02		
20	256QAM	1	99	17.08	17.07	17.05	17.06		
20	256QAM	50	0	17.24	17.16	17.28	17.26	19	1
20	256QAM	50	24	17.25	17.07	17.16	17.24		
20	256QAM	50	50	17.32	17.16	17.22	17.24		
20	256QAM	100	0	17.32	17.07	17.22	17.22		
Channel				55315	55820	56180	56685	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642.5	3692.5	(dBm)	(dB)
15	QPSK	1	0	19.15	19.13	19.10	19.12	20	0
15	QPSK	1	37	18.92	18.81	18.73	18.71		
15	QPSK	1	74	18.98	18.83	18.85	18.81		
15	QPSK	36	0	19.21	19.01	19.03	19.01	20	0
15	QPSK	36	20	19.15	19.03	19.00	18.94		
15	QPSK	36	39	19.19	19.04	19.10	19.07		
15	QPSK	75	0	19.07	19.06	19.02	18.99		
15	16QAM	1	0	19.10	19.02	19.02	19.01	20	0
15	16QAM	1	37	18.88	18.73	18.83	18.70		
15	16QAM	1	74	18.94	18.81	18.86	18.81		
15	16QAM	36	0	19.12	19.04	19.03	19.02	20	0
15	16QAM	36	20	19.03	18.99	18.98	18.91		
15	16QAM	36	39	19.14	19.10	19.06	19.04		
15	16QAM	75	0	19.00	19.02	19.04	18.98		
15	64QAM	1	0	19.15	19.04	19.13	19.06	20	0
15	64QAM	1	37	18.82	18.64	18.68	18.63		
15	64QAM	1	74	19.01	18.80	18.81	18.74		
15	64QAM	36	0	19.14	18.86	18.90	18.87	20	0
15	64QAM	36	20	19.11	19.00	19.00	18.90		
15	64QAM	36	39	19.03	19.04	19.10	19.09		
15	64QAM	75	0	19.02	18.97	19.02	18.93		
15	256QAM	1	0	17.08	17.08	17.05	17.00	19	1
15	256QAM	1	37	17.08	17.11	17.08	17.08		
15	256QAM	1	74	17.07	17.08	17.02	17.04		
15	256QAM	36	0	17.19	17.10	17.26	17.22	19	1
15	256QAM	36	20	17.13	17.02	17.07	17.16		
15	256QAM	36	39	17.28	17.04	17.17	17.14		
15	256QAM	75	0	17.27	17.02	17.17	17.17		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	19.17	19.12	19.08	19.11	20	0
10	QPSK	1	25	18.93	18.74	18.82	18.76		
10	QPSK	1	49	18.98	18.89	18.88	18.90		
10	QPSK	25	0	19.17	19.07	19.05	18.92	20	0
10	QPSK	25	12	19.09	18.97	18.97	18.85		
10	QPSK	25	25	19.14	19.05	19.09	19.10		
10	QPSK	50	0	19.08	19.09	19.04	18.99		
10	16QAM	1	0	19.05	19.13	19.03	18.97	20	0
10	16QAM	1	25	18.81	18.77	18.76	18.77		
10	16QAM	1	49	19.02	18.88	18.90	18.73		
10	16QAM	25	0	19.21	18.96	19.02	18.99	20	0
10	16QAM	25	12	19.05	19.02	18.95	18.94		
10	16QAM	25	25	19.06	19.03	19.09	19.01		
10	16QAM	50	0	19.04	19.08	19.08	19.02		
10	64QAM	1	0	19.09	19.09	19.05	19.01	20	0
10	64QAM	1	25	18.76	18.74	18.63	18.63		
10	64QAM	1	49	18.92	18.89	18.79	18.76		
10	64QAM	25	0	19.11	18.93	18.97	18.83	20	0
10	64QAM	25	12	19.04	19.01	18.95	18.84		
10	64QAM	25	25	19.09	19.09	19.13	19.02		
10	64QAM	50	0	19.01	18.95	18.97	18.96		
10	256QAM	1	0	17.08	17.00	17.08	17.06	19	1
10	256QAM	1	25	17.07	17.00	17.03	16.73		
10	256QAM	1	49	17.00	17.08	17.09	17.05		
10	256QAM	25	0	17.21	17.11	17.20	17.24	19	1
10	256QAM	25	12	17.23	17.07	17.11	17.22		
10	256QAM	25	25	17.27	17.06	17.18	17.17		
10	256QAM	50	0	17.28	17.06	17.18	17.19		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	19.18	19.12	19.14	19.11	20	0
5	QPSK	1	12	18.90	18.79	18.77	18.71		
5	QPSK	1	24	18.96	18.90	18.90	18.84		
5	QPSK	12	0	19.23	19.06	19.05	18.98	20	0
5	QPSK	12	7	19.15	19.05	18.97	18.90		
5	QPSK	12	13	19.20	19.07	19.04	19.05		
5	QPSK	25	0	19.02	19.02	19.05	18.97		
5	16QAM	1	0	19.10	19.06	19.11	18.90	20	0
5	16QAM	1	12	18.80	18.83	18.75	18.81		
5	16QAM	1	24	19.02	18.85	18.88	18.72		
5	16QAM	12	0	19.16	19.02	18.99	18.96	20	0
5	16QAM	12	7	19.02	18.91	18.93	18.89		
5	16QAM	12	13	19.15	19.10	19.12	19.07		
5	16QAM	25	0	19.03	19.08	19.04	19.02		
5	64QAM	1	0	19.11	19.13	19.04	18.99	20	0
5	64QAM	1	12	18.86	18.69	18.72	18.66		
5	64QAM	1	24	18.97	18.87	18.83	18.76		
5	64QAM	12	0	19.11	18.94	18.94	18.86	20	0
5	64QAM	12	7	19.05	19.03	18.99	18.82		
5	64QAM	12	13	19.06	19.09	19.08	19.06		
5	64QAM	25	0	18.97	18.97	19.01	18.97		
5	256QAM	1	0	17.03	17.09	17.06	17.02	19	1
5	256QAM	1	12	17.04	17.00	17.01	17.06		
5	256QAM	1	24	17.04	17.03	17.08	17.01		
5	256QAM	12	0	17.20	17.14	17.21	17.20	19	1
5	256QAM	12	7	17.23	17.08	17.12	17.17		
5	256QAM	12	13	17.23	17.06	17.22	17.12		
5	256QAM	25	0	17.26	17.00	17.10	17.17		

Reduced Power Mode for DSI 3

<GSM>

GSM850_Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.82	31.77	31.74	**32.00**	22.82	22.77	22.74	23.00
GPRS 1 Tx slot	31.79	31.73	31.51	**32.00**	22.79	22.73	22.51	23.00
GPRS 2 Tx slots	28.36	28.39	28.34	**29.00**	22.36	22.39	22.34	23.00
GPRS 3 Tx slots	26.08	26.12	26.13	**27.00**	21.82	21.86	21.87	22.74
GPRS 4 Tx slots	24.52	24.66	24.43	**25.50**	21.52	21.66	21.43	22.50
EDGE 1 Tx slot	26.33	26.55	26.48	**27.50**	17.33	17.55	17.48	18.50
EDGE 2 Tx slots	24.61	24.45	24.89	**25.50**	18.61	18.45	18.89	19.50
EDGE 3 Tx slots	22.71	22.51	22.88	**23.50**	18.45	18.25	18.62	19.24
EDGE 4 Tx slots	20.77	20.55	20.79	**21.50**	17.77	17.55	17.79	18.50

GSM850_Ant4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.28	32.19	31.97	**33.00**	23.28	23.19	22.97	24.00
GPRS 1 Tx slot	32.23	32.18	31.96	**33.00**	23.23	23.18	22.96	24.00
GPRS 2 Tx slots	29.36	29.79	29.47	**30.50**	23.36	23.79	23.47	24.50
GPRS 3 Tx slots	27.27	27.02	27.41	**28.50**	23.01	22.76	23.15	24.24
GPRS 4 Tx slots	25.63	25.35	25.66	**27.00**	22.63	22.35	22.66	24.00
EDGE 1 Tx slot	26.12	26.30	26.13	**27.50**	17.12	17.30	17.13	18.50
EDGE 2 Tx slots	24.23	24.30	24.12	**25.50**	18.23	18.30	18.12	19.50
EDGE 3 Tx slots	22.30	22.50	22.22	**23.50**	18.04	18.24	17.96	19.24
EDGE 4 Tx slots	20.44	20.30	20.33	**21.50**	17.44	17.30	17.33	18.50

GSM1900_Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.70	27.80	27.68	**28.00**	18.70	18.80	18.68	19.00
GPRS 1 Tx slot	27.61	27.78	27.66	**28.00**	18.61	18.78	18.66	19.00
GPRS 2 Tx slots	24.03	24.15	24.28	**25.00**	18.03	18.15	18.28	19.00
GPRS 3 Tx slots	22.11	22.12	22.13	**23.00**	17.85	17.86	17.87	18.74
GPRS 4 Tx slots	20.58	20.69	20.68	**21.50**	17.58	17.69	17.68	18.50
EDGE 1 Tx slot	25.14	25.47	25.72	**26.00**	16.14	16.47	16.72	17.00
EDGE 2 Tx slots	22.77	23.34	23.29	**24.00**	16.77	17.34	17.29	18.00
EDGE 3 Tx slots	21.92	21.66	21.67	**23.00**	17.66	17.40	17.41	18.74
EDGE 4 Tx slots	20.28	19.86	19.79	**21.00**	17.28	16.86	16.79	18.00

GSM1900_Ant4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.77	27.41	27.40	**28.50**	18.77	18.41	18.40	19.50
GPRS 1 Tx slot	27.76	27.33	27.36	**28.50**	18.76	18.33	18.36	19.50
GPRS 2 Tx slots	24.28	24.66	24.75	**25.50**	18.28	18.66	18.75	19.50
GPRS 3 Tx slots	22.01	21.59	21.64	**23.00**	17.75	17.73	17.38	18.74
GPRS 4 Tx slots	20.67	20.52	20.32	**22.00**	17.67	17.52	17.32	19.00
EDGE 1 Tx slot	24.86	24.56	24.54	**26.00**	15.86	15.56	15.54	17.00
EDGE 2 Tx slots	22.24	22.11	21.94	**23.00**	16.24	16.11	15.94	17.00
EDGE 3 Tx slots	20.68	20.62	20.59	**22.00**	16.42	16.36	16.33	17.74
EDGE 4 Tx slots	18.87	18.75	18.77	**20.00**	15.87	15.75	15.77	17.00

<WCDMA>

Band		WCDMA II Ant0			Tune-up Limit (dBm)	WCDMA IV Ant0			Tune-up Limit (dBm)	WCDMA V Ant0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.44	17.46	17.44	**18.00**	18.01	18.23	18.25	**19.00**	20.62	20.67	20.56	**21.40**
3GPP Rel 99	RMC 12.2Kbps	17.46	17.47	17.45	**18.00**	18.02	18.28	18.27	**19.00**	20.64	20.73	20.58	**21.40**
3GPP Rel 6	HSDPA Subtest-1	16.56	16.57	16.49	**17.00**	17.03	17.27	17.28	**18.00**	19.34	19.30	19.24	**20.40**
3GPP Rel 6	HSDPA Subtest-2	16.57	16.55	16.52	**17.00**	17.04	17.26	17.30	**18.00**	19.36	19.31	19.27	**20.40**
3GPP Rel 6	HSDPA Subtest-3	16.08	16.07	16.01	**16.50**	16.51	16.76	16.78	**17.50**	18.87	18.81	18.73	**19.90**
3GPP Rel 6	HSDPA Subtest-4	16.05	16.05	16.02	**16.50**	16.55	16.77	16.76	**17.50**	18.83	18.88	18.69	**19.90**
3GPP Rel 8	DC-HSDPA Subtest-1	16.32	16.42	16.35	**17.00**	16.94	17.04	17.08	**18.00**	19.28	19.27	19.08	**20.40**
3GPP Rel 8	DC-HSDPA Subtest-2	16.42	16.34	16.50	**17.00**	16.89	17.09	17.05	**18.00**	19.26	19.26	19.15	**20.40**
3GPP Rel 8	DC-HSDPA Subtest-3	15.83	16.02	15.98	**16.50**	16.42	16.73	16.74	**17.50**	18.74	18.60	18.71	**19.90**
3GPP Rel 8	DC-HSDPA Subtest-4	15.91	15.89	15.85	**16.50**	16.39	16.60	16.60	**17.50**	18.79	18.70	18.47	**19.90**
3GPP Rel 6	HSUPA Subtest-1	16.59	16.58	16.54	**17.00**	17.00	17.21	17.24	**18.00**	19.24	19.10	19.13	**20.40**
3GPP Rel 6	HSUPA Subtest-2	14.63	14.61	14.54	**15.00**	15.00	15.21	15.23	**16.00**	17.26	17.20	17.21	**18.40**
3GPP Rel 6	HSUPA Subtest-3	15.57	15.58	15.56	**16.00**	16.02	16.25	16.29	**17.00**	18.09	18.10	18.13	**19.40**
3GPP Rel 6	HSUPA Subtest-4	14.55	14.63	14.55	**15.00**	15.01	15.24	15.32	**16.00**	17.04	17.04	17.16	**18.40**
3GPP Rel 6	HSUPA Subtest-5	16.60	16.60	16.50	**17.00**	16.88	17.20	17.30	**18.00**	19.15	19.28	19.06	**20.40**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.89	13.95	13.89	**14.50**	14.48	14.50	14.52	**15.50**	16.57	16.49	16.38	**17.90**

<WCDMA>

Band		WCDMA II Ant4			Tune-up Limit (dBm)	WCDMA IV Ant4			Tune-up Limit (dBm)	WCDMA V Ant4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.20	17.14	17.02	**18.00**	21.09	21.29	21.22	**22.00**	22.46	22.58	22.50	**23.50**
3GPP Rel 99	RMC 12.2Kbps	17.23	17.25	17.04	**18.00**	21.12	21.30	21.24	**22.00**	22.48	22.59	22.52	**23.50**
3GPP Rel 6	HSDPA Subtest-1	16.28	16.22	16.09	**17.00**	20.13	20.27	20.23	**21.00**	21.58	21.64	21.61	**22.50**
3GPP Rel 6	HSDPA Subtest-2	16.27	16.20	16.06	**17.00**	20.15	20.31	20.29	**21.00**	21.60	21.66	21.60	**22.50**
3GPP Rel 6	HSDPA Subtest-3	15.78	15.77	15.53	**16.50**	19.55	19.85	19.78	**20.50**	21.15	21.13	21.11	**22.00**
3GPP Rel 6	HSDPA Subtest-4	15.81	15.70	15.58	**16.50**	19.64	19.82	19.80	**20.50**	21.16	21.15	21.13	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-1	16.24	16.01	16.05	**17.00**	20.10	20.25	20.02	**21.00**	21.41	21.54	21.45	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-2	16.15	15.99	15.88	**17.00**	20.01	20.24	20.09	**21.00**	21.56	21.58	21.47	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-3	15.53	15.61	15.48	**16.50**	19.34	19.81	19.74	**20.50**	21.03	21.01	21.02	**22.00**
3GPP Rel 8	DC-HSDPA Subtest-4	15.73	15.65	15.55	**16.50**	19.48	19.65	19.74	**20.50**	20.95	20.94	21.09	**22.00**
3GPP Rel 6	HSUPA Subtest-1	16.11	16.18	16.21	**17.00**	20.21	20.29	20.33	**21.00**	21.62	21.63	21.62	**22.50**
3GPP Rel 6	HSUPA Subtest-2	14.27	14.14	14.16	**15.00**	18.18	18.30	18.30	**19.00**	19.59	19.57	19.56	**20.50**
3GPP Rel 6	HSUPA Subtest-3	15.23	15.22	15.21	**16.00**	19.28	19.30	19.26	**20.00**	20.58	20.39	20.62	**21.50**
3GPP Rel 6	HSUPA Subtest-4	14.38	14.19	14.16	**15.00**	18.07	18.30	18.33	**19.00**	19.59	19.60	19.61	**20.50**
3GPP Rel 6	HSUPA Subtest-5	16.30	16.34	16.20	**17.00**	20.10	20.20	20.30	**21.00**	21.60	21.60	21.60	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.62	13.47	13.46	**14.50**	17.52	17.57	17.61	**18.50**	18.84	19.03	18.91	**20.00**

Band 2_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				18607	18700	18793		
Frequency (MHz)				1852.5	1862.0	1871.5		
20	QPSK	1	0	15.10	16.63	15.12	16.5	0
20	QPSK	1	50	15.10	16.63	15.12		
20	QPSK	1	99	15.10	16.63	15.12	16.5	0
20	QPSK	50	0	14.10	15.62	14.12		
20	QPSK	50	25	14.10	15.62	14.12	15.5	0
20	QPSK	50	50	14.10	15.62	14.12		
20	QPSK	100	0	13.10	14.61	13.12	15.5	0
20	16QAM	1	0	14.10	15.61	14.12		
20	16QAM	1	50	14.10	15.61	14.12	15.5	0
20	16QAM	1	99	14.10	15.61	14.12		
20	16QAM	50	0	13.10	14.61	13.12	14.5	0
20	16QAM	50	25	13.10	14.61	13.12		
20	16QAM	50	50	13.10	14.61	13.12	14.5	0
20	16QAM	100	0	12.10	13.61	12.12		
20	64QAM	1	0	13.10	14.61	13.12	14.5	0
20	64QAM	1	50	13.10	14.61	13.12		
20	64QAM	1	99	13.10	14.61	13.12	14.5	0
20	64QAM	50	0	12.10	13.61	12.12		
20	64QAM	50	25	12.10	13.61	12.12	13.5	0
20	64QAM	50	50	12.10	13.61	12.12		
20	64QAM	100	0	11.10	12.61	11.12	13.5	0
20	256QAM	1	0	12.10	13.61	12.12		
20	256QAM	1	50	12.10	13.61	12.12	13.5	0
20	256QAM	1	99	12.10	13.61	12.12		
20	256QAM	50	0	11.10	12.61	11.12	12.5	0
20	256QAM	50	25	11.10	12.61	11.12		
20	256QAM	50	50	11.10	12.61	11.12	12.5	0
20	256QAM	100	0	10.10	11.61	10.12		
Channel				18615	18707	18799		
Frequency (MHz)				1853.5	1862.7	1871.9		
15	QPSK	1	0	15.10	16.63	15.12	16.5	0
15	QPSK	1	37	15.10	16.63	15.12		
15	QPSK	1	74	15.10	16.63	15.12	16.5	0
15	QPSK	36	0	14.10	15.61	14.12		
15	QPSK	36	19	14.10	15.61	14.12	15.5	0
15	QPSK	36	39	14.10	15.61	14.12		
15	QPSK	75	0	13.10	14.61	13.12	15.5	0
15	16QAM	1	0	14.10	15.61	14.12		
15	16QAM	1	37	14.10	15.61	14.12	15.5	0
15	16QAM	1	74	14.10	15.61	14.12		
15	16QAM	36	0	13.10	14.61	13.12	14.5	0
15	16QAM	36	19	13.10	14.61	13.12		
15	16QAM	36	39	13.10	14.61	13.12	14.5	0
15	16QAM	75	0	12.10	13.61	12.12		
15	64QAM	1	0	13.10	14.61	13.12	14.5	0
15	64QAM	1	37	13.10	14.61	13.12		
15	64QAM	1	74	13.10	14.61	13.12	14.5	0
15	64QAM	36	0	12.10	13.61	12.12		
15	64QAM	36	19	12.10	13.61	12.12	13.5	0
15	64QAM	36	39	12.10	13.61	12.12		
15	64QAM	75	0	11.10	12.61	11.12	13.5	0
15	256QAM	1	0	12.10	13.61	12.12		
15	256QAM	1	37	12.10	13.61	12.12	13.5	0
15	256QAM	1	74	12.10	13.61	12.12		
15	256QAM	36	0	11.10	12.61	11.12	12.5	0
15	256QAM	36	19	11.10	12.61	11.12		
15	256QAM	36	39	11.10	12.61	11.12	12.5	0
15	256QAM	75	0	10.10	11.61	10.12		
Channel				18625	18715	18805		
Frequency (MHz)				1854.5	1863.5	1872.5		
10	QPSK	1	0	15.10	16.63	15.12	16.5	0
10	QPSK	1	25	15.10	16.63	15.12		
10	QPSK	1	49	15.10	16.63	15.12	16.5	0
10	QPSK	25	0	14.10	15.61	14.12		
10	QPSK	25	13	14.10	15.61	14.12	15.5	0
10	QPSK	25	25	14.10	15.61	14.12		
10	QPSK	50	0	13.10	14.61	13.12	15.5	0
10	16QAM	1	0	14.10	15.61	14.12		
10	16QAM	1	25	14.10	15.61	14.12	15.5	0
10	16QAM	1	49	14.10	15.61	14.12		
10	16QAM	25	0	13.10	14.61	13.12	14.5	0
10	16QAM	25	13	13.10	14.61	13.12		
10	16QAM	25	25	13.10	14.61	13.12	14.5	0
10	16QAM	50	0	12.10	13.61	12.12		
10	64QAM	1	0	13.10	14.61	13.12	14.5	0
10	64QAM	1	25	13.10	14.61	13.12		
10	64QAM	1	49	13.10	14.61	13.12	14.5	0
10	64QAM	25	0	12.10	13.61	12.12		
10	64QAM	25	13	12.10	13.61	12.12	13.5	0
10	64QAM	25	25	12.10	13.61	12.12		
10	64QAM	50	0	11.10	12.61	11.12	13.5	0
10	256QAM	1	0	12.10	13.61	12.12		
10	256QAM	1	25	12.10	13.61	12.12	13.5	0
10	256QAM	1	49	12.10	13.61	12.12		
10	256QAM	25	0	11.10	12.61	11.12	12.5	0
10	256QAM	25	13	11.10	12.61	11.12		
10	256QAM	25	25	11.10	12.61	11.12	12.5	0
10	256QAM	50	0	10.10	11.61	10.12		
Channel				18650	18675	18700		
Frequency (MHz)				1857.0	1859.5	1862.0		
5	QPSK	1	0	15.10	16.63	15.12	16.5	0
5	QPSK	1	12	15.10	16.63	15.12		
5	QPSK	1	24	15.10	16.63	15.12	16.5	0
5	QPSK	12	0	14.10	15.61	14.12		
5	QPSK	12	7	14.10	15.61	14.12	15.5	0
5	QPSK	12	13	14.10	15.61	14.12		
5	QPSK	25	0	13.10	14.61	13.12	15.5	0
5	16QAM	1	0	14.10	15.61	14.12		
5	16QAM	1	12	14.10	15.61	14.12	15.5	0
5	16QAM	1	24	14.10	15.61	14.12		
5	16QAM	12	0	13.10	14.61	13.12	14.5	0
5	16QAM	12	7	13.10	14.61	13.12		
5	16QAM	12	13	13.10	14.61	13.12	14.5	0
5	16QAM	25	0	12.10	13.61	12.12		
5	64QAM	1	0	13.10	14.61	13.12	14.5	0
5	64QAM	1	12	13.10	14.61	13.12		
5	64QAM	1	24	13.10	14.61	13.12	14.5	0
5	64QAM	12	0	12.10	13.61	12.12		
5	64QAM	12	7	12.10	13.61	12.12	13.5	0
5	64QAM	12	13	12.10	13.61	12.12		
5	64QAM	25	0	11.10	12.61	11.12	13.5	0
5	256QAM	1	0	12.10	13.61	12.12		
5	256QAM	1	12	12.10	13.61	12.12	13.5	0
5	256QAM	1	24	12.10	13.61	12.12		
5	256QAM	12	0	11.10	12.61	11.12	12.5	0
5	256QAM	12	7	11.10	12.61	11.12		
5	256QAM	12	13	11.10	12.61	11.12	12.5	0
5	256QAM	25	0	10.10	11.61	10.12		

Band 2_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				18607	18700	18793		
Frequency (MHz)				1852.5	1862.0	1871.5		
20	QPSK	1	0	17.10	17.62	17.12	19	0
20	QPSK	1	50	17.10	17.62	17.12		
20	QPSK	1	99	17.10	17.62	17.12	19	0
20	QPSK	50	0	16.10	16.61	16.12		
20	QPSK	50	25	16.10	16.61	16.12	18	0
20	QPSK	50	50	16.10	16.61	16.12		
20	QPSK	100	0	15.10	15.61	15.12	18	0
20	16QAM	1	0	16.10	16.61	16.12		
20	16QAM	1	50	16.10	16.61	16.12	18	0
20	16QAM	1	99	16.10	16.61	16.12		
20	16QAM	50	0	15.10	15.61	15.12	17	0
20	16QAM	50	25	15.10	15.61	15.12		
20	16QAM	50	50	15.10	15.61	15.12	17	0
20	16QAM	100	0	14.10	14.61	14.12		
20	64QAM	1	0	15.10	15.61	15.12	17	0
20	64QAM	1	50	15.10	15.61	15.12		
20	64QAM	1	99	15.10	15.61	15.12	17	0
20	64QAM	50	0	14.10	14.61	14.12		
20	64QAM	50	25	14.10	14.61	14.12	16	0
20	64QAM	50	50	14.10	14.61	14.12		
20	64QAM	100	0	13.10	13.61	13.12	16	0
20	256QAM	1	0	14.10	14.61	14.12		
20	256QAM	1	50	14.10	14.61	14.12	16	0
20	256QAM	1	99	14.10	14.61	14.12		
20	256QAM	50	0	13.10	13.61	13.12	15	0
20	256QAM	50	25	13.10	13.61	13.12		
20	256QAM	50	50	13.10	13.61	13.12	15	0
20	256QAM	100	0	12.10	12.61	12.12		
Channel				18615	18707	18799		
Frequency (MHz)				1853.5	1862.7	1871.9		
15	QPSK	1	0	17.10	17.62	17.12	19	0
15	QPSK	1	37	17.10	17.62	17.12		
15	QPSK	1	74	17.10	17.62	17.12	19	0
15	QPSK	36	0	16.10	16.61	16.12		
15	QPSK	36	19	16.10	16.61	16.12	18	0
15	QPSK	36	39	16.10	16.61	16.12		
15	QPSK	75	0	15.10	15.61	15.12	18	0
15	16QAM	1	0	16.10	16.61	16.12		
15	16QAM	1	37	16.10	16.61	16.12	18	0
15	16QAM	1	74	16.10	16.61	16.12		
15	16QAM	36	0	15.10	15.61	15.12	17	0
15	16QAM	36	19	15.10	15.61	15.12		
15	16QAM	36	39	15.10	15.61	15.12	17	0
15	16QAM	75	0	14.10	14.61	14.12		
15	64QAM	1	0	15.10	15.61	15.12	17	0
15	64QAM	1	37	15.10	15.61	15.12		
15	64QAM	1	74	15.10	15.61	15.12	17	0
15	64QAM	36	0	14.10	14.61	14.12		
15	64QAM	36	19	14.10	14.61	14.12	16	0
15	64QAM	36	39	14.10	14.61	14.12		
15	64QAM	75	0	13.10	13.61	13.12	16	0
15	256QAM	1	0	14.10	14.61	14.12		
15	256QAM	1	37	14.10	14.61	14.12	16	0
15	256QAM	1	74	14.10	14.61	14.12		
15	256QAM	36	0	13.10	13.61	13.12	15	0
15	256QAM	36	19	13.10	13.61	13.12		
15	256QAM	36	39	13.10	13.61	13.12	15	0
15	256QAM	75	0	12.10	12.61	12.12		
Channel				18625	18715	18805		
Frequency (MHz)				1854.5	1863.5	1872.5		
10	QPSK	1	0	17.10	17.62	17.12	19	0
10	QPSK	1	25	17.10	17.62	17.12		
10	QPSK	1	49	17.10	17.62	17.12	19	0
10	QPSK	25	0	16.10	16.61	16.12		
10	QPSK	25	13	16.10	16.61	16.12	18	0
10	QPSK	25	25	16.10	16.61	16.12		
10	QPSK	50	0	15.10	15.61	15.12	18	0
10	16QAM	1	0	16.10	16.61	16.12		
10	16QAM	1	25	16.10	16.61	16.12	18	0
10	16QAM	1	49	16.10	16.61	16.12		
10	16QAM	25	0	15.10	15.61	15.12	17	0
10	16QAM	25	13	15.10	15.61	15.12		
10	16QAM	25	25	15.10	15.61	15.12	17	0
10	16QAM	50	0	14.10	14.61	14.12		
10	64QAM	1	0	15.10	15.61	15.12	17	0
10	64QAM	1	25	15.10	15.61	15.12		
10	64QAM	1	49	15.10	15.61	15.12	17	0
10	64QAM	25	0	14.10	14.61	14.12		
10	64QAM	25	13	14.10	14.61	14.12	16	0
10	64QAM	25	25	14.10	14.61	14.12		
10	64QAM	50	0	13.10	13.61	13.12	16	0
10	256QAM	1	0	14.10	14.61	14.12		
10	256QAM	1	25	14.10	14.61	14.12	16	0
10	256QAM	1	49	14.10	14.61	14.12		
10	256QAM	25	0	13.10	13.61	13.12	15	0
10	256QAM	25	13	13.10	13.61	13.12		
10	256QAM	25	25	13.10	13.61	13.12	15	0
10	256QAM	50	0	12.10	12.61	12.12		
Channel				18650	18675	18700		
Frequency (MHz)				1857.0	1859.5	1862.0		
5	QPSK	1	0	17.10	17.62	17.12	19	0
5	QPSK	1	12	17.10	17.62	17.12		
5	QPSK	1	24	17.10	17.62	17.12	19	0
5	QPSK	12	0	16.10	16.61	16.12		
5	QPSK	12	7	16.10	16.61	16.12	18	0
5	QPSK	12	13	16.10	16.61	16.12		
5	QPSK	25	0	15.10	15.61	15.12	18	0
5	16QAM	1	0	16.10	16.61	16.12		
5	16QAM	1	12	16.10	16.61	16.12	18	0
5	16QAM	1	24	16.10	16.61	16.12		
5	16QAM	12	0	15.10	15.61	15.12	17	0
5	16QAM	12	7	15.10	15.61	15.12		
5	16QAM	12	13	15.10	15.61	15.12	17	0
5	16QAM	25	0	14.10	14.61	14.12		
5	64QAM	1	0	15.10	15.61	15.12	17	0
5	64QAM	1	12	15.10	15.61	15.12		
5	64QAM	1	24	15.10	15.61	15.12	17	0
5	64QAM	12	0	14.10	14.61	14.12		
5	64QAM	12	7	14.10	14.61	14.12	16	0
5	64QAM	12	13	14.10	14.61	14.12		
5	64QAM	25	0	13.10	13.61	13.12	16	0
5	256QAM	1	0	14.10	14.61	14.12		
5	256QAM	1	12	14.10	14.61	14.12	16	0
5	256QAM	1	24	14.10	14.61	14.12		
5	256QAM	12	0	13.10	13.61	13.12	15	0
5	256QAM	12	7	13.10	13.61	13.12		
5	256QAM	12	13	13.10	13.61	13.12	15	0
5	256QAM	25	0	12.10	12.61	12.12		

Band 4_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				20007	20175	20343		
Frequency (MHz)				1712.5	1732.5	1752.5		
20	QPSK	1	0	14.10	15.61	14.12	16	0
20	QPSK	1	50	14.10	15.61	14.12		
20	QPSK	1	99	14.10	15.61	14.12	16	0
20	QPSK	50	0	13.10	14.61	13.12		
20	QPSK	50	25	13.10	14.61	13.12	15	0
20	QPSK	50	50	13.10	14.61	13.12		
20	QPSK	100	0	12.10	13.61	12.12	15	0
20	16QAM	1	0	13.10	14.61	13.12		
20	16QAM	1	50	13.10	14.61	13.12	15	0
20	16QAM	1	99	13.10	14.61	13.12		
20	16QAM	50	0	12.10	13.61	12.12	14	0
20	16QAM	50	25	12.10	13.61	12.12		
20	16QAM	50	50	12.10	13.61	12.12	14	0
20	16QAM	100	0	11.10	12.61	11.12		
20	64QAM	1	0	12.10	13.61	12.12	14	0
20	64QAM	1	50	12.10	13.61	12.12		
20	64QAM	1	99	12.10	13.61	12.12	14	0
20	64QAM	50	0	11.10	12.61	11.12		
20	64QAM	50	25	11.10	12.61	11.12	13	0
20	64QAM	50	50	11.10	12.61	11.12		
20	64QAM	100	0	10.10	11.61	10.12	13	0
20	256QAM	1	0	11.10	12.61	11.12		
20	256QAM	1	50	11.10	12.61	11.12	13	0
20	256QAM	1	99	11.10	12.61	11.12		
20	256QAM	50	0	10.10	11.61	10.12	12	0
20	256QAM	50	25	10.10	11.61	10.12		
20	256QAM	50	50	10.10	11.61	10.12	12	0
20	256QAM	100	0	9.10	10.61	9.12		
Channel				20015	20175	20335		
Frequency (MHz)				1713.5	1732.5	1751.5		
15	QPSK	1	0	14.10	15.61	14.12	16	0
15	QPSK	1	37	14.10	15.61	14.12		
15	QPSK	1	74	14.10	15.61	14.12	16	0
15	QPSK	36	0	13.10	14.61	13.12		
15	QPSK	36	19	13.10	14.61	13.12	15	0
15	QPSK	36	39	13.10	14.61	13.12		
15	QPSK	75	0	12.10	13.61	12.12	15	0
15	16QAM	1	0	13.10	14.61	13.12		
15	16QAM	1	37	13.10	14.61	13.12	15	0
15	16QAM	1	74	13.10	14.61	13.12		
15	16QAM	36	0	12.10	13.61	12.12	14	0
15	16QAM	36	19	12.10	13.61	12.12		
15	16QAM	36	39	12.10	13.61	12.12	14	0
15	16QAM	75	0	11.10	12.61	11.12		
15	64QAM	1	0	12.10	13.61	12.12	14	0
15	64QAM	1	37	12.10	13.61	12.12		
15	64QAM	1	74	12.10	13.61	12.12	14	0
15	64QAM	36	0	11.10	12.61	11.12		
15	64QAM	36	19	11.10	12.61	11.12	13	0
15	64QAM	36	39	11.10	12.61	11.12		
15	64QAM	75	0	10.10	11.61	10.12	13	0
15	256QAM	1	0	11.10	12.61	11.12		
15	256QAM	1	37	11.10	12.61	11.12	13	0
15	256QAM	1	74	11.10	12.61	11.12		
15	256QAM	36	0	10.10	11.61	10.12	12	0
15	256QAM	36	19	10.10	11.61	10.12		
15	256QAM	36	39	10.10	11.61	10.12	12	0
15	256QAM	75	0	9.10	10.61	9.12		
Channel				20025	20175	20325		
Frequency (MHz)				1714.5	1732.5	1750.5		
10	QPSK	1	0	14.10	15.61	14.12	16	0
10	QPSK	1	25	14.10	15.61	14.12		
10	QPSK	1	49	14.10	15.61	14.12	16	0
10	QPSK	25	0	13.10	14.61	13.12		
10	QPSK	25	13	13.10	14.61	13.12	15	0
10	QPSK	25	25	13.10	14.61	13.12		
10	QPSK	50	0	12.10	13.61	12.12	15	0
10	16QAM	1	0	13.10	14.61	13.12		
10	16QAM	1	25	13.10	14.61	13.12	15	0
10	16QAM	1	49	13.10	14.61	13.12		
10	16QAM	25	0	12.10	13.61	12.12	14	0
10	16QAM	25	13	12.10	13.61	12.12		
10	16QAM	25	25	12.10	13.61	12.12	14	0
10	16QAM	50	0	11.10	12.61	11.12		
10	64QAM	1	0	12.10	13.61	12.12	14	0
10	64QAM	1	25	12.10	13.61	12.12		
10	64QAM	1	49	12.10	13.61	12.12	14	0
10	64QAM	25	0	11.10	12.61	11.12		
10	64QAM	25	13	11.10	12.61	11.12	13	0
10	64QAM	25	25	11.10	12.61	11.12		
10	64QAM	50	0	10.10	11.61	10.12	13	0
10	256QAM	1	0	11.10	12.61	11.12		
10	256QAM	1	25	11.10	12.61	11.12	13	0
10	256QAM	1	49	11.10	12.61	11.12		
10	256QAM	25	0	10.10	11.61	10.12	12	0
10	256QAM	25	13	10.10	11.61	10.12		
10	256QAM	25	25	10.10	11.61	10.12	12	0
10	256QAM	50	0	9.10	10.61	9.12		
Channel				20050	20175	20300		
Frequency (MHz)				1717.0	1732.5	1748.0		
5	QPSK	1	0	14.10	15.61	14.12	16	0
5	QPSK	1	12	14.10	15.61	14.12		
5	QPSK	1	24	14.10	15.61	14.12	16	0
5	QPSK	12	0	13.10	14.61	13.12		
5	QPSK	12	7	13.10	14.61	13.12	15	0
5	QPSK	12	13	13.10	14.61	13.12		
5	QPSK	25	0	12.10	13.61	12.12	15	0
5	16QAM	1	0	13.10	14.61	13.12		
5	16QAM	1	12	13.10	14.61	13.12	15	0
5	16QAM	1	24	13.10	14.61	13.12		
5	16QAM	12	0	12.10	13.61	12.12	14	0
5	16QAM	12	7	12.10	13.61	12.12		
5	16QAM	12	13	12.10	13.61	12.12	14	0
5	16QAM	25	0	11.10	12.61	11.12		
5	64QAM	1	0	12.10	13.61	12.12	14	0
5	64QAM	1	12	12.10	13.61	12.12		
5	64QAM	1	24	12.10	13.61	12.12	14	0
5	64QAM	12	0	11.10	12.61	11.12		
5	64QAM	12	7	11.10	12.61	11.12	13	0
5	64QAM	12	13	11.10	12.61	11.12		
5	64QAM	25	0	10.10	11.61	10.12	13	0
5	256QAM	1	0	11.10	12.61	11.12		
5	256QAM	1	12	11.10	12.61	11.12	13	0
5	256QAM	1	24	11.10	12.61	11.12		
5	256QAM	12	0	10.10	11.61	10.12	12	0
5	256QAM	12	7	10.10	11.61	10.12		
5	256QAM	12	13	10.10	11.61	10.12	12	0
5	256QAM	25	0	9.10	10.61	9.12		

Band 4_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				20007	20175	20343		
Frequency (MHz)				1712.5	1732.5	1752.5		
20	QPSK	1	0	17.10	18.61	17.12	20	0
20	QPSK	1	50	17.10	18.61	17.12		
20	QPSK	1	99	17.10	18.61	17.12	20	0
20	QPSK	50	0	16.10	17.61	16.12		
20	QPSK	50	25	16.10	17.61	16.12	19	0
20	QPSK	50	50	16.10	17.61	16.12		
20	QPSK	100	0	15

Band 5_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.12	21.27	21.17	22.3	0
10	QPSK	1	25	21.01	20.98	20.94		
10	QPSK	1	49	21.08	21.06	21.11		
10	QPSK	25	0	21.06	21.15	20.99	22.3	0
10	QPSK	25	12	21.04	21.07	20.92		
10	QPSK	25	25	20.97	21.13	20.90		
10	QPSK	50	0	21.09	21.09	20.95		
10	16QAM	1	0	21.03	20.94	21.10	22.3	0
10	16QAM	1	25	20.85	20.87	20.84		
10	16QAM	1	49	21.10	20.90	20.91		
10	16QAM	25	0	20.92	20.84	20.97	22	0.3
10	16QAM	25	12	20.93	20.84	21.00		
10	16QAM	25	25	21.10	20.87	20.92		
10	16QAM	50	0	20.97	20.82	20.86		
10	64QAM	1	0	20.86	21.08	20.94	22	0.3
10	64QAM	1	25	20.89	21.19	21.15		
10	64QAM	1	49	20.78	21.17	21.26		
10	64QAM	25	0	20.07	19.92	19.78	21	1.3
10	64QAM	25	12	19.98	19.96	19.85		
10	64QAM	25	25	19.99	19.93	19.93		
10	64QAM	50	0	20.01	20.04	19.84		
10	256QAM	1	0	17.84	17.69	17.85	19	3.3
10	256QAM	1	25	17.91	17.83	17.79		
10	256QAM	1	49	17.73	17.73	17.88		
10	256QAM	25	0	17.74	17.65	17.71	19	3.3
10	256QAM	25	12	18.00	17.86	17.57		
10	256QAM	25	25	17.93	17.78	17.91		
10	256QAM	50	0	17.91	17.75	17.83		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.00	21.24	20.98	22.3	0
5	QPSK	1	12	20.86	20.78	20.80		
5	QPSK	1	24	20.92	21.05	20.92		
5	QPSK	12	0	20.98	21.03	20.88	22.3	0
5	QPSK	12	7	20.96	20.94	20.73		
5	QPSK	12	13	20.86	21.02	20.89		
5	QPSK	25	0	21.05	21.03	20.82		
5	16QAM	1	0	20.91	20.75	20.96	22.3	0
5	16QAM	1	12	20.72	20.84	20.71		
5	16QAM	1	24	21.00	20.80	20.89		
5	16QAM	12	0	20.79	20.67	20.94	22	0.3
5	16QAM	12	7	20.84	20.65	20.88		
5	16QAM	12	13	21.09	20.87	20.76		
5	16QAM	25	0	20.89	20.64	20.82		
5	64QAM	1	0	20.66	21.05	20.76	22	0.3
5	64QAM	1	12	20.87	21.17	21.07		
5	64QAM	1	24	20.69	21.03	21.16		
5	64QAM	12	0	19.89	19.92	19.75	21	1.3
5	64QAM	12	7	19.92	19.86	19.75		
5	64QAM	12	13	19.80	19.79	19.90		
5	64QAM	25	0	19.89	20.04	19.64		
5	256QAM	1	0	17.71	17.63	17.68	19	3.3
5	256QAM	1	12	17.90	17.76	17.63		
5	256QAM	1	24	17.53	17.57	17.72		
5	256QAM	12	0	17.58	17.59	17.51	19	3.3
5	256QAM	12	7	17.83	17.81	17.41		
5	256QAM	12	13	17.78	17.69	17.73		
5	256QAM	25	0	17.75	17.56	17.81		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.10	21.08	21.05	22.3	0
3	QPSK	1	8	20.81	20.84	20.79		
3	QPSK	1	14	20.98	20.90	21.01		
3	QPSK	8	0	21.04	21.02	20.82	22.3	0
3	QPSK	8	4	20.96	20.91	20.83		
3	QPSK	8	7	20.88	21.11	20.70		
3	QPSK	15	0	21.00	21.06	20.94		
3	16QAM	1	0	21.01	20.81	20.97	22.3	0
3	16QAM	1	8	20.71	20.84	20.75		
3	16QAM	1	14	21.07	20.73	20.74		
3	16QAM	8	0	20.78	20.70	20.80	22	0.3
3	16QAM	8	4	20.80	20.77	20.84		
3	16QAM	8	7	20.93	20.81	20.75		
3	16QAM	15	0	20.79	20.67	20.69		
3	64QAM	1	0	20.73	20.93	20.83	22	0.3
3	64QAM	1	8	20.74	21.01	21.08		
3	64QAM	1	14	20.66	21.16	21.14		
3	64QAM	8	0	19.98	19.87	19.68	21	1.3
3	64QAM	8	4	19.85	19.81	19.85		
3	64QAM	8	7	19.79	19.83	19.74		
3	64QAM	15	0	19.99	19.97	19.84		
3	256QAM	1	0	17.78	17.50	17.74	19	3.3
3	256QAM	1	8	17.73	17.66	17.59		
3	256QAM	1	14	17.70	17.59	17.75		
3	256QAM	8	0	17.57	17.48	17.62	19	3.3
3	256QAM	8	4	17.99	17.66	17.47		
3	256QAM	8	7	17.80	17.78	17.87		
3	256QAM	15	0	17.89	17.55	17.74		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.93	21.17	21.15	22.3	0
1.4	QPSK	1	3	20.94	20.86	20.82		
1.4	QPSK	1	5	20.97	21.01	20.99		
1.4	QPSK	3	0	20.89	20.96	20.93		
1.4	QPSK	3	1	20.93	21.04	20.74		
1.4	QPSK	3	3	20.87	21.06	20.81		
1.4	QPSK	6	0	21.03	21.01	20.90	22.3	0
1.4	16QAM	1	0	20.84	20.74	21.10	22.3	0
1.4	16QAM	1	3	20.78	20.78	20.64		
1.4	16QAM	1	5	21.03	20.89	20.91		
1.4	16QAM	3	0	20.78	20.84	20.77		
1.4	16QAM	3	1	20.78	20.70	20.97		
1.4	16QAM	3	3	21.06	20.81	20.81		
1.4	16QAM	6	0	20.95	20.73	20.73	22	0.3
1.4	64QAM	1	0	20.74	21.00	20.86	22	0.3
1.4	64QAM	1	3	20.79	21.13	21.07		
1.4	64QAM	1	5	20.63	20.98	21.12		
1.4	64QAM	3	0	20.00	19.82	19.77		
1.4	64QAM	3	1	19.86	19.89	19.69		
1.4	64QAM	3	3	19.92	19.80	19.82		
1.4	64QAM	6	0	20.01	20.01	19.65	21	1.3
1.4	256QAM	1	0	17.67	17.58	17.69	19	3.3
1.4	256QAM	1	3	17.81	17.74	17.64		
1.4	256QAM	1	5	17.71	17.61	17.71		
1.4	256QAM	3	0	17.59	17.47	17.57		
1.4	256QAM	3	1	17.98	17.72	17.51		
1.4	256QAM	3	3	17.84	17.71	17.81		
1.4	256QAM	6	0	17.82	17.70	17.81	19	3.3

Band 5_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.95	21.96	21.76	23.2	0
10	QPSK	1	25	21.85	21.83	21.72		
10	QPSK	1	49	21.71	21.90	21.74		
10	QPSK	25	0	21.84	21.85	21.77	23	0.2
10	QPSK	25	12	21.83	21.65	21.76		
10	QPSK	25	25	21.79	21.76	21.75		
10	QPSK	50	0	21.78	21.80	21.62		
10	16QAM	1	0	21.91	21.76	21.65	23	0.2
10	16QAM	1	25	21.82	21.67	21.70		
10	16QAM	1	49	21.62	21.82	21.66		
10	16QAM	25	0	20.70	20.79	20.66	22	1.2
10	16QAM	25	12	20.89	20.70	20.73		
10	16QAM	25	25	20.63	20.80	20.65		
10	16QAM	50	0	20.83	20.72	20.75		
10	64QAM	1	0	20.96	20.92	20.90	22	1.2
10	64QAM	1	25	20.80	20.62	20.52		
10	64QAM	1	49	21.04	20.82	20.77		
10	64QAM	25	0	19.72	19.77	19.73	21	2.2
10	64QAM	25	12	19.88	19.72	19.72		
10	64QAM	25	25	19.83	19.88	19.79		
10	64QAM	50	0	19.83	19.77	19.72		
10	256QAM	1	0	17.68	17.65	17.72	19	4.2
10	256QAM	1	25	17.82	17.61	17.61		
10	256QAM	1	49	17.71	17.84	17.77		
10	256QAM	25	0	17.63	17.70	17.64	19	4.2
10	256QAM	25	12	17.87	17.68	17.62		
10	256QAM	25	25	17.71	17.77	17.76		
10	256QAM	50	0	17.82	17.76	17.66		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.95	21.87	21.75	23.2	0
5	QPSK	1	12	21.83	21.65	21.71		
5	QPSK	1	24	21.66	21.86	21.67		
5	QPSK	12	0	21.65	21.82	21.64	23	0.2
5	QPSK	12	7	21.70	21.57	21.58		
5	QPSK	12	13	21.66	21.57	21.59		
5	QPSK	25	0	21.63	21.79	21.43		
5	16QAM	1	0	21.84	21.76	21.50	23	0.2
5	16QAM	1	12	21.78	21.51	21.66		
5	16QAM	1	24	21.52	21.68	21.54		
5	16QAM	12	0	20.61	20.72	20.63	22	1.2
5	16QAM	12	7	20.73	20.50	20.59		
5	16QAM	12	13	20.59	20.64	20.48		
5	16QAM	25	0	20.65	20.62	20.66		
5	64QAM	1	0	20.86	20.86	20.82	22	1.2
5	64QAM	1	12	20.75	20.50	20.48		
5	64QAM	1	24	20.94	20.74	20.74		
5	64QAM	12	0	19.54	19.60	19.55	21	2.2
5	64QAM	12	7	19.74	19.59	19.60		
5	64QAM	12	13	19.75	19.71	19.65		
5	64QAM	25	0	19.72	19.70	19.52		
5	256QAM	1	0	17.58	17.61	17.71	19	4.2
5	256QAM	1	12	17.63	17.53	17.58		
5	256QAM	1	24	17.68	17.70	17.68		
5	256QAM	12	0	17.63	17.56	17.58	19	4.2
5	256QAM	12	7	17.84	17.59	17.55		
5	256QAM	12	13	17.51	17.73	17.74		
5	256QAM	25	0	17.77	17.57	17.53		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.92	21.77	21.64	23.2	0
3	QPSK	1	8	21.71	21.79	21.53		
3	QPSK	1	14	21.53	21.77	21.73		
3	QPSK	8	0	21.69	21.84	21.69	23	0.2
3	QPSK	8	4	21.66	21.63	21.74		
3	QPSK	8	7	21.68	21.57	21.62		
3	QPSK	15	0	21.66	21.68	21.44		
3	16QAM	1	0	21.81	21.68	21.58	23	0.2
3	16QAM	1	8	21.73	21.62	21.70		
3	16QAM	1	14	21.52	21.65	21.63		
3	16QAM	8	0	20.53	20.65	20.51	22	1.2
3	16QAM	8	4	20.80	20.65	20.65		
3	16QAM	8	7	20.59	20.69	20.46		
3	16QAM	15	0	20.75	20.58	20.75		
3	64QAM	1	0	20.77	20.78	20.81	22	1.2
3	64QAM	1	8	20.79	20.59	20.36		
3	64QAM	1	14	20.95	20.65	20.62		
3	64QAM	8	0	19.59	19.74	19.60	21	2.2
3	64QAM	8	4	19.79	19.68	19.66		
3	64QAM	8	7	19.78	19.74	19.72		
3	64QAM	15	0	19.79	19.68	19.56		
3	256QAM	1	0	17.58	17.65	17.64	19	4.2
3	256QAM	1	8	17.79	17.41	17.43		
3	256QAM	1	14	17.64	17.78	17.58		
3	256QAM	8	0	17.52	17.63	17.44	19	4.2
3	256QAM	8	4	17.74	17.65	17.45		
3	256QAM	8	7	17.53	17.74	17.71		
3	256QAM	15	0	17.66	17.61	17.53		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.84	21.83	21.58	23.2	0
1.4	QPSK	1	3	21.69	21.75	21.66		
1.4	QPSK	1	5	21.66	21.77	21.67		
1.4	QPSK	3	0	21.84	21.77	21.58		
1.4	QPSK	3	1	21.69	21.45	21.65		
1.4	QPSK	3	3	21.70	21.65	21.68		
1.4	QPSK	6	0	21.77	21.65	21.59	23	0.2
1.4	16QAM	1	0	21.77	21.76	21.64	23	0.2
1.4	16QAM	1	3	21.78	21.67	21.53		
1.4	16QAM	1	5	21.62	21.68	21.53		
1.4	16QAM	3	0	20.58	20.64	20.53		
1.4	16QAM	3	1	20.85	20.65	20.65		
1.4	16QAM	3	3	20.63	20.74	20.53		
1.4	16QAM	6	0	20.64	20.62	20.73	22	1.2
1.4	64QAM	1	0	20.91	20.88	20.74	22	1.2
1.4	64QAM	1	3	20.62	20.42	20.48		
1.4	64QAM	1	5	20.90	20.68	20.65		
1.4	64QAM	3	0	19.72	19.74	19.53		
1.4	64QAM	3	1	19.77	19.57	19.65		
1.4	64QAM	3	3	19.75	19.84	19.69		
1.4	64QAM	6	0	19.66	19.63	19.66	21	2.2
1.4	256QAM	1	0	17.59	17.48	17.68	19	4.2
1.4	256QAM	1	3	17.78	17.59	17.53		
1.4	256QAM	1	5	17.64	17.69	17.59		
1.4	256QAM	3	0	17.46	17.64	17.44		
1.4	256QAM	3	1	17.74	17.57	17.53		
1.4	256QAM	3	3	17.62	17.63	17.64		
1.4	256QAM	6	0	17.69	17.74	17.62	19	4.2

Band 7_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.62	16.95	16.69	17.8	0
20	QPSK	1	49	16.94	16.74	16.91		
20	QPSK	1	99	16.92	16.74	16.89		
20	QPSK	50	0	16.67	16.92	16.70	17.8	0
20	QPSK	50	24	16.60	16.74	16.48		
20	QPSK	50	50	16.85	16.62	16.86		
20	QPSK	100	0	16.90	16.91	16.82		
20	16QAM	1	0	16.58	16.65	16.59	17.8	0
20	16QAM	1	49	16.60	16.90	16.56		
20	16QAM	1	99	16.87	16.62	16.82		
20	16QAM	50	0	16.90	16.73	16.79	17.8	0
20	16QAM	50	24	16.62	16.65	16.58		
20	16QAM	50	50	16.60	16.94	16.52		
20	16QAM	100	0	16.91	16.64	16.83		
20	64QAM	1	0	16.87	16.66	16.82	17.8	0
20	64QAM	1	49	16.57	16.63	16.58		
20	64QAM	1	99	16.52	16.88	16.46		
20	64QAM	50	0	16.82	16.66	16.86	17.8	0
20	64QAM	50	24	16.85	16.62	16.81		
20	64QAM	50	50	16.64	16.67	16.68		
20	64QAM	100	0	16.53	16.93	16.45		
20	256QAM	1	0	16.85	16.65	16.83	17.8	0
20	256QAM	1	49	16.88	16.73	16.86		
20	256QAM	1	99	16.51	16.91	16.55		
20	256QAM	50	0	16.50	16.91	16.47	17.8	0
20	256QAM	50	24	16.83	16.67	16.83		
20	256QAM	50	50	16.91	16.73	16.86		
20	256QAM	100	0	16.58	16.70	16.59		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.50	16.85	16.48	17.8	0
15	QPSK	1	37	16.92	16.67	16.89		
15	QPSK	1	74	16.88	16.67	16.88		
15	QPSK	36	0	16.63	16.66	16.69	17.8	0
15	QPSK	36	20	16.57	16.87	16.37		
15	QPSK	36	39	16.73	16.57	16.84		
15	QPSK	75	0	16.88	16.83	16.79		
15	16QAM	1	0	16.51	16.59	16.50	17.8	0
15	16QAM	1	37	16.59	16.82	16.47		
15	16QAM	1	74	16.80	16.59	16.76		
15	16QAM	36	0	16.85	16.66	16.78	17.8	0
15	16QAM	36	20	16.57	16.58	16.54		
15	16QAM	36	39	16.53	16.87	16.47		
15	16QAM	75	0	16.84	16.52	16.76		
15	64QAM	1	0	16.77	16.64	16.72	17.8	0
15	64QAM	1	37	16.53	16.56	16.57		
15	64QAM	1	74	16.47	16.80	16.36		
15	64QAM	36	0	16.79	16.65	16.75	17.8	0
15	64QAM	36	20	16.81	16.55	16.75		
15	64QAM	36	39	16.62	16.60	16.65		
15	64QAM	75	0	16.46	16.88	16.35		
15	256QAM	1	0	16.75	16.60	16.79	17.8	0
15	256QAM	1	37	16.87	16.64	16.84		
15	256QAM	1	74	16.46	16.90	16.51		
15	256QAM	36	0	16.42	16.82	16.43	17.8	0
15	256QAM	36	20	16.79	16.66	16.71		
15	256QAM	36	39	16.79	16.61	16.79		
15	256QAM	75	0	16.52	16.69	16.54		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.50	16.85	16.55	17.8	0
10	QPSK	1	25	16.83	16.67	16.88		
10	QPSK	1	49	16.80	16.73	16.81		
10	QPSK	25	0	16.58	16.67	16.69	17.8	0
10	QPSK	25	12	16.58	16.88	16.42		
10	QPSK	25	25	16.84	16.52	16.77		
10	QPSK	50	0	16.83	16.84	16.78		
10	16QAM	1	0	16.46	16.59	16.47	17.8	0
10	16QAM	1	25	16.50	16.83	16.47		
10	16QAM	1	49	16.83	16.52	16.72		
10	16QAM	25	0	16.84	16.69	16.75	17.8	0
10	16QAM	25	12	16.60	16.58	16.47		
10	16QAM	25	25	16.56	16.87	16.50		
10	16QAM	50	0	16.84	16.55	16.82		
10	64QAM	1	0	16.75	16.55	16.70	17.8	0
10	64QAM	1	25	16.46	16.51	16.47		
10	64QAM	1	49	16.46	16.83	16.36		
10	64QAM	25	0	16.75	16.62	16.84	17.8	0
10	64QAM	25	12	16.77	16.51	16.69		
10	64QAM	25	25	16.60	16.62	16.61		
10	64QAM	50	0	16.47	16.83	16.37		
10	256QAM	1	0	16.77	16.63	16.71	17.8	0
10	256QAM	1	25	16.76	16.63	16.83		
10	256QAM	1	49	16.45	16.86	16.46		
10	256QAM	25	0	16.41	16.83	16.45	17.8	0
10	256QAM	25	12	16.78	16.62	16.75		
10	256QAM	25	25	16.84	16.61	16.81		
10	256QAM	50	0	16.50	16.60	16.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.50	16.85	16.55	17.8	0
5	QPSK	1	12	16.85	16.73	16.90		
5	QPSK	1	24	16.91	16.62	16.84		
5	QPSK	12	0	16.58	16.73	16.68	17.8	0
5	QPSK	12	7	16.55	16.81	16.39		
5	QPSK	12	13	16.79	16.61	16.74		
5	QPSK	25	0	16.87	16.86	16.74		
5	16QAM	1	0	16.54	16.56	16.48	17.8	0
5	16QAM	1	12	16.59	16.78	16.47		
5	16QAM	1	24	16.75	16.53	16.76		
5	16QAM	12	0	16.85	16.69	16.71	17.8	0
5	16QAM	12	7	16.57	16.56	16.48		
5	16QAM	12	13	16.58	16.91	16.49		
5	16QAM	25	0	16.85	16.57	16.77		
5	64QAM	1	0	16.86	16.64	16.75	17.8	0
5	64QAM	1	12	16.49	16.61	16.54		
5	64QAM	1	24	16.45	16.79	16.41		
5	64QAM	12	0	16.70	16.57	16.81	17.8	0
5	64QAM	12	7	16.84	16.56	16.70		
5	64QAM	12	13	16.54	16.56	16.64		
5	64QAM	25	0	16.52	16.84	16.39		
5	256QAM	1	0	16.84	16.57	16.76	17.8	0
5	256QAM	1	12	16.86	16.68	16.80		
5	256QAM	1	24	16.50	16.79	16.49		
5	256QAM	12	0	16.38	16.90	16.44	17.8	0
5	256QAM	12	7	16.73	16.64	16.71		
5	256QAM	12	13	16.82	16.68	16.83		
5	256QAM	25	0	16.50	16.69	16.54		

Band 7_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.81	14.87	14.86	16	0
20	QPSK	1	49	14.73	14.83	14.70		
20	QPSK	1	99	14.66	14.80	14.74		
20	QPSK	50	0	14.72	14.83	14.82	16	0
20	QPSK	50	24	14.65	14.82	14.76		
20	QPSK	50	50	14.64	14.72	14.66		
20	QPSK	100	0	14.79	14.81	14.74		
20	16QAM	1	0	14.63	14.81	14.60	16	0
20	16QAM	1	49	14.52	14.67	14.64		
20	16QAM	1	99	14.75	14.74	14.72		
20	16QAM	50	0	14.62	14.78	14.59	16	0
20	16QAM	50	24	14.48	14.74	14.68		
20	16QAM	50	50	14.66	14.80	14.82		
20	16QAM	100	0	14.57	14.69	14.62		
20	64QAM	1	0	14.62	14.70	14.68	16	0
20	64QAM	1	49	14.80	14.79	14.78		
20	64QAM	1	99	14.72	14.67	14.63		
20	64QAM	50	0	14.53	14.75	14.64	16	0
20	64QAM	50	24	14.64	14.83	14.84		
20	64QAM	50	50	14.55	14.70	14.58		
20	64QAM	100	0	14.55	14.67	14.60		
20	256QAM	1	0	14.71	14.75	14.75	16	0
20	256QAM	1	49	14.69	14.68	14.62		
20	256QAM	1	99	14.55	14.67	14.68		
20	256QAM	50	0	14.70	14.81	14.81	16	0
20	256QAM	50	24	14.75	14.86	14.70		
20	256QAM	50	50	14.57	14.68	14.52		
20	256QAM	100	0	14.54	14.76	14.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.66	14.83	14.74	16	0
15	QPSK	1	37	14.65	14.81	14.59		
15	QPSK	1	74	14.48	14.72	14.64		
15	QPSK	36	0	14.64	14.68	14.72	16	0
15	QPSK	36	20	14.55	14.67	14.50		
15	QPSK	36	39	14.54	14.65	14.65		
15	QPSK	75	0	14.69	14.73	14.71		
15	16QAM	1	0	14.55	14.80	14.44	16	0
15	16QAM	1	37	14.36	14.64	14.56		
15	16QAM	1	74	14.69	14.69	14.65		
15	16QAM	36	0	14.52	14.68	14.53	16	0
15	16QAM	36	20	14.46	14.71	14.57		
15	16QAM	36	39	14.61	14.76	14.74		
15	16QAM	75	0	14.49	14.67	14.53		
15	64QAM	1	0	14.45	14.64	14.63	16	0
15	64QAM	1	37	14.75	14.62	14.72		
15	64QAM	1	74	14.59	14.51	14.55		
15	64QAM	36	0	14.38	14.68	14.59	16	0
15	64QAM	36	20	14.53	14.77	14.69		
15	64QAM	36	39	14.41	14.68	14.57		
15	64QAM	75	0	14.41	14.54	14.58		
15	256QAM	1	0	14.66	14.67	14.70	16	0
15	256QAM	1	37	14.63	14.50	14.57		
15	256QAM	1	74	14.54	14.55	14.55		
15	256QAM	36	0	14.52	14.69	14.73	16	0
15	256QAM	36	20	14.62	14.79	14.62		
15	256QAM	36	39	14.55	14.63	14.47		
15	256QAM	75	0	14.42	14.66	14.59		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.67	14.71	14.82	16	0
10	QPSK	1	25	14.72	14.67	14.63		
10	QPSK	1	49	14.50	14.73	14.71		
10	QPSK	25	0	14.63	14.72	14.69	16	0
10	QPSK	25	12	14.58	14.72	14.45		
10	QPSK	25	25	14.63	14.61	14.48		
10	QPSK	50	0	14.61	14.74	14.60		
10	16QAM	1	0	14.58	14.63	14.56	16	0
10	16QAM	1	25	14.39	14.66	14.46		
10	16QAM	1	49	14.68	14.59	14.59		
10	16QAM	25	0	14.47	14.64	14.43	16	0
10	16QAM	25	12	14.45	14.69	14.53		
10	16QAM	25	25	14.57	14.70	14.64		
10	16QAM	50	0	14.43	14.54	14.49		
10	64QAM	1	0	14.51	14.62	14.66	16	0
10	64QAM	1	25	14.65	14.62	14.75		
10	64QAM	1	49	14.59	14.60	14.51		
10	64QAM	25	0	14.39	14.63	14.53	16	0
10	64QAM	25	12	14.54	14.78	14.73		
10	64QAM	25	25	14.37	14.69	14.48		
10	64QAM	50	0	14.51	14.65	14.43		
10	256QAM	1	0	14.62	14.74	14.65	16	0
10	256QAM	1	25	14.57	14.51	14.55		
10	256QAM	1	49	14.51	14.53	14.64		
10	256QAM	25	0	14.68	14.72	14.65	16	0
10	256QAM	25	12	14.58	14.70	14.60		
10	256QAM	25	25	14.41	14.53	14.36		
10	256QAM	50	0	14.45	14.63	14.60		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.78	14.86	14.72	16	0
5	QPSK	1	12	14.62	14.67	14.60		
5	QPSK	1	24	14.55	14.70	14.57		
5	QPSK	12	0	14.65	14.80	14.76	16	0
5	QPSK	12	7	14.61	14.65	14.42		
5	QPSK	12	13	14.51	14.61	14.62		
5	QPSK	25	0	14.67	14.73	14.64		
5	16QAM	1	0	14.56	14.71	14.51	16	0
5	16QAM	1	12	14.47	14.60	14.59		
5	16QAM	1	24	14.65	14.67	14.69		
5	16QAM	12	0	14.52	14.67	14.50	16	0
5	16QAM	12	7	14.42	14.63	14.65		
5	16QAM	12	13	14.53	14.71	14.68		
5	16QAM	25	0	14.49	14.59	14.51		
5	64QAM	1	0	14.49	14.56	14.62	16	0
5	64QAM	1	12	14.69	14.67	14.73		
5	64QAM	1	24	14.66	14.52	14.52		
5	64QAM	12	0	14.35	14.73	14.46	16	0
5	64QAM	12	7	14.60	14.79	14.70		
5	64QAM	12	13	14.43	14.69	14.52		
5	64QAM	25	0	14.51	14.54	14.52		
5	256QAM	1	0	14.63	14.73	14.66	16	0
5	256QAM	1	12	14.58	14.55	14.46		
5	256QAM	1	24	14.44	14.50	14.62		
5	256QAM	12	0	14.52	14.77	14.65	16	0
5	256QAM	12	7	14.71	14.82	14.68		
5	256QAM	12	13	14.48	14.51	14.39		
5	256QAM	25	0	14.39	14.64	14.52		

Band 12_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.09	23.14	23.12	24	0
10	QPSK	1	25	23.06	23.05	23.05		
10	QPSK	1	49	23.06	23.06	23.10		
10	QPSK	25	0	22.16	22.19	22.17	23	1
10	QPSK	25	12	22.12	22.10	22.10		
10	QPSK	25	25	22.15	22.18	22.15		
10	QPSK	50	0	22.11	22.18	22.07		
10	16QAM	1	0	22.28	22.40	22.39	23	1
10	16QAM	1	25	22.38	22.39	22.35		
10	16QAM	1	49	22.42	22.46	22.42		
10	16QAM	25	0	21.14	21.08	21.11	22	2
10	16QAM	25	12	21.15	21.21	21.14		
10	16QAM	25	25	21.19	21.19	21.15		
10	16QAM	50	0	21.10	21.20	21.10		
10	64QAM	1	0	21.21	21.29	21.23	22	2
10	64QAM	1	25	21.25	21.26	21.23		
10	64QAM	1	49	21.29	21.40	21.29		
10	64QAM	25	0	20.16	20.12	20.15	21	3
10	64QAM	25	12	20.18	20.20	20.13		
10	64QAM	25	25	20.25	20.22	20.21		
10	64QAM	50	0	20.15	20.22	20.10		
10	256QAM	1	0	17.98	18.09	18.04	19	5
10	256QAM	1	25	17.97	18.07	18.03		
10	256QAM	1	49	18.05	18.14	18.02		
10	256QAM	25	0	17.98	18.01	17.99	19	5
10	256QAM	25	12	17.90	18.02	17.95		
10	256QAM	25	25	17.98	18.06	18.05		
10	256QAM	50	0	17.91	17.98	17.97		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.03	23.04	24	0
5	QPSK	1	12	23.05	23.06	23.10		
5	QPSK	1	24	23.03	23.08	23.08		
5	QPSK	12	0	22.10	22.06	22.01	23	1
5	QPSK	12	7	22.13	22.09	22.03		
5	QPSK	12	13	22.09	22.12	22.05		
5	QPSK	25	0	22.13	22.06	22.00		
5	16QAM	1	0	22.33	22.37	22.39	23	1
5	16QAM	1	12	22.33	22.32	22.44		
5	16QAM	1	24	22.39	22.45	22.32		
5	16QAM	12	0	21.17	21.10	21.05	22	2
5	16QAM	12	7	21.19	21.11	21.07		
5	16QAM	12	13	21.10	21.15	21.09		
5	16QAM	25	0	21.12	21.04	21.03		
5	64QAM	1	0	21.15	21.17	21.19	22	2
5	64QAM	1	12	21.22	21.22	21.17		
5	64QAM	1	24	21.24	21.26	21.21		
5	64QAM	12	0	20.15	20.13	20.03	21	3
5	64QAM	12	7	20.20	20.12	20.08		
5	64QAM	12	13	20.10	20.15	20.09		
5	64QAM	25	0	20.09	20.07	20.03		
5	256QAM	1	0	17.97	18.07	17.99	19	5
5	256QAM	1	12	17.92	18.01	17.94		
5	256QAM	1	24	18.01	18.07	18.00		
5	256QAM	12	0	17.89	17.89	17.93	19	5
5	256QAM	12	7	17.80	17.95	17.91		
5	256QAM	12	13	17.92	18.01	18.01		
5	256QAM	25	0	17.86	17.97	17.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.04	22.99	24	0
3	QPSK	1	8	23.08	23.09	23.10		
3	QPSK	1	14	22.96	23.01	22.98		
3	QPSK	8	0	22.12	22.04	21.99	23	1
3	QPSK	8	4	22.12	22.05	22.10		
3	QPSK	8	7	22.07	22.07	21.99		
3	QPSK	15	0	22.08	22.03	21.95		
3	16QAM	1	0	22.34	22.40	22.31	23	1
3	16QAM	1	8	22.49	22.43	22.43		
3	16QAM	1	14	22.27	22.34	22.32		
3	16QAM	8	0	21.14	21.07	21.03	22	2
3	16QAM	8	4	21.19	21.08	21.16		
3	16QAM	8	7	21.09	21.13	21.04		
3	16QAM	15	0	21.12	21.04	21.02		
3	64QAM	1	0	21.34	21.20	21.12	22	2
3	64QAM	1	8	21.34	21.36	21.26		
3	64QAM	1	14	21.17	21.25	21.22		
3	64QAM	8	0	20.20	20.13	20.04	21	3
3	64QAM	8	4	20.19	20.11	20.13		
3	64QAM	8	7	20.15	20.12	20.06		
3	64QAM	15	0	20.11	20.08	20.04		
3	256QAM	1	0	17.88	17.97	17.95	19	5
3	256QAM	1	8	17.88	18.00	17.94		
3	256QAM	1	14	17.99	18.10	17.91		
3	256QAM	8	0	17.96	17.97	17.91	19	5
3	256QAM	8	4	17.81	17.96	17.91		
3	256QAM	8	7	17.93	18.01	17.99		
3	256QAM	15	0	17.83	17.87	17.85		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	23.02	22.90	24	0
1.4	QPSK	1	3	23.06	23.06	23.01		
1.4	QPSK	1	5	22.92	23.00	22.97		
1.4	QPSK	3	0	22.99	22.94	22.86		
1.4	QPSK	3	1	22.94	23.00	22.92		
1.4	QPSK	3	3	22.80	22.93	22.92		
1.4	QPSK	6	0	21.97	21.95	21.87	23	1
1.4	16QAM	1	0	22.29	22.39	22.21	23	1
1.4	16QAM	1	3	22.48	22.33	22.33		
1.4	16QAM	1	5	22.15	22.23	22.29		
1.4	16QAM	3	0	22.23	22.33	22.17		
1.4	16QAM	3	1	22.41	22.23	22.28		
1.4	16QAM	3	3	22.06	22.17	22.27		
1.4	16QAM	6	0	21.03	20.96	20.95	22	2
1.4	64QAM	1	0	21.25	21.17	21.11	22	2
1.4	64QAM	1	3	21.33	21.28	21.21		
1.4	64QAM	1	5	21.10	21.20	21.12		
1.4	64QAM	3	0	21.21	21.11	21.01		
1.4	64QAM	3	1	21.31	21.18	21.16		
1.4	64QAM	3	3	20.98	21.16	21.10		
1.4	64QAM	6	0	20.10	20.03	20.00	21	3
1.4	256QAM	1	0	17.86	17.92	17.88	19	5
1.4	256QAM	1	3	17.79	17.91	17.93		
1.4	256QAM	1	5	17.89	17.98	17.85		
1.4	256QAM	3	0	17.91	17.92	17.84		
1.4	256QAM	3	1	17.70	17.85	17.90		
1.4	256QAM	3	3	17.88	17.95	17.92		
1.4	256QAM	6	0	17.74	17.85	17.75	19	5

Band 12_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.73	22.82	22.74	24	0
10	QPSK	1	25	22.69	22.68	22.68		
10	QPSK	1	49	22.71	22.71	22.73		
10	QPSK	25	0	21.79	21.81	21.75	23	1
10	QPSK	25	12	21.77	21.72	21.70		
10	QPSK	25	25	21.77	21.73	21.73		
10	QPSK	50	0	21.75	21.76	21.70		
10	16QAM	1	0	22.00	21.96	21.96	23	1
10	16QAM	1	25	22.01	22.08	22.04		
10	16QAM	1	49	22.10	22.06	22.04		
10	16QAM	25	0	20.71	20.71	20.75	22	2
10	16QAM	25	12	20.80	20.74	20.75		
10	16QAM	25	25	20.79	20.81	20.80		
10	16QAM	50	0	20.79	20.70	20.69		
10	64QAM	1	0	20.89	20.78	20.83	22	2
10	64QAM	1	25	20.89	20.94	20.91		
10	64QAM	1	49	20.95	21.01	20.91		
10	64QAM	25	0	19.73	19.75	19.73	21	3
10	64QAM	25	12	19.82	19.76	19.76		
10	64QAM	25	25	19.81	19.85	19.85		
10	64QAM	50	0	19.80	19.71	19.69		
10	256QAM	1	0	17.47	17.49	17.49	19	5
10	256QAM	1	25	17.57	17.60	17.68		
10	256QAM	1	49	17.48	17.43	17.44		
10	256QAM	25	0	17.53	17.50	17.51	19	5
10	256QAM	25	12	17.53	17.45	17.44		
10	256QAM	25	25	17.51	17.54	17.54		
10	256QAM	50	0	17.64	17.56	17.63		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.62	22.60	22.64	24	0
5	QPSK	1	12	22.59	22.70	22.73		
5	QPSK	1	24	22.68	22.70	22.69		
5	QPSK	12	0	21.75	21.68	21.62	23	1
5	QPSK	12	7	21.74	21.73	21.65		
5	QPSK	12	13	21.72	21.73	21.70		
5	QPSK	25	0	21.71	21.65	21.61		
5	16QAM	1	0	21.93	21.99	22.01	23	1
5	16QAM	1	12	22.07	21.98	22.00		
5	16QAM	1	24	22.06	22.02	22.00		
5	16QAM	12	0	20.78	20.71	20.67	22	2
5	16QAM	12	7	20.76	20.69	20.66		
5	16QAM	12	13	20.74	20.77	20.72		
5	16QAM	25	0	20.72	20.70	20.67		
5	64QAM	1	0	20.77	20.84	20.83	22	2
5	64QAM	1	12	20.81	20.82	20.83		
5	64QAM	1	24	20.89	20.90	20.83		
5	64QAM	12	0	19.80	19.73	19.71	21	3
5	64QAM	12	7	19.79	19.74	19.75		
5	64QAM	12	13	19.71	19.73	19.74		
5	64QAM	25	0	19.75	19.74	19.66		
5	256QAM	1	0	17.39	17.49	17.46	19	5
5	256QAM	1	12	17.56	17.63	17.66		
5	256QAM	1	24	17.53	17.46	17.43		
5	256QAM	12	0	17.58	17.56	17.54	19	5
5	256QAM	12	7	17.57	17.51	17.55		
5	256QAM	12	13	17.57	17.62	17.54		
5	256QAM	25	0	17.56	17.55	17.56		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.54	22.52	22.50	24	0
3	QPSK	1	8	22.68	22.68	22.67		
3	QPSK	1	14	22.54	22.56	22.54		
3	QPSK	8	0	21.61	21.56	21.49	23	1
3	QPSK	8	4	21.64	21.53	21.54		
3	QPSK	8	7	21.64	21.59	21.64		
3	QPSK	15	0	21.50	21.58	21.60		
3	16QAM	1	0	21.92	21.95	21.92	23	1
3	16QAM	1	8	21.99	21.92	21.94		
3	16QAM	1	14	21.99	21.99	21.98		
3	16QAM	8	0	20.66	20.52	20.66	22	2
3	16QAM	8	4	20.59	20.53	20.61		
3	16QAM	8	7	20.70	20.65	20.67		
3	16QAM	15	0	20.57	20.66	20.63		
3	64QAM	1	0	20.68	20.80	20.77	22	2
3	64QAM	1	8	20.69	20.74	20.74		
3	64QAM	1	14	20.71	20.69	20.78		
3	64QAM	8	0	19.62	19.62	19.62	21	3
3	64QAM	8	4	19.65	19.73	19.66		
3	64QAM	8	7	19.66	19.71	19.71		
3	64QAM	15	0	19.56	19.61	19.57		
3	256QAM	1	0	17.26	17.33	17.36	19	5
3	256QAM	1	8	17.55	17.65	17.51		
3	256QAM	1	14	17.34	17.34	17.35		
3	256QAM	8	0	17.49	17.35	17.52	19	5
3	256QAM	8	4	17.37	17.41	17.36		
3	256QAM	8	7	17.43	17.43	17.38		
3	256QAM	15	0	17.54	17.42	17.54		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.52	22.44	22.49	24	0
1.4	QPSK	1	3	22.42	22.45	22.45		
1.4	QPSK	1	5	22.43	22.46	22.43		
1.4	QPSK	3	0	22.53	22.52	22.51		
1.4	QPSK	3	1	22.52	22.52	22.57		
1.4	QPSK	3	3	22.54	22.52	22.54		
1.4	QPSK	6	0	21.65	21.56	21.56	23	1
1.4	16QAM	1	0	21.79	21.73	21.82	23	1
1.4	16QAM	1	3	21.85	21.81	21.73		
1.4	16QAM	1	5	21.75	21.83	21.85		
1.4	16QAM	3	0	21.80	21.75	21.69		
1.4	16QAM	3	1	21.79	21.68	21.81		
1.4	16QAM	3	3	21.80	21.68	21.80		
1.4	16QAM	6	0	20.61	20.62	20.73	22	2
1.4	64QAM	1	0	20.86	20.83	20.83	22	2
1.4	64QAM	1	3	20.86	20.87	20.87		
1.4	64QAM	1	5	20.87	20.75	20.75		
1.4	64QAM	3	0	20.63	20.63	20.66		
1.4	64QAM	3	1	20.66	20.70	20.67		
1.4	64QAM	3	3	20.67	20.65	20.64		
1.4	64QAM	6	0	19.56	19.59	19.60	21	3
1.4	256QAM	1	0	17.67	17.54	17.53	19	5
1.4	256QAM	1	3	17.62	17.55	17.71		
1.4	256QAM	1	5	17.52	17.63	17.56		
1.4	256QAM	3	0	17.64	17.72	17.65		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.62	17.76	17.65		
1.4	256QAM	6	0	17.78	17.66	17.68	19	5

Band 13_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		22.5	0
10	QPSK	1	25		21.47			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.62		22.5	0
10	QPSK	25	12		21.48			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.65			
10	16QAM	1	0		21.92		22.5	0
10	16QAM	1	25		21.47			
10	16QAM	1	49		21.57			
10	16QAM	25	0		20.99		22	0.5
10	16QAM	25	12		20.94			
10	16QAM	25	25		21.03			
10	16QAM	50	0		20.98			
10	64QAM	1	0		21.07		22	0.5
10	64QAM	1	25		21.11			
10	64QAM	1	49		21.15			
10	64QAM	25	0		20.00		21	1.5
10	64QAM	25	12		20.07			
10	64QAM	25	25		20.08			
10	64QAM	50	0		20.06			
10	256QAM	1	0		17.95		19	3.5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.85			
10	256QAM	25	0		17.86		19	3.5
10	256QAM	25	12		17.88			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.84			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.44	21.48	21.49	22.5	0
5	QPSK	1	12	21.35	21.38	21.36		
5	QPSK	1	24	21.43	21.49	21.48		
5	QPSK	12	0	21.58	21.57	21.54	22.5	0
5	QPSK	12	7	21.47	21.47	21.41		
5	QPSK	12	13	21.42	21.46	21.46		
5	QPSK	25	0	21.59	21.60	21.59		
5	16QAM	1	0	21.90	21.87	21.86	22.5	0
5	16QAM	1	12	21.45	21.37	21.42		
5	16QAM	1	24	21.53	21.51	21.51		
5	16QAM	12	0	20.92	20.94	20.90	22	0.5
5	16QAM	12	7	21.04	21.00	20.96		
5	16QAM	12	13	20.98	21.05	21.07		
5	16QAM	25	0	21.05	20.98	20.93		
5	64QAM	1	0	21.02	21.10	21.22	22	0.5
5	64QAM	1	12	21.15	21.11	21.19		
5	64QAM	1	24	21.20	21.17	21.14		
5	64QAM	12	0	20.00	20.00	19.91	21	1.5
5	64QAM	12	7	20.02	20.06	20.05		
5	64QAM	12	13	19.98	20.00	20.03		
5	64QAM	25	0	20.03	19.90	19.99		
5	256QAM	1	0	17.84	17.90	17.87	19	3.5
5	256QAM	1	12	17.91	17.96	17.87		
5	256QAM	1	24	17.94	17.82	17.89		
5	256QAM	12	0	17.87	17.89	17.94	19	3.5
5	256QAM	12	7	18.06	17.86	18.03		
5	256QAM	12	13	17.97	17.93	18.00		
5	256QAM	25	0	17.99	17.89	17.88		

Band 13_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.33		24	0
10	QPSK	1	25		23.31			
10	QPSK	1	49		23.32			
10	QPSK	25	0		21.74		23	1
10	QPSK	25	12		21.67			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.91		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.43			
10	16QAM	25	0		20.82		22	2
10	16QAM	25	12		20.83			
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.69			
10	64QAM	1	0		20.83		22	2
10	64QAM	1	25		20.98			
10	64QAM	1	49		21.07			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.72			
10	64QAM	25	25		19.82			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.82		19	5
10	256QAM	1	25		18.72			
10	256QAM	1	49		18.82			
10	256QAM	25	0		18.82		19	5
10	256QAM	25	12		18.72			
10	256QAM	25	25		18.82			
10	256QAM	50	0		18.81			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.46	23.57	23.52	24	0
5	QPSK	1	12	23.40	23.79	23.53		
5	QPSK	1	24	23.39	23.39	23.28		
5	QPSK	12	0	21.75	21.60	21.70	23	1
5	QPSK	12	7	21.85	21.68	21.80		
5	QPSK	12	13	21.76	21.68	21.73		
5	QPSK	25	0	21.88	21.65	21.70		
5	16QAM	1	0	22.28	21.68	22.40	23	1
5	16QAM	1	12	21.94	21.62	22.16		
5	16QAM	1	24	21.94	21.78	22.35		
5	16QAM	12	0	20.76	20.77	20.70	22	2
5	16QAM	12	7	20.84	20.86	20.83		
5	16QAM	12	13	20.86	20.85	20.78		
5	16QAM	25	0	20.83	20.67	20.80		
5	64QAM	1	0	21.13	21.08	21.12	22	2
5	64QAM	1	12	21.06	21.03	21.00		
5	64QAM	1	24	20.99	21.16	20.96		
5	64QAM	12	0	19.75	19.86	19.61	21	3
5	64QAM	12	7	19.72	19.75	19.84		
5	64QAM	12	13	19.75	19.95	19.79		
5	64QAM	25	0	19.90	19.81	19.82		
5	256QAM	1	0	18.79	18.81	18.76	19	5
5	256QAM	1	12	18.63	18.68	18.61		
5	256QAM	1	24	18.72	18.74	18.76		
5	256QAM	12	0	18.79	18.72	18.72	19	5
5	256QAM	12	7	18.69	18.62	18.64		
5	256QAM	12	13	18.72	18.72	18.70		
5	256QAM	25	0	18.71	18.79	18.80		

Band 14_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.64		22.5	0
10	QPSK	1	25		21.54			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		22.5	0
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.57			
10	16QAM	1	0		21.56		22.5	0
10	16QAM	1	25		21.55			
10	16QAM	1	49		21.40			
10	16QAM	25	0		20.96		22	0.5
10	16QAM	25	12		21.07			
10	16QAM	25	25		21.06			
10	16QAM	50	0		20.93			
10	64QAM	1	0		21.12		22	0.5
10	64QAM	1	25		21.10			
10	64QAM	1	49		21.13			
10	64QAM	25	0		19.98		21	1.5
10	64QAM	25	12		20.09			
10	64QAM	25	25		20.12			
10	64QAM	50	0		20.01			
10	256QAM	1	0		17.91		19	3.5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.95		19	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.06			
10	256QAM	50	0		17.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.58	21.52	21.54	22.5	0
5	QPSK	1	12	21.33	21.32	21.33		
5	QPSK	1	24	21.50	21.53	21.55		
5	QPSK	12	0	21.59	21.61	21.59	22.5	0
5	QPSK	12	7	21.48	21.52	21.54		
5	QPSK	12	13	21.45	21.40	21.44		
5	QPSK	25	0	21.47	21.49	21.56		
5	16QAM	1	0	21.49	21.57	21.51	22.5	0
5	16QAM	1	12	21.39	21.46	21.52		
5	16QAM	1	24	21.35	21.33	21.36		
5	16QAM	12	0	20.90	20.94	20.89	22	0.5
5	16QAM	12	7	20.80	20.84	20.78		
5	16QAM	12	13	20.66	20.72	20.71		
5	16QAM	25	0	20.83	20.94	20.83		
5	64QAM	1	0	21.03	21.02	20.98	22	0.5
5	64QAM	1	12	21.08	21.11	21.10		
5	64QAM	1	24	21.09	21.10	21.05		
5	64QAM	12	0	20.01	20.01	19.91	21	1.5
5	64QAM	12	7	19.67	19.68	19.68		
5	64QAM	12	13	19.73	19.77	19.77		
5	64QAM	25	0	19.91	19.93	19.87		
5	256QAM	1	0	17.98	17.97	17.93	19	3.5
5	256QAM	1	12	17.52	17.57	17.60		
5	256QAM	1	24	17.59	17.66	17.60		
5	256QAM	12	0	17.87	17.88	17.88	19	3.5
5	256QAM	12	7	17.55	17.56	17.50		
5	256QAM	12	13	17.73	17.73	17.65		
5	256QAM	25	0	17.84	17.83	17.85		

Band 14_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.70			
10	QPSK	1	49		22.66			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.78			
10	QPSK	25	25		21.81			
10	QPSK	50	0		21.71			
10	16QAM	1	0		22.02		23	1
10	16QAM	1	25		21.98			
10	16QAM	1	49		22.04			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.85			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.80		22	2
10	64QAM	1	25		20.86			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.78		21	3
10	64QAM	25	12		19.82			
10	64QAM	25	25		19.88			
10	64QAM	50	0		19.79			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.90			
10	256QAM	25	0		17.86		19	5
10	256QAM	25	12		17.87			
10	256QAM	25	25		17.78			
10	256QAM	50	0		17.76			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.69	22.66	22.63	24	0
5	QPSK	1	12	22.67	22.70	22.64		
5	QPSK	1	24	22.68	22.67	22.66		
5	QPSK	12	0	21.70	21.65	21.66	23	1
5	QPSK	12	7	21.84	21.84	21.76		
5	QPSK	12	13	21.83	21.83	21.79		
5	QPSK	25	0	21.79	21.70	21.69		
5	16QAM	1	0	22.04	21.90	21.98	23	1
5	16QAM	1	12	22.05	22.00	21.97		
5	16QAM	1	24	21.98	22.05	21.95		
5	16QAM	12	0	20.70	20.66	20.69	22	2
5	16QAM	12	7	20.84	20.80	20.73		
5	16QAM	12	13	20.87	20.83	20.83		
5	16QAM	25	0	20.81	20.69	20.72		
5	64QAM	1	0	20.82	20.81	20.84	22	2
5	64QAM	1	12	20.86	20.88	20.85		
5	64QAM	1	24	20.96	20.91	20.93		
5	64QAM	12	0	19.71	19.68	19.71	21	3
5	64QAM	12	7	19.91	19.88	19.75		
5	64QAM	12	13	19.87	19.84	19.86		
5	64QAM	25	0	19.85	19.72	19.74		
5	256QAM	1	0	17.76	17.83	17.76	19	5
5	256QAM	1	12	17.83	17.80	17.77		
5	256QAM	1	24	17.79	17.81	17.88		
5	256QAM	12	0	17.90	17.76	17.88	19	5
5	256QAM	12	7	17.79	17.85	17.84		
5	256QAM	12	13	17.78	17.77	17.80		
5	256QAM	25	0	17.76	17.89	17.89		

Band 17_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.95	23.18	22.96	24	0
10	QPSK	1	25	22.94	22.95	22.92		
10	QPSK	1	49	22.97	22.92	22.95		
10	QPSK	25	0	22.13	22.15	22.11	23	1
10	QPSK	25	12	22.11	22.02	22.08		
10	QPSK	25	25	22.09	22.10	22.09		
10	QPSK	50	0	22.02	22.07	22.02		
10	16QAM	1	0	22.32	22.17	22.22	23	1
10	16QAM	1	25	22.31	22.28	22.32		
10	16QAM	1	49	22.28	22.25	22.27		
10	16QAM	25	0	21.08	21.06	21.05	22	2
10	16QAM	25	12	21.20	21.11	21.13		
10	16QAM	25	25	21.11	21.12	21.10		
10	16QAM	50	0	21.04	21.06	21.04		
10	64QAM	1	0	21.15	21.08	21.13	22	2
10	64QAM	1	25	21.16	21.17	21.11		
10	64QAM	1	49	21.19	21.23	21.21		
10	64QAM	25	0	20.11	20.10	20.07	21	3
10	64QAM	25	12	20.17	20.13	20.13		
10	64QAM	25	25	20.17	20.13	20.12		
10	64QAM	50	0	20.05	20.09	20.05		
10	256QAM	1	0	17.95	17.90	17.95	19	5
10	256QAM	1	25	17.96	17.96	17.97		
10	256QAM	1	49	17.97	18.03	17.98		
10	256QAM	25	0	18.06	17.89	17.93	19	5
10	256QAM	25	12	18.05	18.04	18.08		
10	256QAM	25	25	17.95	17.99	18.02		
10	256QAM	50	0	17.89	17.91	17.86		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.97	22.99	23.00	24	0
5	QPSK	1	12	22.86	22.96	22.98		
5	QPSK	1	24	22.92	22.97	22.95		
5	QPSK	12	0	22.06	22.08	22.05	23	1
5	QPSK	12	7	22.06	22.02	22.07		
5	QPSK	12	13	22.03	22.03	22.00		
5	QPSK	25	0	22.08	22.02	21.99		
5	16QAM	1	0	22.34	22.33	22.36	23	1
5	16QAM	1	12	22.32	22.34	22.35		
5	16QAM	1	24	22.24	22.32	22.31		
5	16QAM	12	0	21.08	21.09	21.05	22	2
5	16QAM	12	7	21.13	21.05	21.07		
5	16QAM	12	13	21.04	21.08	21.01		
5	16QAM	25	0	21.10	21.08	21.01		
5	64QAM	1	0	21.25	21.19	21.14	22	2
5	64QAM	1	12	21.10	21.18	21.07		
5	64QAM	1	24	21.13	21.19	21.14		
5	64QAM	12	0	20.08	20.12	20.09	21	3
5	64QAM	12	7	20.13	20.09	20.13		
5	64QAM	12	13	20.05	20.07	20.06		
5	64QAM	25	0	20.11	20.07	19.99		
5	256QAM	1	0	17.90	17.89	17.96	19	5
5	256QAM	1	12	18.02	17.96	17.93		
5	256QAM	1	24	17.94	18.04	18.01		
5	256QAM	12	0	17.99	17.89	17.95	19	5
5	256QAM	12	7	18.00	17.99	18.06		
5	256QAM	12	13	17.98	17.92	17.92		
5	256QAM	25	0	17.92	17.92	17.87		

Band 17_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.73	22.81	22.73	24	0
10	QPSK	1	25	22.66	22.72	22.68		
10	QPSK	1	49	22.61	22.71	22.63		
10	QPSK	25	0	21.82	21.87	21.84	23	1
10	QPSK	25	12	21.80	21.85	21.81		
10	QPSK	25	25	21.78	21.82	21.80		
10	QPSK	50	0	21.72	21.77	21.76		
10	16QAM	1	0	21.96	21.93	22.00	23	1
10	16QAM	1	25	21.96	22.06	22.02		
10	16QAM	1	49	22.01	22.10	22.05		
10	16QAM	25	0	20.79	20.81	20.80	22	2
10	16QAM	25	12	20.91	20.83	20.82		
10	16QAM	25	25	20.89	20.89	20.85		
10	16QAM	50	0	20.77	20.80	20.77		
10	64QAM	1	0	20.87	20.79	20.91	22	2
10	64QAM	1	25	20.86	20.91	20.94		
10	64QAM	1	49	20.88	20.98	20.91		
10	64QAM	25	0	19.84	19.84	19.83	21	3
10	64QAM	25	12	19.95	19.87	19.84		
10	64QAM	25	25	19.88	19.90	19.84		
10	64QAM	50	0	19.76	19.80	19.77		
10	256QAM	1	0	17.85	17.89	17.98	19	5
10	256QAM	1	25	17.88	17.84	17.86		
10	256QAM	1	49	17.87	17.84	17.87		
10	256QAM	25	0	17.94	17.93	17.95	19	5
10	256QAM	25	12	17.89	17.86	17.88		
10	256QAM	25	25	17.96	17.92	17.84		
10	256QAM	50	0	17.96	17.96	17.90		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.71	22.74	22.76	24	0
5	QPSK	1	12	22.71	22.68	22.71		
5	QPSK	1	24	22.64	22.70	22.75		
5	QPSK	12	0	21.80	21.77	21.77	23	1
5	QPSK	12	7	21.82	21.76	21.80		
5	QPSK	12	13	21.75	21.78	21.75		
5	QPSK	25	0	21.82	21.76	21.74		
5	16QAM	1	0	22.12	22.15	22.06	23	1
5	16QAM	1	12	21.93	22.09	22.03		
5	16QAM	1	24	21.99	22.08	21.99		
5	16QAM	12	0	20.82	20.85	20.82	22	2
5	16QAM	12	7	20.80	20.77	20.82		
5	16QAM	12	13	20.76	20.80	20.77		
5	16QAM	25	0	20.83	20.78	20.76		
5	64QAM	1	0	20.89	20.95	20.93	22	2
5	64QAM	1	12	20.82	20.92	20.89		
5	64QAM	1	24	20.84	20.84	20.92		
5	64QAM	12	0	19.84	19.86	19.83	21	3
5	64QAM	12	7	19.86	19.83	19.87		
5	64QAM	12	13	19.79	19.82	19.80		
5	64QAM	25	0	19.84	19.80	19.76		
5	256QAM	1	0	17.92	17.89	17.96	19	5
5	256QAM	1	12	17.92	17.88	17.85		
5	256QAM	1	24	17.94	17.94	17.92		
5	256QAM	12	0	17.89	17.88	17.89	19	5
5	256QAM	12	7	17.91	17.89	17.86		
5	256QAM	12	13	17.89	17.89	17.88		
5	256QAM	25	0	17.98	17.92	17.84		

Band 25_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.95	16.05	15.96	16.9	0
20	QPSK	1	49	15.93	15.97	15.90		
20	QPSK	1	99	15.89	15.95	15.88		
20	QPSK	50	0	15.85	15.97	15.90	16.9	0
20	QPSK	50	24	15.80	15.92	15.85		
20	QPSK	50	50	15.74	15.88	15.83		
20	QPSK	100	0	15.89	15.92	15.84		
20	16QAM	1	0	15.83	15.87	15.83	16.9	0
20	16QAM	1	49	15.88	15.85	15.94		
20	16QAM	1	99	15.84	15.80	15.86		
20	16QAM	50	0	15.81	15.91	15.84	16.9	0
20	16QAM	50	24	15.84	15.83	15.83		
20	16QAM	50	50	15.89	15.96	15.85		
20	16QAM	100	0	15.86	15.82	15.87		
20	64QAM	1	0	15.89	15.84	15.88	16.9	0
20	64QAM	1	49	15.75	15.83	15.81		
20	64QAM	1	99	15.87	15.91	15.95		
20	64QAM	50	0	15.80	15.76	15.86	16.9	0
20	64QAM	50	24	15.86	15.89	15.87		
20	64QAM	50	50	15.83	15.76	15.78		
20	64QAM	100	0	15.93	15.85	15.88		
20	256QAM	1	0	15.84	15.80	15.83	16.9	0
20	256QAM	1	49	15.86	15.88	15.83		
20	256QAM	1	99	15.82	15.85	15.85		
20	256QAM	50	0	15.91	15.96	15.93	16.9	0
20	256QAM	50	24	15.88	15.86	15.78		
20	256QAM	50	50	15.90	15.89	15.90		
20	256QAM	100	0	15.82	15.78	15.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.95	16.02	15.90	16.9	0
15	QPSK	1	37	15.89	15.87	15.87		
15	QPSK	1	74	15.78	15.87	15.84		
15	QPSK	36	0	15.78	15.94	15.90	16.9	0
15	QPSK	36	20	15.74	15.85	15.79		
15	QPSK	36	39	15.71	15.78	15.78		
15	QPSK	75	0	15.90	15.90	15.77		
15	16QAM	1	0	15.76	15.83	15.79	16.9	0
15	16QAM	1	37	15.86	15.81	15.88		
15	16QAM	1	74	15.81	15.73	15.77		
15	16QAM	36	0	15.71	15.83	15.77	16.9	0
15	16QAM	36	20	15.76	15.80	15.76		
15	16QAM	36	39	15.84	15.85	15.77		
15	16QAM	75	0	15.81	15.75	15.84		
15	64QAM	1	0	15.81	15.79	15.77	16.9	0
15	64QAM	1	37	15.73	15.78	15.82		
15	64QAM	1	74	15.82	15.90	15.84		
15	64QAM	36	0	15.74	15.73	15.82	16.9	0
15	64QAM	36	20	15.81	15.89	15.82		
15	64QAM	36	39	15.83	15.70	15.73		
15	64QAM	75	0	15.86	15.77	15.86		
15	256QAM	1	0	15.76	15.74	15.78	16.9	0
15	256QAM	1	37	15.77	15.80	15.78		
15	256QAM	1	74	15.73	15.79	15.79		
15	256QAM	36	0	15.84	15.90	15.90	16.9	0
15	256QAM	36	20	15.85	15.79	15.76		
15	256QAM	36	39	15.80	15.85	15.85		
15	256QAM	75	0	15.73	15.74	15.85		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.93	15.94	15.92	16.9	0
10	QPSK	1	25	15.90	15.91	15.84		
10	QPSK	1	49	15.78	15.91	15.82		
10	QPSK	25	0	15.81	15.96	15.86	16.9	0
10	QPSK	25	12	15.75	15.87	15.78		
10	QPSK	25	25	15.67	15.84	15.78		
10	QPSK	50	0	15.89	15.85	15.79		
10	16QAM	1	0	15.72	15.78	15.80	16.9	0
10	16QAM	1	25	15.79	15.78	15.91		
10	16QAM	1	49	15.80	15.76	15.81		
10	16QAM	25	0	15.76	15.90	15.85	16.9	0
10	16QAM	25	12	15.83	15.80	15.77		
10	16QAM	25	25	15.79	15.95	15.81		
10	16QAM	50	0	15.82	15.79	15.84		
10	64QAM	1	0	15.84	15.84	15.82	16.9	0
10	64QAM	1	25	15.65	15.76	15.72		
10	64QAM	1	49	15.84	15.81	15.88		
10	64QAM	25	0	15.72	15.67	15.79	16.9	0
10	64QAM	25	12	15.82	15.80	15.76		
10	64QAM	25	25	15.77	15.70	15.76		
10	64QAM	50	0	15.88	15.81	15.80		
10	256QAM	1	0	15.77	15.75	15.77	16.9	0
10	256QAM	1	25	15.81	15.81	15.82		
10	256QAM	1	49	15.78	15.78	15.77		
10	256QAM	25	0	15.91	15.91	15.93	16.9	0
10	256QAM	25	12	15.83	15.81	15.75		
10	256QAM	25	25	15.87	15.82	15.80		
10	256QAM	50	0	15.77	15.73	15.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.93	16.03	15.94	16.9	0
5	QPSK	1	12	15.86	15.97	15.82		
5	QPSK	1	24	15.79	15.89	15.80		
5	QPSK	12	0	15.82	15.92	15.84	16.9	0
5	QPSK	12	7	15.81	15.89	15.80		
5	QPSK	12	13	15.68	15.81	15.72		
5	QPSK	25	0	15.87	15.88	15.78		
5	16QAM	1	0	15.75	15.81	15.72	16.9	0
5	16QAM	1	12	15.84	15.76	15.84		
5	16QAM	1	24	15.80	15.77	15.83		
5	16QAM	12	0	15.78	15.86	15.80	16.9	0
5	16QAM	12	7	15.82	15.75	15.81		
5	16QAM	12	13	15.84	15.92	15.80		
5	16QAM	25	0	15.83	15.75	15.84		
5	64QAM	1	0	15.85	15.77	15.86	16.9	0
5	64QAM	1	12	15.68	15.81	15.80		
5	64QAM	1	24	15.77	15.82	15.88		
5	64QAM	12	0	15.78	15.74	15.84	16.9	0
5	64QAM	12	7	15.81	15.87	15.82		
5	64QAM	12	13	15.76	15.65	15.71		
5	64QAM	25	0	15.88	15.77	15.78		
5	256QAM	1	0	15.76	15.74	15.81	16.9	0
5	256QAM	1	12	15.81	15.79	15.79		
5	256QAM	1	24	15.78	15.76	15.79		
5	256QAM	12	0	15.83	15.93	15.88	16.9	0
5	256QAM	12	7	15.86	15.76	15.74		
5	256QAM	12	13	15.85	15.83	15.79		
5	256QAM	25	0	15.72	15.72	15.81		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.86	15.97	15.86	16.9	0
3	QPSK	1	8	15.87	15.92	15.86		
3	QPSK	1	14	15.87	15.91	15.81		
3	QPSK	8	0	15.78	15.96	15.83	16.9	0
3	QPSK	8	4	15.71	15.83	15.77		
3	QPSK	8	7	15.74	15.88	15.77		
3	QPSK	15	0	15.81	15.80	15.85		
3	16QAM	1	0	15.77	15.84	15.77	16.9	0
3	16QAM	1	8	15.84	15.84	15.87		
3	16QAM	1	14	15.75	15.77	15.81		
3	16QAM	8	0	15.74	15.88	15.73	16.9	0
3	16QAM	8	4	15.80	15.75	15.77		
3	16QAM	8	7	15.82	15.95	15.79		
3	16QAM	15	0	15.81	15.81	15.82		
3	64QAM	1	0	15.83	15.78	15.81	16.9	0
3	64QAM	1	8	15.75	15.75	15.73		
3	64QAM	1	14	15.82	15.88	15.87		
3	64QAM	8	0	15.73	15.67	15.76	16.9	0
3	64QAM	8	4	15.81	15.86	15.80		
3	64QAM	8	7	15.78	15.66	15.77		
3	64QAM	15	0	15.88	15.77	15.80		
3	256QAM	1	0	15.73	15.76	15.76	16.9	0
3	256QAM	1	8	15.78	15.80	15.78		
3	256QAM	1	14	15.76	15.77	15.86		
3	256QAM	8	0	15.84	15.87	15.87	16.9	0
3	256QAM	8	4	15.82	15.79	15.75		
3	256QAM	8	7	15.84	15.82	15.84		
3	256QAM	15	0	15.78	15.70	15.82		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.87	15.96	15.97	16.9	0
1.4	QPSK	1	3	15.88	15.90	15.88		
1.4	QPSK	1	5	15.79	15.89	15.85		
1.4	QPSK	3	0	15.80	15.94	15.84		
1.4	QPSK	3	1	15.79	15.92	15.78		
1.4	QPSK	3	3	15.66	15.87	15.78		
1.4	QPSK	6	0	15.79	15.85	15.80	16.9	0
1.4	16QAM	1	0	15.73	15.81	15.80	16.9	0
1.4	16QAM	1	3	15.82	15.76	15.87		
1.4	16QAM	1	5	15.74	15.68	15.83		
1.4	16QAM	3	0	15.72	15.82	15.79		
1.4	16QAM	3	1	15.78	15.72	15.81		
1.4	16QAM	3	3	15.84	15.90	15.81		
1.4	16QAM	6	0	15.81	15.76	15.81	16.9	0
1.4	64QAM	1	0	15.78	15.77	15.83	16.9	0
1.4	64QAM	1	3	15.68	15.81	15.76		
1.4	64QAM	1	5	15.80	15.79	15.86		
1.4	64QAM	3	0	15.75	15.69	15.85		
1.4	64QAM	3	1	15.82	15.87	15.81		
1.4	64QAM	3	3	15.77	15.74	15.73		
1.4	64QAM	6	0	15.89	15.76	15.83	16.9	0
1.4	256QAM	1	0	15.75	15.77	15.75	16.9	0
1.4	256QAM	1	3	15.79	15.83	15.72		
1.4	256QAM	1	5	15.75	15.84	15.81		
1.4	256QAM	3	0	15.81	15.92	15.82		
1.4	256QAM	3	1	15.82	15.87	15.71		
1.4	256QAM	3	3	15.78	15.86	15.87		
1.4	256QAM	6	0	15.78	15.74	15.78	16.9	0

Band 25_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.89	17.92	17.63	19	0
20	QPSK	1	49	17.32	17.30	17.07		
20	QPSK	1	99	17.19	17.17	17.24		
20	QPSK	50	0	17.42	17.70	17.35	19	0
20	QPSK	50	24	17.34	17.38	17.20		
20	QPSK	50	50	17.37	17.33	17.17		
20	QPSK	100	0	17.45	17.77	17.34		
20	16QAM	1	0	17.45	17.45	17.30	19	0
20	16QAM	1	49	17.21	17.29	17.00		
20	16QAM	1	99	17.07	17.12	17.21		
20	16QAM	50	0	17.34	17.40	17.25	19	0
20	16QAM	50	24	17.32	17.36	17.24		
20	16QAM	50	50	17.26	17.21	17.12		
20	16QAM	100	0	17.18	17.43	17.02		
20	64QAM	1	0	17.42	17.42	17.27	19	0
20	64QAM	1	49	17.32	17.22	17.07		
20	64QAM	1	99	17.11	17.14	17.15		
20	64QAM	50	0	17.29	17.42	17.24	19	0
20	64QAM	50	24	17.25	17.37	17.12		
20	64QAM	50	50	17.37	17.29	17.06		
20	64QAM	100	0	17.22	17.34	17.07		
20	256QAM	1	0	17.16	17.18	17.22	19	0
20	256QAM	1	49	17.13	17.30	17.28		
20	256QAM	1	99	17.14	17.29	17.18		
20	256QAM	50	0	17.28	17.26	17.15	19	0
20	256QAM	50	24	17.31	17.10	17.27		
20	256QAM	50	50	17.18	17.16	17.21		
20	256QAM	100	0	17.15	17.29	17.29		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.42	17.45	17.33	19	0
15	QPSK	1	37	17.26	17.30	17.01		
15	QPSK	1	74	17.15	17.10	17.18		
15	QPSK	36	0	17.32	17.34	17.17	19	0
15	QPSK	36	20	17.27	17.30	17.17		
15	QPSK	36	39	17.29	17.30	17.17		
15	QPSK	75	0	17.27	17.40	17.03		
15	16QAM	1	0	17.35	17.44	17.29	19	0
15	16QAM	1	37	17.14	17.21	17.04		
15	16QAM	1	74	17.02	17.09	17.17		
15	16QAM	36	0	17.29	17.33	17.19	19	0
15	16QAM	36	20	17.30	17.30	17.15		
15	16QAM	36	39	17.21	17.20	17.08		
15	16QAM	75	0	17.15	17.40	17.06		
15	64QAM	1	0	17.39	17.42	17.26	19	0
15	64QAM	1	37	17.28	17.12	17.06		
15	64QAM	1	74	17.09	17.12	17.06		
15	64QAM	36	0	17.19	17.32	17.18	19	0
15	64QAM	36	20	17.18	17.31	17.11		
15	64QAM	36	39	17.34	17.25	17.02		
15	64QAM	75	0	17.13	17.30	17.09		
15	256QAM	1	0	17.17	17.14	17.22	19	0
15	256QAM	1	37	17.20	17.26	17.24		
15	256QAM	1	74	17.04	17.28	17.18		
15	256QAM	36	0	17.18	17.20	17.15	19	0
15	256QAM	36	20	17.32	17.12	17.23		
15	256QAM	36	39	17.18	17.13	17.28		
15	256QAM	75	0	17.17	17.19	17.22		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.37	17.45	17.33	19	0
10	QPSK	1	25	17.27	17.23	17.01		
10	QPSK	1	49	17.15	17.12	17.17		
10	QPSK	25	0	17.29	17.43	17.25	19	0
10	QPSK	25	12	17.25	17.31	17.13		
10	QPSK	25	25	17.29	17.34	17.09		
10	QPSK	50	0	17.28	17.35	17.02		
10	16QAM	1	0	17.35	17.42	17.19	19	0
10	16QAM	1	25	17.13	17.19	17.01		
10	16QAM	1	49	17.01	17.09	17.17		
10	16QAM	25	0	17.29	17.38	17.20	19	0
10	16QAM	25	12	17.23	17.24	17.17		
10	16QAM	25	25	17.17	17.21	17.06		
10	16QAM	50	0	17.12	17.40	17.06		
10	64QAM	1	0	17.33	17.41	17.23	19	0
10	64QAM	1	25	17.31	17.17	17.01		
10	64QAM	1	49	17.06	17.06	17.13		
10	64QAM	25	0	17.26	17.40	17.24	19	0
10	64QAM	25	12	17.20	17.29	17.06		
10	64QAM	25	25	17.32	17.22	17.04		
10	64QAM	50	0	17.16	17.31	17.04		
10	256QAM	1	0	17.16	17.18	17.28	19	0
10	256QAM	1	25	17.15	17.24	17.26		
10	256QAM	1	49	17.10	17.30	17.14		
10	256QAM	25	0	17.25	17.30	17.15	19	0
10	256QAM	25	12	17.24	17.09	17.22		
10	256QAM	25	25	17.18	17.14	17.19		
10	256QAM	50	0	17.18	17.28	17.28		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.35	17.39	17.30	19	0
5	QPSK	1	12	17.32	17.29	17.09		
5	QPSK	1	24	17.15	17.08	17.17		
5	QPSK	12	0	17.34	17.32	17.16	19	0
5	QPSK	12	7	17.26	17.31	17.14		
5	QPSK	12	13	17.31	17.28	17.16		
5	QPSK	25	0	17.30	17.37	17.08		
5	16QAM	1	0	17.40	17.34	17.23	19	0
5	16QAM	1	12	17.19	17.20	17.04		
5	16QAM	1	24	17.02	17.05	17.22		
5	16QAM	12	0	17.31	17.32	17.19	19	0
5	16QAM	12	7	17.27	17.29	17.14		
5	16QAM	12	13	17.19	17.20	17.10		
5	16QAM	25	0	17.12	17.41	17.05		
5	64QAM	1	0	17.43	17.35	17.16	19	0
5	64QAM	1	12	17.27	17.19	17.05		
5	64QAM	1	24	17.03	17.09	17.12		
5	64QAM	12	0	17.26	17.42	17.15	19	0
5	64QAM	12	7	17.16	17.34	17.07		
5	64QAM	12	13	17.31	17.23	17.08		
5	64QAM	25	0	17.22	17.29	17.05		
5	256QAM	1	0	17.13	17.20	17.26	19	0
5	256QAM	1	12	17.14	17.24	17.30		
5	256QAM	1	24	17.08	17.22	17.19		
5	256QAM	12	0	17.22	17.25	17.18	19	0
5	256QAM	12	7	17.21	17.13	17.25		
5	256QAM	12	13	17.19	17.13	17.26		
5	256QAM	25	0	17.15	17.26	17.22		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.36	17.41	17.28	19	0
3	QPSK	1	8	17.25	17.22	17.00		
3	QPSK	1	14	17.17	17.12	17.23		
3	QPSK	8	0	17.35	17.36	17.16	19	0
3	QPSK	8	4	17.25	17.28	17.17		
3	QPSK	8	7	17.32	17.31	17.08		
3	QPSK	15	0	17.27	17.33	17.03		
3	16QAM	1	0	17.36	17.46	17.19	19	0
3	16QAM	1	8	17.18	17.27	17.07		
3	16QAM	1	14	17.02	17.04	17.21		
3	16QAM	8	0	17.28	17.33	17.17	19	0
3	16QAM	8	4	17.23	17.32	17.21		
3	16QAM	8	7	17.21	17.20	17.10		
3	16QAM	15	0	17.17	17.38	17.02		
3	64QAM	1	0	17.35	17.34	17.17	19	0
3	64QAM	1	8	17.28	17.17	17.02		
3	64QAM	1	14	17.04	17.12	17.07		
3	64QAM	8	0	17.22	17.37	17.20	19	0
3	64QAM	8	4	17.15	17.33	17.04		
3	64QAM	8	7	17.31	17.26	17.03		
3	64QAM	15	0	17.18	17.34	17.09		
3	256QAM	1	0	17.12	17.18	17.25	19	0
3	256QAM	1	8	17.12	17.23	17.19		
3	256QAM	1	14	17.14	17.26	17.15		
3	256QAM	8	0	17.23	17.20	17.15	19	0
3	256QAM	8	4	17.31	17.08	17.18		
3	256QAM	8	7	17.17	17.11	17.21		
3	256QAM	15	0	17.10	17.21	17.25		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.36	17.38	17.28	19	0
1.4	QPSK	1	3	17.30	17.28	17.00		
1.4	QPSK	1	5	17.18	17.17	17.18		
1.4	QPSK	3	0	17.29	17.32	17.20		
1.4	QPSK	3	1	17.29	17.36	17.13		
1.4	QPSK	3	3	17.37	17.24	17.13		
1.4	QPSK	6	0	17.26	17.36	17.03	19	0
1.4	16QAM	1	0	17.41	17.37	17.28	19	0
1.4	16QAM	1	3	17.18	17.17	17.05		
1.4	16QAM	1	5	17.09	17.05	17.14		
1.4	16QAM	3	0	17.28	17.34	17.15		
1.4	16QAM	3	1	17.31	17.31	17.21		
1.4	16QAM	3	3	17.22	17.15	17.06		
1.4	16QAM	6	0	17.14	17.33	17	19	0
1.4	64QAM	1	0	17.36	17.42	17.18	19	0
1.4	64QAM	1	3	17.30	17.16	17.02		
1.4	64QAM	1	5	17.03	17.04	17.11		
1.4	64QAM	3	0	17.26	17.40	17.19		
1.4	64QAM	3	1	17.26	17.33	17.05		
1.4	64QAM	3	3	17.30	17.23	17.06		
1.4	64QAM	6	0	17.14	17.28	17.04	19	0
1.4	256QAM	1	0	17.11	17.15	17.29	19	0
1.4	256QAM	1	3	17.16	17.22	17.29		
1.4	256QAM	1	5	17.14	17.25	17.11		
1.4	256QAM	3	0	17.29	17.24	17.17		
1.4	256QAM	3	1	17.25	17.11	17.25		
1.4	256QAM	3	3	17.22	17.16	17.18		
1.4	256QAM	6	0	17.07	17.23	17.23	19	0

Band 26_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.21	21.27	21.25	22.3	0
15	QPSK	1	37	21.10	21.20	21.19		
15	QPSK	1	74	21.09	21.23	21.14		
15	QPSK	36	0	21.11	21.17	21.05	22.3	0
15	QPSK	36	20	21.14	21.04	21.05		
15	QPSK	36	39	21.06	21.13	21.12		
15	QPSK	75	0	21.03	21.13	21.09		
15	16QAM	1	0	21.20	21.19	21.21	22.3	0
15	16QAM	1	37	21.03	21.13	21.18		
15	16QAM	1	74	21.09	21.18	21.10		
15	16QAM	36	0	21.03	21.17	21.01	22	0.3
15	16QAM	36	20	21.01	21.14	21.04		
15	16QAM	36	39	21.04	21.19	21.09		
15	16QAM	75	0	21.14	21.13	20.99		
15	64QAM	1	0	21.20	21.19	21.21	22	0.3
15	64QAM	1	37	21.21	21.25	21.22		
15	64QAM	1	74	21.13	21.15	21.02		
15	64QAM	36	0	19.99	20.17	20.04	21	1.3
15	64QAM	36	20	20.15	20.19	20.06		
15	64QAM	36	39	20.11	20.24	20.06		
15	64QAM	75	0	20.13	20.16	20.09		
15	256QAM	1	0	17.83	18.06	17.90	19	3.3
15	256QAM	1	37	17.83	18.07	17.99		
15	256QAM	1	74	17.98	18.14	18.00		
15	256QAM	36	0	17.92	18.06	17.86	19	3.3
15	256QAM	36	20	17.97	18.01	18.02		
15	256QAM	36	39	17.93	18.07	17.87		
15	256QAM	75	0	18.06	18.03	17.84		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.16	21.21	21.18	22.3	0
10	QPSK	1	25	21.04	21.13	21.14		
10	QPSK	1	49	20.99	21.21	21.05		
10	QPSK	25	0	21.03	21.14	21.04	22.3	0
10	QPSK	25	12	21.12	20.95	20.99		
10	QPSK	25	25	20.94	21.08	21.05		
10	QPSK	50	0	20.95	21.06	21.03		
10	16QAM	1	0	21.11	21.16	21.19	22.3	0
10	16QAM	1	25	20.98	21.12	21.13		
10	16QAM	1	49	21.02	21.18	21.10		
10	16QAM	25	0	20.93	21.17	20.90	22	0.3
10	16QAM	25	12	20.98	21.13	20.98		
10	16QAM	25	25	20.94	21.07	21.06		
10	16QAM	50	0	21.04	21.05	21.00		
10	64QAM	1	0	21.13	21.11	21.19	22	0.3
10	64QAM	1	25	21.15	21.23	21.15		
10	64QAM	1	49	21.06	21.08	21.02		
10	64QAM	25	0	19.95	20.10	20.03	21	1.3
10	64QAM	25	12	20.10	20.13	20.00		
10	64QAM	25	25	20.02	20.25	20.00		
10	64QAM	50	0	20.04	20.08	20.09		
10	256QAM	1	0	17.73	17.97	17.89	19	3.3
10	256QAM	1	25	17.78	18.07	17.95		
10	256QAM	1	49	17.90	18.11	17.93		
10	256QAM	25	0	17.87	17.99	17.82	19	3.3
10	256QAM	25	12	17.96	18.01	17.93		
10	256QAM	25	25	17.83	18.00	17.80		
10	256QAM	50	0	18.03	18.01	17.72		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.14	21.24	21.20	22.3	0
5	QPSK	1	12	21.06	21.15	21.17		
5	QPSK	1	24	21.05	21.20	21.05		
5	QPSK	12	0	21.02	21.08	21.01	22.3	0
5	QPSK	12	7	21.13	20.98	21.01		
5	QPSK	12	13	20.99	21.04	21.06		
5	QPSK	25	0	20.98	21.10	21.03		
5	16QAM	1	0	21.09	21.19	21.12	22.3	0
5	16QAM	1	12	20.97	21.10	21.09		
5	16QAM	1	24	20.99	21.09	21.01		
5	16QAM	12	0	21.01	21.08	20.95	22	0.3
5	16QAM	12	7	20.97	21.08	21.00		
5	16QAM	12	13	20.97	21.12	21.05		
5	16QAM	25	0	21.04	21.02	20.90		
5	64QAM	1	0	21.18	21.13	21.17	22	0.3
5	64QAM	1	12	21.16	21.23	21.17		
5	64QAM	1	24	21.05	21.05	20.99		
5	64QAM	12	0	19.94	20.10	20.00	21	1.3
5	64QAM	12	7	20.10	20.14	20.04		
5	64QAM	12	13	20.06	20.23	20.04		
5	64QAM	25	0	20.02	20.07	20.06		
5	256QAM	1	0	17.75	18.01	17.86	19	3.3
5	256QAM	1	12	17.76	17.95	17.94		
5	256QAM	1	24	17.97	18.11	17.91		
5	256QAM	12	0	17.84	18.01	17.82	19	3.3
5	256QAM	12	7	17.95	17.97	17.94		
5	256QAM	12	13	17.82	18.06	17.84		
5	256QAM	25	0	17.97	17.95	17.83		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.15	21.22	21.14	22.3	0
3	QPSK	1	8	21.06	21.15	21.14		
3	QPSK	1	14	21.05	21.13	21.07		
3	QPSK	8	0	21.05	21.14	21.01	22.3	0
3	QPSK	8	4	21.10	21.03	20.99		
3	QPSK	8	7	20.99	21.13	21.07		
3	QPSK	15	0	21.00	21.02	21.01		
3	16QAM	1	0	21.16	21.09	21.14	22.3	0
3	16QAM	1	8	20.91	21.05	21.13		
3	16QAM	1	14	21.08	21.16	21.02		
3	16QAM	8	0	20.91	21.10	20.99	22	0.3
3	16QAM	8	4	20.98	21.07	21.02		
3	16QAM	8	7	21.01	21.13	20.98		
3	16QAM	15	0	21.09	21.04	20.92		
3	64QAM	1	0	21.18	21.11	21.17	22	0.3
3	64QAM	1	8	21.12	21.18	21.21		
3	64QAM	1	14	21.03	21.15	21.03		
3	64QAM	8	0	19.94	20.10	20.02	21	1.3
3	64QAM	8	4	20.12	20.11	20.06		
3	64QAM	8	7	20.07	20.22	20.03		
3	64QAM	15	0	20.07	20.10	20.02		
3	256QAM	1	0	17.76	18.02	17.88	19	3.3
3	256QAM	1	8	17.84	17.99	17.94		
3	256QAM	1	14	17.93	18.11	18.00		
3	256QAM	8	0	17.84	18.01	17.84	19	3.3
3	256QAM	8	4	17.89	17.90	17.96		
3	256QAM	8	7	17.87	18.01	17.83		
3	256QAM	15	0	18.04	17.99	17.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.21	21.19	21.19	22.3	0
1.4	QPSK	1	3	21.05	21.13	21.16		
1.4	QPSK	1	5	21.04	21.23	21.07		
1.4	QPSK	3	0	21.08	21.11	20.98		
1.4	QPSK	3	1	21.10	20.97	21.02		
1.4	QPSK	3	3	21.00	21.05	21.13		
1.4	QPSK	6	0	20.98	21.05	21.02	22.3	0
1.4	16QAM	1	0	21.11	21.12	21.17	22.3	0
1.4	16QAM	1	3	20.98	21.03	21.08		
1.4	16QAM	1	5	21.06	21.16	21.06		
1.4	16QAM	3	0	20.93	21.12	20.93		
1.4	16QAM	3	1	20.98	21.12	20.99		
1.4	16QAM	3	3	20.95	21.13	21.06		
1.4	16QAM	6	0	21.10	21.13	20.93	22	0.3
1.4	64QAM	1	0	21.13	21.12	21.09	22	0.3
1.4	64QAM	1	3	21.11	21.20	21.19		
1.4	64QAM	1	5	21.03	21.05	21.03		
1.4	64QAM	3	0	19.92	20.12	19.94		
1.4	64QAM	3	1	20.07	20.11	19.99		
1.4	64QAM	3	3	20.07	20.21	20.01		
1.4	64QAM	6	0	20.09	20.16	20.06	21	1.3
1.4	256QAM	1	0	17.76	18.06	17.86	19	3.3
1.4	256QAM	1	3	17.78	18.05	17.90		
1.4	256QAM	1	5	17.89	18.10	17.99		
1.4	256QAM	3	0	17.87	17.99	17.83		
1.4	256QAM	3	1	17.92	17.93	18.00		
1.4	256QAM	3	3	17.89	17.98	17.80		
1.4	256QAM	6	0	18.02	17.98	17.75	19	3.3

Band 26_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.86	21.90	21.87	23.2	0
15	QPSK	1	37	21.85	21.89	21.77		
15	QPSK	1	74	21.78	21.82	21.70		
15	QPSK	36	0	21.77	21.84	21.79	23	0.2
15	QPSK	36	20	21.68	21.69	21.62		
15	QPSK	36	39	21.67	21.64	21.60		
15	QPSK	75	0	21.71	21.80	21.71		
15	16QAM	1	0	21.73	21.64	21.73	23	0.2
15	16QAM	1	37	21.70	21.68	21.70		
15	16QAM	1	74	21.68	21.63	21.64		
15	16QAM	36	0	20.35	20.45	20.44	22	1.2
15	16QAM	36	20	20.39	20.46	20.51		
15	16QAM	36	39	20.48	20.53	20.48		
15	16QAM	75	0	20.51	20.46	20.43		
15	64QAM	1	0	20.65	20.44	20.59	22	1.2
15	64QAM	1	37	20.44	20.63	20.56		
15	64QAM	1	74	20.55	20.58	20.42		
15	64QAM	36	0	19.43	19.44	19.48	21	2.2
15	64QAM	36	20	19.47	19.51	19.55		
15	64QAM	36	39	19.48	19.57	19.49		
15	64QAM	75	0	19.50	19.43	19.51		
15	256QAM	1	0	17.36	17.36	17.28	19	4.2
15	256QAM	1	37	17.47	17.38	17.36		
15	256QAM	1	74	17.49	17.49	17.32		
15	256QAM	36	0	17.34	17.30	17.25	19	4.2
15	256QAM	36	20	17.28	17.37	17.40		
15	256QAM	36	39	17.34	17.43	17.44		
15	256QAM	75	0	17.30	17.43	17.36		
Channel				26740	26865	26990	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	0	21.77	21.86	21.78	23.2	0
10	QPSK	1	25	21.81	21.89	21.72		
10	QPSK	1	49	21.68	21.77	21.60		
10	QPSK	25	0	21.67	21.79	21.75	23	0.2
10	QPSK	25	12	21.59	21.64	21.55		
10	QPSK	25	25	21.62	21.62	21.57		
10	QPSK	50	0	21.66	21.74	21.68		
10	16QAM	1	0	21.68	21.55	21.64	23	0.2
10	16QAM	1	25	21.67	21.62	21.68		
10	16QAM	1	49	21.63	21.63	21.62		
10	16QAM	25	0	20.26	20.41	20.35	22	1.2
10	16QAM	25	12	20.32	20.42	20.49		
10	16QAM	25	25	20.42	20.47	20.41		
10	16QAM	50	0	20.40	20.43	20.44		
10	64QAM	1	0	20.55	20.37	20.57	22	1.2
10	64QAM	1	25	20.38	20.57	20.50		
10	64QAM	1	49	20.50	20.58	20.40		
10	64QAM	25	0	19.37	19.41	19.46	21	2.2
10	64QAM	25	12	19.37	19.41	19.48		
10	64QAM	25	25	19.45	19.51	19.46		
10	64QAM	50	0	19.47	19.40	19.46		
10	256QAM	1	0	17.31	17.30	17.20	19	4.2
10	256QAM	1	25	17.39	17.38	17.30		
10	256QAM	1	49	17.48	17.44	17.25		
10	256QAM	25	0	17.34	17.24	17.21	19	4.2
10	256QAM	25	12	17.18	17.34	17.36		
10	256QAM	25	25	17.25	17.31	17.32		
10	256QAM	50	0	17.19	17.36	17.28		
Channel				26715	26865	27015	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	0	21.81	21.84	21.88	23.2	0
5	QPSK	1	12	21.76	21.80	21.75		
5	QPSK	1	24	21.78	21.80	21.62		
5	QPSK	12	0	21.70	21.73	21.79	23	0.2
5	QPSK	12	7	21.63	21.58	21.59		
5	QPSK	12	13	21.59	21.63	21.52		
5	QPSK	25	0	21.69	21.73	21.61		
5	16QAM	1	0	21.69	21.56	21.64	23	0.2
5	16QAM	1	12	21.66	21.59	21.69		
5	16QAM	1	24	21.63	21.57	21.57		
5	16QAM	12	0	20.29	20.39	20.43	22	1.2
5	16QAM	12	7	20.39	20.41	20.43		
5	16QAM	12	13	20.43	20.43	20.43		
5	16QAM	25	0	20.47	20.40	20.37		
5	64QAM	1	0	20.62	20.45	20.48	22	1.2
5	64QAM	1	12	20.40	20.60	20.47		
5	64QAM	1	24	20.50	20.49	20.37		
5	64QAM	12	0	19.41	19.42	19.49	21	2.2
5	64QAM	12	7	19.44	19.48	19.55		
5	64QAM	12	13	19.44	19.53	19.45		
5	64QAM	25	0	19.42	19.32	19.47		
5	256QAM	1	0	17.32	17.32	17.27	19	4.2
5	256QAM	1	12	17.47	17.33	17.30		
5	256QAM	1	24	17.44	17.44	17.29		
5	256QAM	12	0	17.31	17.22	17.23	19	4.2
5	256QAM	12	7	17.29	17.28	17.31		
5	256QAM	12	13	17.31	17.38	17.39		
5	256QAM	25	0	17.25	17.42	17.37		
Channel				26705	26865	27025	Tune-up limit	MPR
Frequency (MHz)				815.5	831.5	847.5	(dBm)	(dB)
3	QPSK	1	0	21.80	21.82	21.75	23.2	0
3	QPSK	1	8	21.79	21.86	21.76		
3	QPSK	1	14	21.70	21.76	21.66		
3	QPSK	8	0	21.76	21.79	21.76	23	0.2
3	QPSK	8	4	21.62	21.68	21.56		
3	QPSK	8	7	21.61	21.55	21.55		
3	QPSK	15	0	21.63	21.76	21.64		
3	16QAM	1	0	21.66	21.62	21.65	23	0.2
3	16QAM	1	8	21.65	21.63	21.65		
3	16QAM	1	14	21.67	21.62	21.54		
3	16QAM	8	0	20.31	20.46	20.32	22	1.2
3	16QAM	8	4	20.30	20.40	20.44		
3	16QAM	8	7	20.37	20.50	20.45		
3	16QAM	15	0	20.49	20.43	20.38		
3	64QAM	1	0	20.63	20.40	20.54	22	1.2
3	64QAM	1	8	20.42	20.54	20.55		
3	64QAM	1	14	20.51	20.53	20.42		
3	64QAM	8	0	19.37	19.38	19.38	21	2.2
3	64QAM	8	4	19.45	19.49	19.49		
3	64QAM	8	7	19.44	19.48	19.42		
3	64QAM	15	0	19.50	19.39	19.52		
3	256QAM	1	0	17.32	17.30	17.24	19	4.2
3	256QAM	1	8	17.45	17.33	17.31		
3	256QAM	1	14	17.49	17.43	17.28		
3	256QAM	8	0	17.31	17.25	17.23	19	4.2
3	256QAM	8	4	17.24	17.29	17.29		
3	256QAM	8	7	17.30	17.38	17.44		
3	256QAM	15	0	17.19	17.38	17.28		
Channel				26697	26865	27033	Tune-up limit	MPR
Frequency (MHz)				814.7	831.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	21.81	21.84	21.84	23.2	0
1.4	QPSK	1	3	21.81	21.86	21.66		
1.4	QPSK	1	5	21.71	21.81	21.58		
1.4	QPSK	3	0	21.75	21.78	21.74		
1.4	QPSK	3	1	21.63	21.69	21.59		
1.4	QPSK	3	3	21.56	21.60	21.60		
1.4	QPSK	6	0	21.69	21.72	21.69	23	0.2
1.4	16QAM	1	0	21.69	21.63	21.71	23	0.2
1.4	16QAM	1	3	21.60	21.61	21.60		
1.4	16QAM	1	5	21.67	21.57	21.57		
1.4	16QAM	3	0	20.30	20.42	20.37		
1.4	16QAM	3	1	20.29	20.41	20.46		
1.4	16QAM	3	3	20.37	20.44	20.43		
1.4	16QAM	6	0	20.46	20.42	20.40	22	1.2
1.4	64QAM	1	0	20.58	20.34	20.56	22	1.2
1.4	64QAM	1	3	20.36	20.58	20.45		
1.4	64QAM	1	5	20.53	20.56	20.38		
1.4	64QAM	3	0	19.40	19.33	19.42		
1.4	64QAM	3	1	19.42	19.45	19.51		
1.4	64QAM	3	3	19.48	19.48	19.41		
1.4	64QAM	6	0	19.47	19.37	19.48	21	2.2
1.4	256QAM	1	0	17.27	17.31	17.27	19	4.2
1.4	256QAM	1	3	17.37	17.33	17.28		
1.4	256QAM	1	5	17.40	17.45	17.25		
1.4	256QAM	3	0	17.28	17.25	17.16		
1.4	256QAM	3	1	17.26	17.33	17.29		
1.4	256QAM	3	3	17.30	17.42	17.32		
1.4	256QAM	6	0	17.27	17.38	17.27	19	4.2

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.48		20	0
10	QPSK	1	25		19.40			
10	QPSK	1	49		19.38			
10	QPSK	25	0		19.47		20	0
10	QPSK	25	12		19.38			
10	QPSK	25	25		19.32			
10	QPSK	50	0		19.30			
10	16QAM	1	0		19.33		20	0
10	16QAM	1	25		19.36			
10	16QAM	1	49		19.28			
10	16QAM	25	0		19.31		20	0
10	16QAM	25	12		19.30			
10	16QAM	25	25		19.41			
10	16QAM	50	0		19.36			
10	64QAM	1	0		19.32		20	0
10	64QAM	1	25		19.33			
10	64QAM	1	49		19.45			
10	64QAM	25	0		19.43		20	0
10	64QAM	25	12		19.39			
10	64QAM	25	25		19.29			
10	64QAM	50	0		19.29			
10	256QAM	1	0		18.35		19	1
10	256QAM	1	25		18.29			
10	256QAM	1	49		18.24			
10	256QAM	25	0		18.31		19	1
10	256QAM	25	12		18.31			
10	256QAM	25	25		18.18			
10	256QAM	50	0		18.21			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	19.30	19.40	19.28	20	0
5	QPSK	1	12	19.34	19.34	19.39		
5	QPSK	1	24	19.33	19.33	19.27		
5	QPSK	12	0	19.20	19.33	19.25	20	0
5	QPSK	12	7	19.24	19.35	19.18		
5	QPSK	12	13	19.16	19.27	19.29		
5	QPSK	25	0	19.22	19.19	19.25		
5	16QAM	1	0	19.27	19.25	19.18	20	0
5	16QAM	1	12	19.22	19.33	19.27		
5	16QAM	1	24	19.20	19.20	19.30		
5	16QAM	12	0	19.31	19.30	19.21	20	0
5	16QAM	12	7	19.21	19.27	19.21		
5	16QAM	12	13	19.18	19.31	19.32		
5	16QAM	25	0	19.25	19.34	19.35		
5	64QAM	1	0	19.22	19.22	19.18	20	0
5	64QAM	1	12	19.22	19.27	19.18		
5	64QAM	1	24	19.23	19.33	19.30		
5	64QAM	12	0	19.26	19.33	19.19	20	0
5	64QAM	12	7	19.15	19.34	19.32		
5	64QAM	12	13	19.19	19.22	19.26		
5	64QAM	25	0	19.28	19.22	19.26		
5	256QAM	1	0	18.18	18.30	18.16	19	1
5	256QAM	1	12	18.07	18.18	18.19		
5	256QAM	1	24	18.08	18.23	18.17		
5	256QAM	12	0	18.14	18.20	18.11	19	1
5	256QAM	12	7	18.22	18.27	18.11		
5	256QAM	12	13	18.05	18.13	18.15		
5	256QAM	25	0	18.18	18.14	18.12		

Band 30_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		14.51		15	0
10	QPSK	1	25		14.48			
10	QPSK	1	49		14.35			
10	QPSK	25	0		14.49		15	0
10	QPSK	25	12		14.47			
10	QPSK	25	25		14.41			
10	QPSK	50	0		14.34			
10	16QAM	1	0		14.48		15	0
10	16QAM	1	25		14.47			
10	16QAM	1	49		14.42			
10	16QAM	25	0		14.44		15	0
10	16QAM	25	12		14.47			
10	16QAM	25	25		14.40			
10	16QAM	50	0		14.50			
10	64QAM	1	0		14.50		15	0
10	64QAM	1	25		14.43			
10	64QAM	1	49		14.37			
10	64QAM	25	0		14.44		15	0
10	64QAM	25	12		14.45			
10	64QAM	25	25		14.39			
10	64QAM	50	0		14.34			
10	256QAM	1	0		14.42		15	0
10	256QAM	1	25		14.40			
10	256QAM	1	49		14.41			
10	256QAM	25	0		14.42		15	0
10	256QAM	25	12		14.35			
10	256QAM	25	25		14.41			
10	256QAM	50	0		14.47			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	14.35	14.40	14.32	15	0
5	QPSK	1	12	14.18	14.45	14.36		
5	QPSK	1	24	14.34	14.34	14.43		
5	QPSK	12	0	14.13	14.31	14.30	15	0
5	QPSK	12	7	14.26	14.38	14.27		
5	QPSK	12	13	14.26	14.40	14.17		
5	QPSK	25	0	14.15	14.23	14.25		
5	16QAM	1	0	14.30	14.32	14.35	15	0
5	16QAM	1	12	14.14	14.39	14.22		
5	16QAM	1	24	14.29	14.40	14.36		
5	16QAM	12	0	14.26	14.37	14.36	15	0
5	16QAM	12	7	14.08	14.32	14.25		
5	16QAM	12	13	14.10	14.32	14.31		
5	16QAM	25	0	14.19	14.34	14.41		
5	64QAM	1	0	14.16	14.41	14.20	15	0
5	64QAM	1	12	14.07	14.32	14.23		
5	64QAM	1	24	14.16	14.31	14.20		
5	64QAM	12	0	14.23	14.31	14.27	15	0
5	64QAM	12	7	14.22	14.37	14.19		
5	64QAM	12	13	14.11	14.25	14.25		
5	64QAM	25	0	14.26	14.21	14.30		
5	256QAM	1	0	14.30	14.38	14.31	15	0
5	256QAM	1	12	14.29	14.36	14.33		
5	256QAM	1	24	14.25	14.37	14.40		
5	256QAM	12	0	14.19	14.29	14.25	15	0
5	256QAM	12	7	14.15	14.17	14.38		
5	256QAM	12	13	14.16	14.33	14.43		
5	256QAM	25	0	14.16	14.37	14.22		

Band 66_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1710.7	1745.0	1779.3		
1.4	QPSK	1	0	22.42	22.48	22.43	23	0
1.4	QPSK	1	3	22.42	22.47	22.41		
1.4	QPSK	1	5	22.42	22.47	22.41		
1.4	QPSK	3	0	21.42	21.47	21.41	22	0
1.4	QPSK	3	2	21.42	21.47	21.41		
1.4	QPSK	3	3	21.42	21.47	21.41		
1.4	QPSK	6	0	20.42	20.47	20.41	21	1
1.4	QPSK	6	1	20.42	20.47	20.41		
1.4	QPSK	6	2	20.42	20.47	20.41		
1.4	16-QAM	1	0	21.42	21.47	21.41	22	0
1.4	16-QAM	1	3	21.42	21.47	21.41		
1.4	16-QAM	1	5	21.42	21.47	21.41		
1.4	16-QAM	3	0	20.42	20.47	20.41	21	1
1.4	16-QAM	3	2	20.42	20.47	20.41		
1.4	16-QAM	3	3	20.42	20.47	20.41		
1.4	16-QAM	6	0	19.42	19.47	19.41	20	2
1.4	16-QAM	6	1	19.42	19.47	19.41		
1.4	16-QAM	6	2	19.42	19.47	19.41		
Channel				131072	132072	133072		
Frequency [MHz]				1711.5	1746.0	1780.5		
3	QPSK	1	0	22.42	22.48	22.43	23	0
3	QPSK	1	7	22.42	22.47	22.41		
3	QPSK	1	14	22.42	22.47	22.41		
3	QPSK	8	0	21.42	21.47	21.41	22	0
3	QPSK	8	4	21.42	21.47	21.41		
3	QPSK	8	7	21.42	21.47	21.41		
3	QPSK	15	0	20.42	20.47	20.41	21	1
3	QPSK	15	8	20.42	20.47	20.41		
3	QPSK	15	7	20.42	20.47	20.41		
3	16-QAM	1	0	21.42	21.47	21.41	22	0
3	16-QAM	1	7	21.42	21.47	21.41		
3	16-QAM	1	14	21.42	21.47	21.41		
3	16-QAM	8	0	20.42	20.47	20.41	21	1
3	16-QAM	8	4	20.42	20.47	20.41		
3	16-QAM	8	7	20.42	20.47	20.41		
3	16-QAM	15	0	19.42	19.47	19.41	20	2
3	16-QAM	15	8	19.42	19.47	19.41		
3	16-QAM	15	7	19.42	19.47	19.41		
Channel				131172	132172	133172		
Frequency [MHz]				1712.5	1747.0	1781.5		
5	QPSK	1	0	22.42	22.48	22.43	23	0
5	QPSK	1	12	22.42	22.47	22.41		
5	QPSK	1	24	22.42	22.47	22.41		
5	QPSK	12	0	21.42	21.47	21.41	22	0
5	QPSK	12	6	21.42	21.47	21.41		
5	QPSK	12	12	21.42	21.47	21.41		
5	QPSK	25	0	20.42	20.47	20.41	21	1
5	QPSK	25	13	20.42	20.47	20.41		
5	QPSK	25	12	20.42	20.47	20.41		
5	16-QAM	1	0	21.42	21.47	21.41	22	0
5	16-QAM	1	12	21.42	21.47	21.41		
5	16-QAM	1	24	21.42	21.47	21.41		
5	16-QAM	12	0	20.42	20.47	20.41	21	1
5	16-QAM	12	6	20.42	20.47	20.41		
5	16-QAM	12	12	20.42	20.47	20.41		
5	16-QAM	25	0	19.42	19.47	19.41	20	2
5	16-QAM	25	13	19.42	19.47	19.41		
5	16-QAM	25	12	19.42	19.47	19.41		
Channel				131272	132272	133272		
Frequency [MHz]				1714.7	1749.0	1783.3		
10	QPSK	1	0	22.42	22.48	22.43	23	0
10	QPSK	1	25	22.42	22.47	22.41		
10	QPSK	1	49	22.42	22.47	22.41		
10	QPSK	25	0	21.42	21.47	21.41	22	0
10	QPSK	25	13	21.42	21.47	21.41		
10	QPSK	25	25	21.42	21.47	21.41		
10	QPSK	50	0	20.42	20.47	20.41	21	1
10	QPSK	50	25	20.42	20.47	20.41		
10	QPSK	50	50	20.42	20.47	20.41		
10	16-QAM	1	0	21.42	21.47	21.41	22	0
10	16-QAM	1	25	21.42	21.47	21.41		
10	16-QAM	1	49	21.42	21.47	21.41		
10	16-QAM	25	0	20.42	20.47	20.41	21	1
10	16-QAM	25	13	20.42	20.47	20.41		
10	16-QAM	25	25	20.42	20.47	20.41		
10	16-QAM	50	0	19.42	19.47	19.41	20	2
10	16-QAM	50	25	19.42	19.47	19.41		
10	16-QAM	50	50	19.42	19.47	19.41		
Channel				131572	132572	133572		
Frequency [MHz]				1717.5	1752.0	1786.5		
20	QPSK	1	0	22.42	22.48	22.43	23	0
20	QPSK	1	50	22.42	22.47	22.41		
20	QPSK	1	99	22.42	22.47	22.41		
20	QPSK	50	0	21.42	21.47	21.41	22	0
20	QPSK	50	25	21.42	21.47	21.41		
20	QPSK	50	50	21.42	21.47	21.41		
20	QPSK	100	0	20.42	20.47	20.41	21	1
20	QPSK	100	50	20.42	20.47	20.41		
20	QPSK	100	100	20.42	20.47	20.41		
20	16-QAM	1	0	21.42	21.47	21.41	22	0
20	16-QAM	1	50	21.42	21.47	21.41		
20	16-QAM	1	99	21.42	21.47	21.41		
20	16-QAM	50	0	20.42	20.47	20.41	21	1
20	16-QAM	50	25	20.42	20.47	20.41		
20	16-QAM	50	50	20.42	20.47	20.41		
20	16-QAM	100	0	19.42	19.47	19.41	20	2
20	16-QAM	100	50	19.42	19.47	19.41		
20	16-QAM	100	100	19.42	19.47	19.41		

Band 66_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1710.7	1745.0	1779.3		
1.4	QPSK	1	0	22.42	22.48	22.43	23	0
1.4	QPSK	1	3	22.42	22.47	22.41		
1.4	QPSK	1	5	22.42	22.47	22.41		
1.4	QPSK	3	0	21.42	21.47	21.41	22	0
1.4	QPSK	3	2	21.42	21.47	21.41		
1.4	QPSK	3	3	21.42	21.47	21.41		
1.4	QPSK	6	0	20.42	20.47	20.41	21	1
1.4	QPSK	6	1	20.42	20.47	20.41		
1.4	QPSK	6	2	20.42	20.47	20.41		
1.4	16-QAM	1	0	21.42	21.47	21.41	22	0
1.4	16-QAM	1	3	21.42	21.47	21.41		
1.4	16-QAM	1	5	21.42	21.47	21.41		
1.4	16-QAM	3	0	20.42	20.47	20.41	21	1
1.4	16-QAM	3	2	20.42	20.47	20.41		
1.4	16-QAM	3	3	20.42	20.47	20.41		
1.4	16-QAM	6	0	19.42	19.47	19.41	20	2
1.4	16-QAM	6	1	19.42	19.47	19.41		
1.4	16-QAM	6	2	19.42	19.47	19.41		
Channel				131072	132072	133072		
Frequency [MHz]				1711.5	1746.0	1780.5		
3	QPSK	1	0	22.42	22.48	22.43	23	0
3	QPSK	1	7	22.42	22.47	22.41		
3	QPSK	1	14	22.42	22.47	22.41		
3	QPSK	8	0	21.42	21.47	21.41	22	0
3	QPSK	8	4	21.42	21.47	21.41		
3	QPSK	8	7	21.42	21.47	21.41		
3	QPSK	15	0	20.42	20.47	20.41	21	1
3	QPSK	15	8	20.42	20.47	20.41		
3	QPSK	15	7	20.42	20.47	20.41		
3	16-QAM	1	0	21.42	21.47	21.41	22	0
3	16-QAM	1	7	21.42	21.47	21.41		
3	16-QAM	1	14	21.42	21.47	21.41		
3	16-QAM	8	0	20.42	20.47	20.41	21	1
3	16-QAM	8	4	20.42	20.47	20.41		
3	16-QAM	8	7	20.42	20.47	20.41		
3	16-QAM	15	0	19.42	19.47	19.41	20	2
3	16-QAM	15	8	19.42	19.47	19.41		
3	16-QAM	15	7	19.42	19.47	19.41		
Channel				131172	132172	133172		
Frequency [MHz]				1712.5	1747.0	1781.5		
5	QPSK	1	0	22.42	22.48	22.43	23	0
5	QPSK	1	12	22.42	22.47	22.41		
5	QPSK	1	24	22.42	22.47	22.41		
5	QPSK	12	0	21.42	21.47	21.41	22	0
5	QPSK	12	6	21.42	21.47	21.41		
5	QPSK	12	12	21.42	21.47	21.41		
5	QPSK	25	0	20.42	20.47	20.41	21	1
5	QPSK	25	13	20.42	20.47	20.41		
5	QPSK	25	12	20.42	20.47	20.41		
5	16-QAM	1	0	21.42	21.47	21.41	22	0
5	16-QAM	1	12	21.42	21.47	21.41		
5	16-QAM	1	24	21.42	21.47	21.41		
5	16-QAM	12	0	20.42	20.47	20.41	21	1
5	16-QAM	12	6	20.42	20.47	20.41		
5	16-QAM	12	12	20.42	20.47	20.41		
5	16-QAM	25	0	19.42	19.47	19.41	20	2
5	16-QAM	25	13	19.42	19.47	19.41		
5	16-QAM	25	12	19.42	19.47	19.41		
Channel				131272	132272	133272		
Frequency [MHz]				1714.7	1749.0	1783.3		
10	QPSK	1	0	22.42	22.48	22.43	23	0
10	QPSK	1	25	22.42	22.47	22.41		
10	QPSK	1	49	22.42	22.47	22.41		
10	QPSK	25	0	21.42	21.47	21.41	22	0
10	QPSK	25	13	21.42	21.47	21.41		
10	QPSK	25	25	21.42	21.47	21.41		
10	QPSK	50	0	20.42	20.47	20.41	21	1
10	QPSK	50	25	20.42	20.47	20.41		
10	QPSK	50	50	20.42	20.47	20.41		
10	16-QAM	1	0	21.42	21.47	21.41	22	0
10	16-QAM	1	25	21.42	21.47	21.41		
10	16-QAM	1	49	21.42	21.47	21.41		
10	16-QAM	25	0	20.42	20.47	20.41	21	1
10	16-QAM	25	13	20.42	20.47	20.41		
10	16-QAM	25	25	20.42	20.47	20.41		
10	16-QAM	50	0	19.42	19.47	19.41	20	2
10	16-QAM	50	25	19.42	19.47	19.41		
10	16-QAM	50	50	19.42	19.47	19.41		
Channel				131572	132572	133572		
Frequency [MHz]				1717.5	1752.0	1786.5		
20	QPSK	1	0	22.42	22.48	22.43	23	0
20	QPSK	1	50	22.42	22.47	22.41		
20	QPSK	1	99	22.42	22.47	22.41		
20	QPSK	50	0	21.42	21.47	21.41	22	0
20	QPSK	50	25	21.42	21.47	21.41		
20	QPSK	50	50	21.42	21.47	21.41		
20	QPSK	100	0	20.42	20.47	20.41	21	1
20	QPSK	100	50	20.42	20.47	20.41		
20	QPSK	100	100	20.42	20.47	20.41		
20	16-QAM	1	0	21.42	21.47	21.41	22	0
20	16-QAM	1	50	21.42	21.47	21.41		
20	16-QAM	1	99	21.42	21.47	21.41		
20	16-QAM	50	0	20.42	20.47	20.41	21	1
20	16-QAM	50	25	20.42	20.47	20.41		
20	16-QAM	50	50	20.42	20.47	20.41		
20	16-QAM	100	0	19.42	19.47	19.41	20	2
20	16-QAM	100	50	19.42	19.47	19.41		
20	16-QAM	100	100	19.42	19.47	19.41		

Band 71_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				663.7	698.0	732.3		
1.4	QPSK	1	0	22.42	22.48	22.43	23	0
1.4	QPSK	1	3	22.42	22.47	22.41		
1.4	QPSK	1	5	22.42	22.47	22.41		
1.4	QPSK	3	0	21.42	21.47	21.41	22	0
1.4	QPSK	3	2	21.42	21.47	21.41		
1.4	QPSK	3	3	21.42	21.47	21.41		
1.4	QPSK	6	0	20.42	20.47	20.41	21	1
1.4	QPSK	6	1	20.42	20.47	20.41		
1.4	QPSK	6	2	20.42	20.47	20.41		
1.4	16-QAM	1	0	21.42	21.47	21.41	22	0
1.4	16-QAM	1	3	21.42	21.47	21.41		
1.4	16-QAM	1	5	21.42	21.47	21.41		
1.4	16-QAM	3	0	20.42	20.47	20.41	21	1
1.4	16-QAM	3	2	20.42	20.47	20.41		
1.4	16-QAM	3	3	20.42	20.47	20.41		
1.4	16-QAM	6	0	19.42	19.47	19.41	20	2
1.4	16-QAM	6	1	19.42	19.47	19.41		
1.4	16-QAM	6	2	19.42	19.47	19.41		
Channel				133122	134022	134922		
Frequency [MHz]				664.5	699.0	733.5		
3	QPSK	1	0	22.42	22.48	22.43	23	0
3	QPSK	1	7	22.42	22.47	22.41		
3	QPSK	1	14	22.42	22.47	22.41		
3	QPSK	8	0	21.42	21.47	21.41	22	0
3	QPSK	8	4	21.42	21.47	21.41		
3	QPSK	8	7	21.42	21.47	21.41		
3	QPSK	15	0	20.42	20.47	20.41	21	1
3	QPSK	15	8	20.42	20.47	20.41		
3	QPSK	15	7	20.42	20.47	20.41		
3	16-QAM	1	0	21.42	21.47	21.41	22	0
3	16-QAM	1	7	21.42	21.47	21.41		
3	16-QAM	1	14	21.42	21.47	21.41		
3	16-QAM	8	0	20.42	20.47	20.41	21	1
3	16-QAM	8	4	20.42	20.47	20.41		
3	16-QAM	8	7	20.42	20.47	20.41		
3	16-QAM	15	0	19.42	19.47	19.41	20	2
3	16-QAM	15	8	19.42	19.47	19.41		
3	16-QAM	15	7	19.42	19.47	19.41		
Channel				133222	134022	134822		
Frequency [MHz]				665.5	699.0	732.5		
5	QPSK	1	0	22.42	22.48	22.43	23	0
5	QPSK	1	12	22.42	22.47	22.41		
5	QPSK	1	24	22.42	22.47	22.41		
5	QPSK	12	0	21.42	21.47	21.41	22	0
5	QPSK	12	6	21.42	21.47	21.41		
5	QPSK	12	12	21.42	21.47	21.41		
5	QPSK	25	0	20.42	20.47	20.41	21	1
5	QPSK	25	13	20.42	20.47	20.41		
5	QPSK	25	12	20.42	20.47	20.41		
5	16-QAM	1	0	21.42	21.47	21.41	22	0
5	16-QAM	1	12	21.42	21.47	21.41		
5	16-QAM	1	24	21.42	21.47	21.41		
5	16-QAM	12	0	20.42	20.47	20.41	21	1
5	16-QAM	12	6	20.42	20.47	20.41		
5	16-QAM	12	12	20.42	20.47	20.41		
5	16-QAM	25	0	19.42	19.47	19.41	20	2
5	16-QAM	25	13	19.42	19.47	19.41		
5	16-QAM	25	12	19.42	19.47	19.41		
Channel				133372	134022	134672		
Frequency [MHz]				668.5	699.0	729.5		
10	QPSK	1	0	22.42	22.48	22.43	23	0
10	QPSK	1	25	22.42	22.47	22.41		
10	QPSK	1	49	22.42	22.47	22.41		
10	QPSK	25	0	21.42	21.47	21.41	22	0
10	QPSK	25	13	21.42	21.47	21.41		
10	QPSK	25	25	21.42	21.47	21.41		
10	QPSK	50	0	20.42	20.47	20.41	21	1
10	QPSK	50	25	20.42	20.47	20.41		
10	QPSK	50	50	20.42	20.47	20.41		
10	16-QAM	1	0	21.42	21.47	21.41	22	0
10	16-QAM	1	25	21.42	21.47	21.41		
10	16-QAM	1	49	21.42	21.47	21.41		
10	16-QAM	25	0	20.42	20.47	20.41	21	1
10	16-QAM	25	13	20.42	20.47	20.41		
10	16-QAM	25	25	20.42	20.47	20.41		
10	16-QAM	50	0	19.42	19.47	19.41	20	2
10	16-QAM	50	25	19.42	19.47	19.41		
10	16-QAM	50	50	19.42	19.47	19.41		
Channel				133672	134022	134372		
Frequency [MHz]				671.5	699.0	726.5		
20	QPSK	1	0	22.42	22.48	22.43	23	0
20	QPSK	1	50	22.42	22.47	22.41		
20	QPSK	1	99	22.42	22.47	22.41		
20	QPSK	50	0	21.42	21.47	21.41	22	0
20	QPSK	50	25	21.42	21.47	21.41		
20	QPSK	50	50	21.42	21.47	21.41		
20	QPSK	100	0	20.42	20.47	20.41	21	1
20	QPSK	100	50	20.42	20.47	20.41		
20	QPSK	100	100	20.42	20.47	20.41		
20	16-QAM	1	0	21.42	21.47	21.41	22	0
20	16-QAM	1	50	21.42	21.47	21.41		
20	16-QAM	1	99	21.42	21.47	21.41		
20	16-QAM	50	0	20.42	20.47	20.41	21	1
20	16-QAM	50	25	20.42	20.47	20.41		
20	16-QAM	50	50	20.42	20.47	20.41		
20	16-QAM	100	0	19.42	19.47	19.41	20	2
20	16-QAM	100	50	19.42	19.47	19.41		
20	16-QAM	100	100	19.42	19.47	19.41		

Band 71_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				663.7	698.0	732.3		
1.4	QPSK	1	0	22.42	22.48	22.43	23	0
1.4	QPSK	1	3	22.42	22.47	22.41		
1.4	QPSK	1	5	22.42	22.47	22.41		
1.4	QPSK	3	0	21.42	21.47	21.41	22	0
1.4	QPSK	3	2	21.42	21.47	21.41		
1.4	QPSK	3	3	21.42	21.47	21.41		
1.4	QPSK	6	0	20.42	20.47	20.41	21	1
1.4	QPSK	6	1	20.42	20.47	20.41		
1.4	QPSK	6	2	20.42	20.47	20.41		
1.4	16-QAM	1	0	21.42	21.47	21.41	22	0
1.4	16-QAM	1	3	21.42	21.47	21.41		
1.4	16-QAM	1	5	21.42	21.47	21.41		
1.4	16-QAM	3	0	20.42	20.47	20.41	21	1
1.4	16-QAM	3	2	20.42	20.47	20.41		
1.4	16-QAM	3	3	20.42	20.47	20.41		
1.4	16-QAM	6	0	19.42	19.47	19.41	20	2
1.4	16-QAM	6	1	19.42	19.47	19.41		
1.4	16-QAM	6	2	19.42	19.47	19.41		
Channel				133122	134022	134922		
Frequency [MHz]				664.5	699.0	733.5		
3	QPSK	1	0	22.42	22.48	22.43	23	0
3	QPSK	1	7	22.42	22.47	22.41		
3	QPSK	1	14	22.42	22.47	22.41		
3	QPSK	8	0	21.42	21.47	21.41	22	0
3	QPSK	8	4	21.42	21.47	21.41		
3	QPSK	8	7	21.42	21.47	21.41		
3	QPSK	15	0	20.42	20.47	20.41	21	1
3	QPSK	15	8	20.42	20.47	20.41		
3	QPSK	15	7	20.42	20.47	20.41		
3	16-QAM	1	0	21.42	21.47	21.41	22	0
3	16-QAM	1	7	21.42	21.47	21.41		
3	16-QAM	1	14	21.42	21.47	21.41		
3	16-QAM	8	0	20.42	20.47	20.41	21	1
3	16-QAM	8	4	20.42	20.47	20.41		
3	16-QAM	8	7	20.42	20.47	20.41		
3	16-QAM	15	0	19.42	19.47	19.41	20	2
3	16-QAM	15	8	19.42	19.47	19.41		
3	16-QAM	15	7	19.42	19.47	19.41		
Channel				133222	134022	134822		
Frequency [MHz]				665.5	699.0	732.5		
5	QPSK	1	0	22.42	22.48	22.43	23	0
5	QPSK	1	12	22.42	22.47	22.41		
5	QPSK	1	24	22.42	22.47	22.41		
5	QPSK	12	0	21.42	21.47	21.41	22	0
5	QPSK	12	6	21.42	21.47	21.41		
5	QPSK	12	12	21.42	21.47	21.41		
5	QPSK	25	0	20.42	20.47	20.41	21	1
5	QPSK	25	13	20.42	20.47	20.41		
5	QPSK	25	12	20.42	20.47	20.41		
5	16-QAM	1	0	21.42	21.47	21.41	22	0
5	16-QAM	1	12	21.42	21.47	21.41		
5	16-QAM	1	24	21.42	21.47	21.41		
5	16-QAM	12	0	20.42	20.47	20.41	21	1
5	16-QAM	12	6	20.42	20.47	20.41		
5	16-QAM	12	12	20.42	20.47	20.41		
5	16-QAM	25	0	19.42	19.47	19.41	20	2
5	16-QAM	25	13	19.42	19.47	19.41		
5	16-QAM	25	12	19.42	19.47	19.41		
Channel				133372	134022	134672		
Frequency [MHz]				668.5	699.0	729.5		
10	QPSK	1	0	22.42	22.48	22.43	23	0
10	QPSK	1	25	22.42	22.47	22.41		
10	QPSK	1	49	22.42	22.47	22.41		
10	QPSK	25	0	21.42	21.47	21.41	22	0
10	QPSK	25	13	21.42	21.47	21.41		
10	QPSK	25	25	21.42	21.47	21.41		
10	QPSK	50	0	20.42	20.47	20.41	21	1
10	QPSK	50	25	20.42	20.47	20.41		
10	QPSK	50	50	20.42	20.47	20.41		
10	16-QAM	1	0	21.42	21.47	21.41	22	0
10	16-QAM	1	25	21.42	21.47	21.41		
10	16-QAM	1	49	21.42	21.47	21.41		
10	16-QAM	25	0	20.42	20.47	20.41	21	1
10	16-QAM	25	13	20.42	20.47	20.41		
10	16-QAM	25	25	20.42	20.47	20.41		
10	16-QAM	50	0	19.42	19.47	19.41	20	2
10	16-QAM	50	25	19.42	19.47	19.41		
10	16-QAM	50	50	19.42	19

Band 38_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2560	2595	2630		
20	QPSK	1	0	17.65	17.57	17.62	19.1	0
20	QPSK	1	49	17.61	17.47	17.61		
20	QPSK	1	99	17.58	17.50	17.54		
20	QPSK	50	0	17.63	17.51	17.62	19.1	0
20	QPSK	50	24	17.61	17.56	17.55		
20	QPSK	50	50	17.55	17.47	17.56		
20	QPSK	100	0	17.57	17.46	17.54		
20	16QAM	1	0	17.54	17.40	17.54	19.1	0
20	16QAM	1	49	17.50	17.39	17.50		
20	16QAM	1	99	17.54	17.44	17.51		
20	16QAM	50	0	17.57	17.46	17.43	19.1	0
20	16QAM	50	24	17.53	17.36	17.50		
20	16QAM	50	50	17.53	17.55	17.60		
20	16QAM	100	0	17.53	17.40	17.59		
20	64QAM	1	0	17.64	17.45	17.58	19.1	0
20	64QAM	1	49	17.59	17.46	17.54		
20	64QAM	1	99	17.59	17.42	17.51		
20	64QAM	50	0	17.48	17.40	17.42	19.1	0
20	64QAM	50	24	17.47	17.39	17.52		
20	64QAM	50	50	17.53	17.55	17.54		
20	64QAM	100	0	17.61	17.36	17.49		
20	256QAM	1	0	17.58	17.52	17.64	19	0.1
20	256QAM	1	49	17.75	17.57	17.60		
20	256QAM	1	99	17.66	17.63	17.71		
20	256QAM	50	0	17.54	17.58	17.64	19	0.1
20	256QAM	50	24	17.78	17.61	17.70		
20	256QAM	50	50	17.69	17.72	17.72		
20	256QAM	100	0	17.63	17.67	17.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.63	17.48	17.62	19.1	0
15	QPSK	1	37	17.56	17.41	17.60		
15	QPSK	1	74	17.48	17.47	17.51		
15	QPSK	36	0	17.58	17.39	17.59	19.1	0
15	QPSK	36	20	17.59	17.49	17.45		
15	QPSK	36	39	17.48	17.42	17.54		
15	QPSK	75	0	17.54	17.37	17.45		
15	16QAM	1	0	17.45	17.41	17.51	19.1	0
15	16QAM	1	37	17.45	17.33	17.43		
15	16QAM	1	74	17.51	17.43	17.47		
15	16QAM	36	0	17.56	17.45	17.41	19.1	0
15	16QAM	36	20	17.49	17.26	17.44		
15	16QAM	36	39	17.49	17.49	17.56		
15	16QAM	75	0	17.44	17.37	17.53		
15	64QAM	1	0	17.59	17.44	17.54	19.1	0
15	64QAM	1	37	17.58	17.39	17.43		
15	64QAM	1	74	17.44	17.41	17.44		
15	64QAM	36	0	17.45	17.35	17.35	19.1	0
15	64QAM	36	20	17.44	17.35	17.45		
15	64QAM	36	39	17.47	17.44	17.49		
15	64QAM	75	0	17.60	17.30	17.47		
15	256QAM	1	0	17.53	17.46	17.59	19	0.1
15	256QAM	1	37	17.70	17.52	17.54		
15	256QAM	1	74	17.63	17.59	17.61		
15	256QAM	36	0	17.47	17.56	17.57	19	0.1
15	256QAM	36	20	17.71	17.54	17.68		
15	256QAM	36	39	17.65	17.66	17.65		
15	256QAM	75	0	17.59	17.60	17.57		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.64	17.50	17.52	19.1	0
10	QPSK	1	25	17.58	17.47	17.52		
10	QPSK	1	49	17.55	17.45	17.48		
10	QPSK	25	0	17.59	17.44	17.52	19.1	0
10	QPSK	25	12	17.56	17.51	17.54		
10	QPSK	25	25	17.56	17.44	17.52		
10	QPSK	50	0	17.47	17.36	17.45		
10	16QAM	1	0	17.44	17.39	17.49	19.1	0
10	16QAM	1	25	17.44	17.30	17.44		
10	16QAM	1	49	17.54	17.35	17.46		
10	16QAM	25	0	17.47	17.39	17.35	19.1	0
10	16QAM	25	12	17.49	17.33	17.40		
10	16QAM	25	25	17.45	17.45	17.54		
10	16QAM	50	0	17.44	17.36	17.54		
10	64QAM	1	0	17.62	17.39	17.53	19.1	0
10	64QAM	1	25	17.48	17.46	17.45		
10	64QAM	1	49	17.51	17.35	17.48		
10	64QAM	25	0	17.46	17.36	17.31	19.1	0
10	64QAM	25	12	17.41	17.38	17.51		
10	64QAM	25	25	17.48	17.46	17.50		
10	64QAM	50	0	17.53	17.33	17.37		
10	256QAM	1	0	17.57	17.51	17.63	19	0.1
10	256QAM	1	25	17.67	17.52	17.54		
10	256QAM	1	49	17.61	17.52	17.64		
10	256QAM	25	0	17.46	17.48	17.57	19	0.1
10	256QAM	25	12	17.70	17.60	17.66		
10	256QAM	25	25	17.61	17.67	17.67		
10	256QAM	50	0	17.63	17.62	17.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.64	17.52	17.56	19.1	0
5	QPSK	1	12	17.69	17.42	17.55		
5	QPSK	1	24	17.55	17.42	17.44		
5	QPSK	12	0	17.52	17.47	17.58	19.1	0
5	QPSK	12	7	17.51	17.55	17.51		
5	QPSK	12	13	17.51	17.41	17.49		
5	QPSK	25	0	17.50	17.44	17.52		
5	16QAM	1	0	17.47	17.40	17.45	19.1	0
5	16QAM	1	12	17.39	17.36	17.48		
5	16QAM	1	24	17.46	17.38	17.46		
5	16QAM	12	0	17.49	17.43	17.31	19.1	0
5	16QAM	12	7	17.46	17.31	17.39		
5	16QAM	12	13	17.49	17.43	17.50		
5	16QAM	25	0	17.47	17.35	17.50		
5	64QAM	1	0	17.54	17.35	17.54	19.1	0
5	64QAM	1	12	17.51	17.43	17.53		
5	64QAM	1	24	17.44	17.37	17.47		
5	64QAM	12	0	17.46	17.34	17.41	19.1	0
5	64QAM	12	7	17.38	17.36	17.47		
5	64QAM	12	13	17.48	17.46	17.44		
5	64QAM	25	0	17.53	17.28	17.43		
5	256QAM	1	0	17.53	17.52	17.58	19	0.1
5	256QAM	1	12	17.70	17.54	17.56		
5	256QAM	1	24	17.64	17.53	17.69		
5	256QAM	12	0	17.49	17.48	17.60	19	0.1
5	256QAM	12	7	17.73	17.57	17.64		
5	256QAM	12	13	17.64	17.69	17.68		
5	256QAM	25	0	17.54	17.67	17.59		

Band 41_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.61	17.63	17.71	17.73	17.91	19.1	0
20	QPSK	1	49	17.53	17.58	17.54	17.58	17.60		
20	QPSK	1	99	17.66	17.71	17.72	17.85	17.88		
20	QPSK	50	0	17.68	17.75	17.74	17.79	17.89	19.1	0
20	QPSK	50	24	17.52	17.51	17.58	17.50	17.51		
20	QPSK	50	50	17.56	17.55	17.56	17.55	17.60		
20	QPSK	100	0	17.78	17.86	17.84	17.83	17.91		
20	16QAM	1	0	17.73	17.80	17.86	17.93	18.02	19.1	0
20	16QAM	1	49	17.51	17.56	17.51	17.54	17.54		
20	16QAM	1	99	17.80	17.85	17.93	17.98	18.02		
20	16QAM	50	0	17.71	17.79	17.79	17.86	17.92	19.1	0
20	16QAM	50	24	17.58	17.53	17.49	17.60	17.53		
20	16QAM	50	50	17.53	17.52	17.57	17.52	17.61		
20	16QAM	100	0	17.83	17.94	17.88	17.84	17.94		
20	64QAM	1	0	17.40	17.46	17.51	17.58	17.68	19.1	0
20	64QAM	1	49	17.60	17.54	17.57	17.54	17.57		
20	64QAM	1	99	17.46	17.53	17.60	17.64	17.72		
20	64QAM	50	0	17.24	17.32	17.29	17.34	17.47	19.1	0
20	64QAM	50	24	17.56	17.51	17.52	17.52	17.60		
20	64QAM	50	50	17.49	17.62	17.50	17.56	17.59		
20	64QAM	100	0	17.35	17.41	17.36	17.35	17.44		
20	256QAM	1	0	17.67	17.70	17.71	17.66	17.55	19	0.1
20	256QAM	1	49	17.37	17.41	17.44	17.32	17.31		
20	256QAM	1	99	17.44	17.41	17.41	17.34	17.47		
20	256QAM	50	0	17.73	17.77	17.82	17.71	17.77	19	0.1
20	256QAM	50	24	17.67	17.81	17.80	17.83	17.69		
20	256QAM	50	50	17.68	17.81	17.81	17.74	17.68		
20	256QAM	100	0	17.70	17.74	17.85	17.65	17.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.59	17.52	17.64	17.69	17.86	19.10	0
15	QPSK	1	37	17.48	17.53	17.52	17.54	17.59		
15	QPSK	1	74	17.59	17.64	17.61	17.74	17.79		
15	QPSK	36	0	17.58	17.69	17.63	17.76	17.83	19.1	0
15	QPSK	36	20	17.43	17.49	17.54	17.42	17.40		
15	QPSK	36	39	17.48	17.51	17.46	17.54	17.58		
15	QPSK	75	0	17.71	17.81	17.81	17.81	17.86		
15	16QAM	1	0	17.63	17.79	17.75	17.91	17.91	19.1	0
15	16QAM	1	37	17.50	17.54	17.39	17.47	17.49		
15	16QAM	1	74	17.78	17.75	17.88	17.90	17.96		
15	16QAM	36	0	17.62	17.72	17.77	17.82	17.91	19.1	0
15	16QAM	36	20	17.50	17.45	17.48	17.50	17.45		
15	16QAM	36	39	17.43	17.43	17.49	17.41	17.51		
15	16QAM	75	0	17.71	17.85	17.80	17.77	17.91		
15	64QAM	1	0	17.29	17.37	17.49	17.55	17.60	19.1	0
15	64QAM	1	37	17.51	17.53	17.53	17.52	17.51		
15	64QAM	1	74	17.45	17.50	17.51	17.55	17.68		
15	64QAM	36	0	17.21	17.26	17.21	17.26	17.42	19.1	0
15	64QAM	36	20	17.48	17.43	17.48	17.47	17.59		
15	64QAM	36	39	17.47	17.55	17.46	17.49	17.47		
15	64QAM	75	0	17.31	17.39	17.32	17.32	17.33		
15	256QAM	1	0	17.60	17.65	17.70	17.57	17.50	19	0.1
15	256QAM	1	37	17.25	17.38	17.35	17.27	17.23		
15	256QAM	1	74	17.34	17.32	17.37	17.31	17.41		
15	256QAM	36	0	17.70	17.67	17.76	17.70	17.73	19	0.1
15	256QAM	36	20	17.62	17.74	17.77	17.71	17.60		
15	256QAM	36	39	17.56	17.71	17.80	17.64	17.59		
15	256QAM	75	0	17.58	17.71	17.81	17.60	17.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.59	17.54	17.61	17.69	17.79	19.10	0
10	QPSK	1	25	17.46	17.57	17.49	17.46	17.53		
10	QPSK	1	49	17.56	17.69	17.66	17.79	17.77		
10	QPSK	25	0	17.66	17.65	17.63	17.75	17.86	19.1	0
10	QPSK	25	12	17.44	17.50	17.47	17.49	17.42		
10	QPSK	25	25	17.55	17.46	17.47	17.53	17.55		
10	QPSK	50	0	17.76	17.85	17.73	17.75	17.87		
10	16QAM	1	0	17.66	17.78	17.80	17.81	17.92	19.1	0
10	16QAM	1	25	17.49	17.44	17.41	17.44	17.47		
10	16QAM	1	49	17.70	17.83	17.82	17.89	17.91		
10	16QAM	25	0	17.60	17.74	17.67	17.79	17.80	19.1	0
10	16QAM	25	12	17.52	17.49	17.39	17.57	17.50		
10	16QAM	25	25	17.45	17.43	17.55	17.45	17.55		
10	16QAM	50	0	17.71	17.84	17.81	17.80	17.88		
10	64QAM	1	0	17.31	17.41	17.47	17.47	17.58	19.1	0
10	64QAM	1	25	17.54	17.43	17.51	17.49	17.54		
10	64QAM	1	49	17.43	17.50	17.57	17.58	17.63		
10	64QAM	25	0	17.21	17.31	17.24	17.32	17.38	19.1	0
10	64QAM	25	12	17.55	17.46	17.40	17.41	17.59		
10	64QAM	25	25	17.47	17.60	17.48	17.49	17.57		
10	64QAM	50	0	17.26	17.52	17.34	17.68	17.34		
10	256QAM	1	0	17.65	17.69	17.61	17.56	17.46	19	0.1
10	256QAM	1	25	17.25	17.30	17.34	17.20	17.30		
10	256QAM	1	49	17.43	17.29	17.33	17.27	17.36		
10	256QAM	25	0	17.63	17.73	17.73	17.61	17.69	19	0.1
10	256QAM	25	12	17.60	17.74	17.72	17.75	17.65		
10	256QAM	25	25	17.62	17.69	17.74	17.72	17.58		
10	256QAM	50	0	17.66	17.71	17.73	17.64	17.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.53	17.59	17.64	17.68	17.87	19.10	0
5	QPSK	1	12	17.45	17.48	17.44	17.48	17.57		
5	QPSK	1	24	17.64	17.67	17.64	17.77	17.85		
5	QPSK	12	0	17.62	17.73	17.69	17.70	17.88	19.1	0
5	QPSK	12	7	17.45	17.44	17.51	17.41	17.48		
5	QPSK	12	13	17.44	17.46	17.51	17.52	17.52		
5	QPSK	25	0	17.75	17.82	17.74	17.80	17.88		
5	16QAM	1	0	17.63	17.72	17.85	17.82	17.97	19.1	0
5	16QAM	1	12	17.50	17.44	17.48	17.45	17.52		
5	16QAM	1	24	17.73	17.75	17.92	17.93	17.92		
5	16QAM	12	0	17.67	17.71	17.73	17.83	17.90	19.1	0
5	16QAM	12	7	17.47	17.44	17.47	17.52	17.47		
5	16QAM	12	13	17.48	17.49	17.53	17.40	17.53		
5	16QAM	25	0	17.75	17.91	17.82	17.82	17.85		
5	64QAM	1	0	17.38	17.38	17.50	17.52	17.62	19.1	0
5	64QAM	1	12	17.48	17.49	17.52	17.52	17.53		
5	64QAM	1	24	17.44	17.45	17.54	17.62	17.69		
5	64QAM	12	0	17.22	17.27	17.17	17.29	17.36	19.1	0
5	64QAM	12	7	17.48	17.50	17.48	17.46	17.55		
5	64QAM	12	13	17.40	17.50	17.41	17.44	17.52		
5	64QAM	25	0	17.27	17.40	17.31	17.31	17.37		
5	256QAM	1	0	17.61	17.60	17.69	17.55	17.52	19	0.1
5	256QAM	1	12	17.31	17.29	17.39	17.25	17.28		
5	256QAM	1	24	17.39	17.40	17.30	17.33	17.38		
5	256QAM	12	0	17.62	17.66	17.70	17.60	17.75	19	0.1
5	256QAM	12	7	17.56	17.75	17.68	17.71	17.59		
5	256QAM	12	13	17.61	17.75	17.69	17.67	17.62		
5	256QAM	25	0	17.61	17.72	17.82	17.54	17.75		

Band 41_Ant1（HPUE）

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.37	19.46	19.53	19.56	19.72	20.7	0
20	QPSK	1	49	19.26	19.38	19.55	19.55	19.62		
20	QPSK	1	99	19.47	19.54	19.60	19.66	19.69		
20	QPSK	50	0	19.51	19.60	19.57	19.64	19.71	20.7	0
20	QPSK	50	24	19.27	19.35	19.55	19.60	19.59		
20	QPSK	50	50	19.31	19.35	19.59	19.54	19.66		
20	QPSK	100	0	19.63	19.72	19.65	19.66	19.75		
20	16QAM	1	0	19.68	19.81	19.81	19.87	19.89	20.7	0
20	16QAM	1	49	19.26	19.42	19.58	19.59	19.58		
20	16QAM	1	99	19.72	19.80	19.83	19.85	19.93		
20	16QAM	50	0	19.51	19.66	19.62	19.66	19.71	20.7	0
20	16QAM	50	24	19.35	19.42	19.57	19.54	19.65		
20	16QAM	50	50	19.25	19.36	19.52	19.63	19.63		
20	16QAM	100	0	19.63	19.74	19.67	19.66	19.74		
20	64QAM	1	0	19.44	19.60	19.58	19.66	19.71	20.7	0
20	64QAM	1	49	19.25	19.35	19.49	19.63	19.64		
20	64QAM	1	99	19.63	19.83	19.69	19.68	19.75		
20	64QAM	50	0	19.48	19.62	19.59	19.62	19.71	20.7	0
20	64QAM	50	24	19.26	19.38	19.50	19.58	19.63		
20	64QAM	50	50	19.35	19.40	19.51	19.61	19.65		
20	64QAM	100	0	19.60	19.76	19.71	19.66	19.74		
20	256QAM	1	0	19.42	19.58	19.56	19.62	19.60	20.7	0
20	256QAM	1	49	19.37	19.54	19.56	19.57	19.60		
20	256QAM	1	99	19.20	19.32	19.41	19.60	19.57		
20	256QAM	50	0	19.57	19.72	19.62	19.64	19.65	20.7	0
20	256QAM	50	24	19.43	19.56	19.52	19.50	19.60		
20	256QAM	50	50	19.20	19.37	19.47	19.56	19.55		
20	256QAM	100	0	19.23	19.30	19.45	19.56	19.59		
Channel				39750	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.27	19.39	19.49	19.44	19.70	20.70	0
15	QPSK	1	37	19.20	19.28	19.45	19.43	19.57		
15	QPSK	1	74	19.46	19.50	19.50	19.54	19.57		
15	QPSK	36	0	19.42	19.58	19.55	19.58	19.68	20.7	0
15	QPSK	36	20	19.24	19.31	19.46	19.50	19.50		
15	QPSK	36	39	19.23	19.27	19.51	19.51	19.55		
15	QPSK	75	0	19.59	19.68	19.53	19.59	19.69		
15	16QAM	1	0	19.58	19.80	19.77	19.77	19.82	20.7	0
15	16QAM	1	37	19.20	19.39	19.56	19.58	19.54		
15	16QAM	1	74	19.65	19.71	19.79	19.83	19.83		
15	16QAM	36	0	19.47	19.64	19.61	19.54	19.64	20.7	0
15	16QAM	36	20	19.28	19.37	19.53	19.50	19.57		
15	16QAM	36	39	19.19	19.32	19.51	19.59	19.62		
15	16QAM	75	0	19.58	19.62	19.58	19.54	19.69		
15	64QAM	1	0	19.41	19.49	19.55	19.60	19.66	20.7	0
15	64QAM	1	37	19.16	19.23	19.38	19.61	19.58		
15	64QAM	1	74	19.55	19.76	19.59	19.62	19.68		
15	64QAM	36	0	19.43	19.56	19.53	19.56	19.69	20.7	0
15	64QAM	36	20	19.19	19.34	19.47	19.50	19.59		
15	64QAM	36	39	19.24	19.39	19.44	19.56	19.57		
15	64QAM	75	0	19.53	19.74	19.65	19.59	19.73		
15	256QAM	1	0	19.41	19.55	19.46	19.61	19.57	20.7	0
15	256QAM	1	37	19.29	19.49	19.55	19.51	19.53		
15	256QAM	1	74	19.14	19.20	19.31	19.59	19.55		
15	256QAM	36	0	19.56	19.67	19.56	19.63	19.62	20.7	0
15	256QAM	36	20	19.33	19.51	19.45	19.43	19.56		
15	256QAM	36	39	19.19	19.33	19.36	19.53	19.47		
15	256QAM	75	0	19.18	19.20	19.41	19.46	19.50		
Channel				39750	40150	40620	41090	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.33	19.35	19.42	19.44	19.67	20.70	0
10	QPSK	1	25	19.16	19.28	19.47	19.51	19.53		
10	QPSK	1	49	19.45	19.46	19.57	19.64	19.67		
10	QPSK	25	0	19.43	19.49	19.54	19.61	19.68	20.7	0
10	QPSK	25	12	19.23	19.29	19.53	19.53	19.52		
10	QPSK	25	25	19.24	19.27	19.57	19.51	19.59		
10	QPSK	50	0	19.60	19.61	19.55	19.55	19.65		
10	16QAM	1	0	19.67	19.70	19.78	19.78	19.79	20.7	0
10	16QAM	1	25	19.18	19.34	19.47	19.57	19.55		
10	16QAM	1	49	19.66	19.78	19.76	19.82	19.87		
10	16QAM	25	0	19.46	19.54	19.51	19.62	19.64	20.7	0
10	16QAM	25	12	19.27	19.36	19.53	19.45	19.55		
10	16QAM	25	25	19.24	19.33	19.42	19.57	19.52		
10	16QAM	50	0	19.57	19.70	19.57	19.59	19.71		
10	64QAM	1	0	19.32	19.58	19.51	19.55	19.69	20.7	0
10	64QAM	1	25	19.19	19.24	19.37	19.56	19.60		
10	64QAM	1	49	19.56	19.78	19.59	19.62	19.63		
10	64QAM	25	0	19.46	19.54	19.57	19.61	19.70	20.7	0
10	64QAM	25	12	19.17	19.33	19.49	19.47	19.57		
10	64QAM	25	25	19.25	19.34	19.41	19.55	19.57		
10	64QAM	50	0	19.58	19.75	19.63	19.55	19.70		
10	256QAM	1	0	19.39	19.57	19.52	19.58	19.53	20.7	0
10	256QAM	1	25	19.33	19.42	19.47	19.47	19.53		
10	256QAM	1	49	19.17	19.31	19.37	19.54	19.46		
10	256QAM	25	0	19.55	19.71	19.58	19.62	19.63	20.7	0
10	256QAM	25	12	19.34	19.51	19.46	19.47	19.52		
10	256QAM	25	25	19.14	19.29	19.36	19.51	19.47		
10	256QAM	50	0	19.20	19.29	19.38	19.51	19.50		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.35	19.39	19.42	19.45	19.71	20.70	0
5	QPSK	1	12	19.24	19.29	19.54	19.44	19.60		
5	QPSK	1	24	19.38	19.43	19.57	19.62	19.60		
5	QPSK	12	0	19.46	19.52	19.52	19.52	19.60	20.7	0
5	QPSK	12	7	19.17	19.30	19.51	19.50	19.48		
5	QPSK	12	13	19.29	19.25	19.58	19.53	19.60		
5	QPSK	25	0	19.52	19.68	19.62	19.65	19.63		
5	16QAM	1	0	19.65	19.70	19.74	19.85	19.83	20.7	0
5	16QAM	1	12	19.18	19.31	19.55	19.53	19.55		
5	16QAM	1	24	19.70	19.69	19.81	19.76	19.83		
5	16QAM	12	0	19.42	19.63	19.59	19.57	19.68	20.7	0
5	16QAM	12	7	19.32	19.37	19.50	19.44	19.57		
5	16QAM	12	13	19.20	19.34	19.45	19.58	19.55		
5	16QAM	25	0	19.52	19.69	19.64	19.58	19.62		
5	64QAM	1	0	19.34	19.58	19.56	19.62	19.69	20.7	0
5	64QAM	1	12	19.13	19.31	19.46	19.59	19.59		
5	64QAM	1	24	19.59	19.72	19.66	19.58	19.74		
5	64QAM	12	0	19.37	19.61	19.47	19.56	19.68	20.7	0
5	64QAM	12	7	19.19	19.37	19.48	19.53	19.57		
5	64QAM	12	13	19.30	19.30	19.47	19.49	19.63		
5	64QAM	25	0	19.58	19.75	19.63	19.64	19.63		
5	256QAM	1	0	19.40	19.46	19.48	19.50	19.54	20.7	0
5	256QAM	1	12	19.27	19.48	19.49	19.46	19.56		
5	256QAM	1	24	19.08	19.28	19.35	19.56	19.45		
5	256QAM	12	0	19.49	19.62	19.51	19.56	19.60	20.7	0
5	256QAM	12	7	19.38	19.45	19.47	19.39	19.51		
5	256QAM	12	13	19.11	19.27	19.42	19.50	19.48		
5	256QAM	25	0	19.22	19.29	19.40	19.52	19.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	19.26	19.06	19.07	19.05	20	0
20	QPSK	1	49	18.84	18.73	18.77	18.75		
20	QPSK	1	99	19.01	18.89	18.84	18.86		
20	QPSK	50	0	19.23	19.05	19.04	18.94	20	0
20	QPSK	50	24	19.12	19.03	19.01	18.91		
20	QPSK	50	50	19.22	19.10	19.08	19.05		
20	QPSK	100	0	19.11	19.09	19.09	18.93		
20	16QAM	1	0	19.09	19.03	19.03	18.92	20	0
20	16QAM	1	49	18.81	18.79	18.79	18.71		
20	16QAM	1	99	18.94	18.85	18.85	18.75		
20	16QAM	50	0	19.17	18.97	19.05	18.93	20	0
20	16QAM	50	24	19.01	19.02	18.99	18.86		
20	16QAM	50	50	19.15	19.03	19.07	19.07		
20	16QAM	100	0	19.02	19.02	19.03	19.02		
20	64QAM	1	0	19.09	19.12	19.14	19.09	20	0
20	64QAM	1	49	18.84	18.65	18.72	18.70		
20	64QAM	1	99	18.95	18.87	18.78	18.71		
20	64QAM	50	0	19.14	18.94	18.86	18.82	20	0
20	64QAM	50	24	19.12	18.93	18.98	18.88		
20	64QAM	50	50	19.04	19.12	19.13	19.05		
20	64QAM	100	0	18.99	19.06	18.97	18.92		
20	256QAM	1	0	17.05	17.03	17.06	17.04	19	1
20	256QAM	1	49	17.00	17.02	17.07	17.02		
20	256QAM	1	99	17.08	17.07	17.05	17.06		
20	256QAM	50	0	17.24	17.16	17.28	17.26	19	1
20	256QAM	50	24	17.25	17.07	17.16	17.24		
20	256QAM	50	50	17.32	17.16	17.22	17.24		
20	256QAM	100	0	17.32	17.07	17.22	17.22		
Channel				55315	55820	56140	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	19.15	19.13	19.10	19.12	20	0
15	QPSK	1	37	18.92	18.81	18.73	18.71		
15	QPSK	1	74	18.98	18.83	18.85	18.81		
15	QPSK	36	0	19.21	19.01	19.03	19.01	20	0
15	QPSK	36	20	19.15	19.03	19.00	18.94		
15	QPSK	36	39	19.19	19.04	19.10	19.07		
15	QPSK	75	0	19.07	19.06	19.02	18.99		
15	16QAM	1	0	19.10	19.02	19.02	19.01	20	0
15	16QAM	1	37	18.88	18.73	18.83	18.70		
15	16QAM	1	74	18.94	18.81	18.86	18.81		
15	16QAM	36	0	19.12	19.04	19.03	19.02	20	0
15	16QAM	36	20	19.03	18.99	18.98	18.91		
15	16QAM	36	39	19.14	19.10	19.06	19.04		
15	16QAM	75	0	19.00	19.02	19.04	18.98		
15	64QAM	1	0	19.15	19.04	19.13	19.06	20	0
15	64QAM	1	37	18.82	18.64	18.68	18.63		
15	64QAM	1	74	19.01	18.80	18.81	18.74		
15	64QAM	36	0	19.14	18.86	18.90	18.87	20	0
15	64QAM	36	20	19.11	19.00	19.00	18.90		
15	64QAM	36	39	19.03	19.04	19.10	19.09		
15	64QAM	75	0	19.02	18.97	19.02	18.93		
15	256QAM	1	0	17.08	17.08	17.05	17.00	19	1
15	256QAM	1	37	17.08	17.11	17.08	17.08		
15	256QAM	1	74	17.07	17.08	17.02	17.04		
15	256QAM	36	0	17.19	17.10	17.26	17.22	19	1
15	256QAM	36	20	17.13	17.02	17.07	17.16		
15	256QAM	36	39	17.28	17.04	17.17	17.14		
15	256QAM	75	0	17.27	17.02	17.17	17.17		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	19.17	19.12	19.08	19.11	20	0
10	QPSK	1	25	18.93	18.74	18.82	18.76		
10	QPSK	1	49	18.98	18.89	18.88	18.90		
10	QPSK	25	0	19.17	19.07	19.05	18.92	20	0
10	QPSK	25	12	19.09	18.97	18.97	18.85		
10	QPSK	25	25	19.14	19.05	19.09	19.10		
10	QPSK	50	0	19.08	19.09	19.04	18.99		
10	16QAM	1	0	19.05	19.13	19.03	18.97	20	0
10	16QAM	1	25	18.81	18.77	18.76	18.77		
10	16QAM	1	49	19.02	18.88	18.90	18.73		
10	16QAM	25	0	19.21	18.96	19.02	18.99	20	0
10	16QAM	25	12	19.05	19.02	18.95	18.94		
10	16QAM	25	25	19.06	19.03	19.09	19.01		
10	16QAM	50	0	19.04	19.08	19.08	19.02		
10	64QAM	1	0	19.09	19.09	19.05	19.01	20	0
10	64QAM	1	25	18.76	18.74	18.63	18.63		
10	64QAM	1	49	18.92	18.89	18.79	18.76		
10	64QAM	25	0	19.11	18.93	18.97	18.83	20	0
10	64QAM	25	12	19.04	19.01	18.95	18.84		
10	64QAM	25	25	19.09	19.09	19.13	19.02		
10	64QAM	50	0	19.01	18.95	18.97	18.96		
10	256QAM	1	0	17.08	17.00	17.08	17.06	19	1
10	256QAM	1	25	17.07	17.00	17.03	16.73		
10	256QAM	1	49	17.00	17.08	17.09	17.05		
10	256QAM	25	0	17.21	17.11	17.20	17.24	19	1
10	256QAM	25	12	17.23	17.07	17.11	17.22		
10	256QAM	25	25	17.27	17.06	17.18	17.17		
10	256QAM	50	0	17.28	17.06	17.18	17.19		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	19.18	19.12	19.14	19.11	20	0
5	QPSK	1	12	18.90	18.79	18.77	18.71		
5	QPSK	1	24	18.96	18.90	18.90	18.84		
5	QPSK	12	0	19.23	19.06	19.05	18.98	20	0
5	QPSK	12	7	19.15	19.05	18.97	18.90		
5	QPSK	12	13	19.20	19.07	19.04	19.05		
5	QPSK	25	0	19.02	19.02	19.05	18.97		
5	16QAM	1	0	19.10	19.06	19.11	18.90	20	0
5	16QAM	1	12	18.80	18.83	18.75	18.81		
5	16QAM	1	24	19.02	18.85	18.88	18.72		
5	16QAM	12	0	19.16	19.02	18.99	18.96	20	0
5	16QAM	12	7	19.02	18.91	18.93	18.89		
5	16QAM	12	13	19.15	19.10	19.12	19.07		
5	16QAM	25	0	19.03	19.08	19.04	19.02		
5	64QAM	1	0	19.11	19.13	19.04	18.99	20	0
5	64QAM	1	12	18.86	18.69	18.72	18.66		
5	64QAM	1	24	18.97	18.87	18.83	18.76		
5	64QAM	12	0	19.11	18.94	18.94	18.86	20	0
5	64QAM	12	7	19.05	19.03	18.99	18.82		
5	64QAM	12	13	19.06	19.09	19.08	19.06		
5	64QAM	25	0	18.97	18.97	19.01	18.97		
5	256QAM	1	0	17.03	17.09	17.06	17.02	19	1
5	256QAM	1	12	17.04	17.00	17.01	17.06		
5	256QAM	1	24	17.04	17.03	17.08	17.01		
5	256QAM	12	0	17.20	17.14	17.21	17.20	19	1
5	256QAM	12	7	17.23	17.08	17.12	17.17		
5	256QAM	12	13	17.23	17.06	17.22	17.12		
5	256QAM	25	0	17.26	17.00	17.10	17.17		

Reduced Power Mode for DSI 3 Simultaneous

<GSM>

GSM850_Ant0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	31.25	31.22	31.19	**31.50**	22.25	22.22	22.19	22.50
GPRS 1 Tx slot	31.24	31.21	31.14	**31.50**	22.24	22.21	22.14	22.50
GPRS 2 Tx slots	27.64	27.68	27.62	**28.50**	21.64	21.68	21.62	22.50
GPRS 3 Tx slots	26.07	26.05	26.00	**26.50**	21.81	21.79	21.74	22.24
GPRS 4 Tx slots	24.50	24.46	24.49	**25.00**	21.50	21.46	21.49	22.00
EDGE 1 Tx slot	26.33	26.55	26.48	**27.50**	17.33	17.55	17.48	18.50
EDGE 2 Tx slots	24.61	24.45	24.89	**25.50**	18.61	18.45	18.89	19.50
EDGE 3 Tx slots	22.71	22.51	22.88	**23.50**	18.45	18.25	18.62	19.24
EDGE 4 Tx slots	20.77	20.55	20.79	**21.50**	17.77	17.55	17.79	18.50

GSM850_Ant4	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	30.69	30.66	30.68	**32.00**	21.69	21.66	21.68	23.00
GPRS 1 Tx slot	30.68	30.61	30.65	**32.00**	21.68	21.61	21.65	23.00
GPRS 2 Tx slots	27.96	27.97	27.95	**29.00**	21.96	21.97	21.95	23.00
GPRS 3 Tx slots	26.03	25.92	25.95	**27.00**	21.77	21.66	21.69	22.74
GPRS 4 Tx slots	24.58	24.55	24.50	**25.50**	21.58	21.55	21.50	22.50
EDGE 1 Tx slot	25.72	25.67	25.64	**26.50**	16.72	16.67	16.64	17.50
EDGE 2 Tx slots	24.23	24.30	24.12	**25.50**	18.23	18.30	18.12	19.50
EDGE 3 Tx slots	22.30	22.50	22.22	**23.50**	18.04	18.24	17.96	19.24
EDGE 4 Tx slots	20.44	20.30	20.33	**21.50**	17.44	17.30	17.33	18.50

GSM1900_Ant0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	25.79	25.67	25.78	**26.50**	16.79	16.67	16.78	17.50
GPRS 1 Tx slot	25.78	25.66	25.69	**26.50**	16.78	16.66	16.69	17.50
GPRS 2 Tx slots	22.55	22.51	22.56	**23.50**	16.55	16.51	16.56	17.50
GPRS 3 Tx slots	20.64	20.57	20.54	**21.50**	16.38	16.31	16.28	17.24
GPRS 4 Tx slots	19.37	19.36	19.31	**20.00**	16.37	16.36	16.31	17.00
EDGE 1 Tx slot	25.14	25.47	25.72	**26.00**	16.14	16.47	16.72	17.00
EDGE 2 Tx slots	22.68	22.59	22.65	**23.50**	16.68	16.59	16.65	17.50
EDGE 3 Tx slots	20.50	20.39	20.39	**21.50**	16.24	16.13	16.13	17.24
EDGE 4 Tx slots	18.99	18.96	18.91	**19.50**	15.99	15.96	15.91	16.50

GSM1900_Ant4	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	26.20	26.09	26.17	**26.50**	17.20	17.09	17.17	17.50
GPRS 1 Tx slot	26.04	25.98	25.98	**26.50**	17.04	16.98	16.98	17.50
GPRS 2 Tx slots	22.38	22.37	22.63	**23.50**	16.38	16.37	16.63	17.50
GPRS 3 Tx slots	20.55	20.43	20.43	**21.00**	16.29	16.17	16.17	16.74
GPRS 4 Tx slots	19.03	18.93	18.92	**20.00**	16.03	15.93	15.92	17.00
EDGE 1 Tx slot	24.86	24.56	24.54	**26.00**	15.86	15.56	15.54	17.00
EDGE 2 Tx slots	21.75	21.65	21.74	**22.50**	15.75	15.65	15.74	16.50
EDGE 3 Tx slots	19.88	19.80	19.76	**21.50**	15.62	15.54	15.50	17.24
EDGE 4 Tx slots	18.42	18.31	18.35	**19.50**	15.42	15.31	15.35	16.50

<WCDMA>

Band		WCDMA II_Ant0			Tune-up Limit (dBm)	WCDMA IV_Ant0			Tune-up Limit (dBm)	WCDMA V_Ant0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.23	16.21	16.14	**17.00**	16.70	16.71	16.57	**17.50**	20.62	20.67	20.50	**21.40**
3GPP Rel 99	RMC 12.2Kbps	16.28	16.32	16.21	**17.00**	16.71	16.75	16.65	**17.50**	20.64	20.73	20.58	**21.40**
3GPP Rel 6	HSDPA Subtest-1	15.20	15.26	15.18	**16.00**	15.71	15.97	15.97	**16.50**	19.34	19.30	19.24	**20.40**
3GPP Rel 6	HSDPA Subtest-2	15.21	15.25	15.20	**16.00**	15.72	15.96	15.93	**16.50**	19.36	19.31	19.27	**20.40**
3GPP Rel 6	HSDPA Subtest-3	14.74	14.73	14.70	**15.50**	15.19	15.11	15.49	**16.00**	18.87	18.81	18.73	**19.90**
3GPP Rel 6	HSDPA Subtest-4	14.73	14.75	14.67	**15.50**	15.23	15.17	15.43	**16.00**	18.83	18.88	18.69	**19.90**
3GPP Rel 8	DC-HSDPA Subtest-1	14.95	15.23	14.95	**16.00**	15.65	15.90	15.80	**16.50**	19.28	19.27	19.08	**20.40**
3GPP Rel 8	DC-HSDPA Subtest-2	15.02	15.05	15.12	**16.00**	15.57	15.85	15.75	**16.50**	19.26	19.26	19.15	**20.40**
3GPP Rel 8	DC-HSDPA Subtest-3	14.53	14.52	14.58	**15.50**	15.11	14.96	15.34	**16.00**	18.74	18.60	18.71	**19.90**
3GPP Rel 8	DC-HSDPA Subtest-4	14.66	14.58	14.48	**15.50**	15.10	15.04	15.39	**16.00**	18.79	18.70	18.47	**19.90**
3GPP Rel 6	HSUPA Subtest-1	15.19	15.12	15.11	**16.00**	15.65	15.69	15.76	**16.50**	19.24	19.10	19.13	**20.40**
3GPP Rel 6	HSUPA Subtest-2	13.21	13.12	13.08	**14.00**	13.47	13.86	13.86	**14.50**	17.26	17.20	17.21	**18.40**
3GPP Rel 6	HSUPA Subtest-3	14.11	14.11	14.17	**15.00**	14.53	14.75	14.97	**15.50**	18.09	18.10	18.13	**19.40**
3GPP Rel 6	HSUPA Subtest-4	13.02	13.13	13.09	**14.00**	13.50	13.87	13.93	**14.50**	17.04	17.04	17.16	**18.40**
3GPP Rel 6	HSUPA Subtest-5	15.08	15.21	15.13	**16.00**	15.53	15.79	15.86	**16.50**	19.15	19.28	19.06	**20.40**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.53	12.42	12.55	**13.50**	12.93	13.08	13.18	**14.00**	16.57	16.49	16.38	**17.90**

<WCDMA>

Band		WCDMA II_Ant4			Tune-up Limit (dBm)	WCDMA IV_Ant4			Tune-up Limit (dBm)	WCDMA V_Ant4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.73	14.65	14.47	**15.50**	18.55	18.78	18.72	**19.50**	21.40	21.50	21.49	**22.50**
3GPP Rel 99	RMC 12.2Kbps	14.77	14.81	14.56	**15.50**	18.63	18.83	18.82	**19.50**	21.46	21.57	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-1	13.74	13.68	13.56	**14.50**	17.58	17.83	17.76	**18.50**	20.49	20.61	20.44	**21.50**
3GPP Rel 6	HSDPA Subtest-2	13.75	13.63	13.52	**14.50**	17.57	17.80	17.74	**18.50**	20.53	20.44	20.35	**21.50**
3GPP Rel 6	HSDPA Subtest-3	13.22	13.17	13.04	**14.00**	17.08	17.32	17.28	**18.00**	20.13	19.99	19.90	**21.00**
3GPP Rel 6	HSDPA Subtest-4	13.25	13.13	12.99	**14.00**	17.07	17.28	17.22	**18.00**	20.05	20.02	19.90	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-1	13.64	13.61	13.55	**14.50**	17.50	17.72	17.75	**18.50**	20.25	20.46	20.43	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-2	13.65	13.54	13.44	**14.50**	17.50	17.69	17.65	**18.50**	20.50	20.34	20.26	**21.50**
3GPP Rel 8	DC-HSDPA Subtest-3	13.20	13.14	12.97	**14.00**	17.05	17.30	17.21	**18.00**	19.87	19.94	19.80	**21.00**
3GPP Rel 8	DC-HSDPA Subtest-4	13.18	13.12	12.98	**14.00**	17.00	17.25	17.11	**18.00**	19.74	19.79	20.03	**21.00**
3GPP Rel 6	HSUPA Subtest-1	13.60	13.52	13.45	**14.50**	17.48	17.63	17.57	**18.50**	20.60	20.53	20.47	**21.50**
3GPP Rel 6	HSUPA Subtest-2	11.59	11.58	11.47	**12.50**	15.33	15.56	15.56	**16.50**	18.40	18.52	18.36	**19.50**
3GPP Rel 6	HSUPA Subtest-3	12.49	12.55	12.39	**13.50**	16.33	16.60	16.54	**17.50**	19.41	19.17	19.54	**20.50**
3GPP Rel 6	HSUPA Subtest-4	11.56	11.53	11.43	**12.50**	15.31	15.59	15.56	**16.50**	18.44	18.58	18.56	**19.50**
3GPP Rel 6	HSUPA Subtest-5	13.55	13.51	13.44	**14.50**	17.46	17.57	17.63	**18.50**	20.45	20.35	20.40	**21.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.06	10.97	10.94	**12.00**	14.88	15.07	15.05	**16.00**	17.82	17.81	17.70	**19.00**

Band 2_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.71	15.86	15.74	16.9	0
20	QPSK	1	49	15.58	15.64	15.55		
20	QPSK	1	99	15.71	15.69	15.73		
20	QPSK	50	0	15.59	15.85	15.53	16.9	0
20	QPSK	50	24	15.78	15.54	15.79		
20	QPSK	50	50	15.59	15.65	15.64		
20	QPSK	100	0	15.47	15.56	15.44		
20	16QAM	1	0	15.60	15.61	15.61	16.9	0
20	16QAM	1	49	15.54	15.82	15.52		
20	16QAM	1	99	15.68	15.48	15.71		
20	16QAM	50	0	15.64	15.73	15.62	16.9	0
20	16QAM	50	24	15.56	15.61	15.49		
20	16QAM	50	50	15.66	15.57	15.65		
20	16QAM	100	0	15.53	15.80	15.47		
20	64QAM	1	0	15.68	15.45	15.70	16.9	0
20	64QAM	1	49	15.67	15.73	15.69		
20	64QAM	1	99	15.50	15.60	15.45		
20	64QAM	50	0	15.62	15.68	15.72	16.9	0
20	64QAM	50	24	15.51	15.74	15.49		
20	64QAM	50	50	15.66	15.49	15.72		
20	64QAM	100	0	15.70	15.66	15.72		
20	256QAM	1	0	15.54	15.53	15.51	16.9	0
20	256QAM	1	49	15.60	15.64	15.72		
20	256QAM	1	99	15.59	15.66	15.68		
20	256QAM	50	0	15.49	15.57	15.52	16.9	0
20	256QAM	50	24	15.62	15.59	15.66		
20	256QAM	50	50	15.50	15.81	15.45		
20	256QAM	100	0	15.70	15.52	15.76		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	15.66	15.67	15.66	16.9	0
15	QPSK	1	37	15.53	15.55	15.52		
15	QPSK	1	74	15.66	15.63	15.66		
15	QPSK	36	0	15.57	15.82	15.50	16.9	0
15	QPSK	36	20	15.72	15.51	15.67		
15	QPSK	36	39	15.58	15.64	15.63		
15	QPSK	75	0	15.44	15.50	15.40		
15	16QAM	1	0	15.50	15.50	15.50	16.9	0
15	16QAM	1	37	15.44	15.71	15.43		
15	16QAM	1	74	15.61	15.43	15.64		
15	16QAM	36	0	15.60	15.70	15.57	16.9	0
15	16QAM	36	20	15.45	15.54	15.41		
15	16QAM	36	39	15.58	15.51	15.53		
15	16QAM	75	0	15.42	15.78	15.40		
15	64QAM	1	0	15.56	15.43	15.59	16.9	0
15	64QAM	1	37	15.62	15.63	15.62		
15	64QAM	1	74	15.38	15.48	15.40		
15	64QAM	36	0	15.52	15.63	15.62	16.9	0
15	64QAM	36	20	15.39	15.69	15.38		
15	64QAM	36	39	15.64	15.37	15.62		
15	64QAM	75	0	15.60	15.62	15.71		
15	256QAM	1	0	15.51	15.49	15.44	16.9	0
15	256QAM	1	37	15.51	15.60	15.63		
15	256QAM	1	74	15.51	15.54	15.59		
15	256QAM	36	0	15.47	15.52	15.47	16.9	0
15	256QAM	36	20	15.58	15.47	15.59		
15	256QAM	36	39	15.38	15.69	15.40		
15	256QAM	75	0	15.65	15.49	15.72		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	15.7	15.63	15.71	16.9	0
10	QPSK	1	25	15.54	15.56	15.48		
10	QPSK	1	49	15.63	15.64	15.64		
10	QPSK	25	0	15.56	15.74	15.45	16.9	0
10	QPSK	25	12	15.66	15.51	15.68		
10	QPSK	25	25	15.56	15.62	15.54		
10	QPSK	50	0	15.35	15.54	15.42		
10	16QAM	1	0	15.58	15.6	15.5	16.9	0
10	16QAM	1	25	15.45	15.8	15.48		
10	16QAM	1	49	15.6	15.38	15.67		
10	16QAM	25	0	15.56	15.69	15.53	16.9	0
10	16QAM	25	12	15.54	15.59	15.38		
10	16QAM	25	25	15.61	15.51	15.58		
10	16QAM	50	0	15.47	15.79	15.36		
10	64QAM	1	0	15.57	15.42	15.66	16.9	0
10	64QAM	1	25	15.64	15.72	15.64		
10	64QAM	1	49	15.38	15.53	15.4		
10	64QAM	25	0	15.53	15.62	15.61	16.9	0
10	64QAM	25	12	15.44	15.67	15.46		
10	64QAM	25	25	15.6	15.41	15.65		
10	64QAM	50	0	15.62	15.64	15.65		
10	256QAM	1	0	15.43	15.47	15.41	16.9	0
10	256QAM	1	25	15.51	15.52	15.62		
10	256QAM	1	49	15.51	15.63	15.66		
10	256QAM	25	0	15.37	15.54	15.51	16.9	0
10	256QAM	25	12	15.55	15.49	15.56		
10	256QAM	25	25	15.40	15.69	15.38		
10	256QAM	50	0	15.67	15.44	15.66		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	15.7	15.68	15.73	16.9	0
5	QPSK	1	12	15.54	15.61	15.54		
5	QPSK	1	24	15.61	15.58	15.67		
5	QPSK	12	0	15.48	15.78	15.43	16.9	0
5	QPSK	12	7	15.69	15.49	15.69		
5	QPSK	12	13	15.47	15.64	15.54		
5	QPSK	25	0	15.4	15.49	15.35		
5	16QAM	1	0	15.54	15.51	15.54	16.9	0
5	16QAM	1	12	15.5	15.78	15.41		
5	16QAM	1	24	15.58	15.38	15.63		
5	16QAM	12	0	15.55	15.68	15.54	16.9	0
5	16QAM	12	7	15.49	15.59	15.44		
5	16QAM	12	13	15.63	15.54	15.61		
5	16QAM	25	0	15.46	15.76	15.43		
5	64QAM	1	0	15.57	15.35	15.65	16.9	0
5	64QAM	1	12	15.62	15.62	15.65		
5	64QAM	1	24	15.41	15.49	15.34		
5	64QAM	12	0	15.55	15.59	15.62	16.9	0
5	64QAM	12	7	15.47	15.62	15.41		
5	64QAM	12	13	15.61	15.38	15.71		
5	64QAM	25	0	15.59	15.61	15.69		
5	256QAM	1	0	15.48	15.50	15.50	16.9	0
5	256QAM	1	12	15.55	15.54	15.70		
5	256QAM	1	24	15.48	15.55	15.66		
5	256QAM	12	0	15.47	15.55	15.44	16.9	0
5	256QAM	12	7	15.52	15.52	15.56		
5	256QAM	12	13	15.40	15.77	15.39		
5	256QAM	25	0	15.66	15.47	15.73		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	15.59	15.71	15.62	16.9	0
3	QPSK	1	8	15.55	15.59	15.50		
3	QPSK	1	14	15.67	15.65	15.63		
3	QPSK	8	0	15.55	15.83	15.52	16.9	0
3	QPSK	8	4	15.72	15.46	15.76		
3	QPSK	8	7	15.53	15.57	15.52		
3	QPSK	15	0	15.43	15.47	15.32		
3	16QAM	1	0	15.52	15.60	15.56	16.9	0
3	16QAM	1	8	15.49	15.78	15.43		
3	16QAM	1	14	15.65	15.40	15.67		
3	16QAM	8	0	15.52	15.62	15.51	16.9	0
3	16QAM	8	4	15.44	15.49	15.46		
3	16QAM	8	7	15.63	15.56	15.56		
3	16QAM	15	0	15.45	15.76	15.42		
3	64QAM	1	0	15.67	15.35	15.62	16.9	0
3	64QAM	1	8	15.60	15.64	15.68		
3	64QAM	1	14	15.39	15.58	15.39		
3	64QAM	8	0	15.55	15.60	15.63	16.9	0
3	64QAM	8	4	15.40	15.63	15.43		
3	64QAM	8	7	15.64	15.41	15.62		
3	64QAM	15	0	15.69	15.63	15.67		
3	256QAM	1	0	15.50	15.51	15.49	16.9	0
3	256QAM	1	8	15.54	15.53	15.61		
3	256QAM	1	14	15.48	15.63	15.66		
3	256QAM	8	0	15.42	15.56	15.47	16.9	0
3	256QAM	8	4	15.57	15.49	15.55		
3	256QAM	8	7	15.39	15.73	15.35		
3	256QAM	15	0	15.64	15.43	15.70		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	15.66	15.67	15.65	16.9	0
1.4	QPSK	1	3	15.49	15.60	15.45		
1.4	QPSK	1	5	15.66	15.68	15.69		
1.4	QPSK	3	0	15.47	15.78	15.43		
1.4	QPSK	3	1	15.73	15.43	15.67		
1.4	QPSK	3	3	15.51	15.60	15.55		
1.4	QPSK	6	0	15.45	15.44	15.35	16.9	0
1.4	16QAM	1	0	15.52	15.57	15.50	16.9	0
1.4	16QAM	1	3	15.44	15.79	15.40		
1.4	16QAM	1	5	15.67	15.37	15.68		
1.4	16QAM	3	0	15.55	15.68	15.56		
1.4	16QAM	3	1	15.44	15.51	15.40		
1.4	16QAM	3	3	15.60	15.52	15.64		
1.4	16QAM	6	0	15.42	15.77	15.45	16.9	0
1.4	64QAM	1	0	15.65	15.40	15.63	16.9	0
1.4	64QAM	1	3	15.61	15.71	15.60		
1.4	64QAM	1	5	15.48	15.48	15.35		
1.4	64QAM	3	0	15.59	15.63	15.65		
1.4	64QAM	3	1	15.47	15.64	15.38		
1.4	64QAM	3	3	15.64	15.48	15.71		
1.4	64QAM	6	0	15.67	15.64	15.60	16.9	0
1.4	256QAM	1	0	15.50	15.43	15.39	16.9	0
1.4	256QAM	1	3	15.57	15.62	15.71		
1.4	256QAM	1	5	15.49	15.65	15.61		
1.4	256QAM	3	0	15.46	15.53	15.48		
1.4	256QAM	3	1	15.56	15.57	15.56		
1.4	256QAM	3	3	15.40	15.79	15.42		
1.4	256QAM	6	0	15.67	15.41	15.71	16.9	0

Band 2_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.17	14.45	14.25	16	0
20	QPSK	1	49	14.12	14.12	14.15		
20	QPSK	1	99	14.11	14.16	13.92		
20	QPSK	50	0	14.11	14.33	14.13	16	0
20	QPSK	50	24	14.08	14.07	13.99		
20	QPSK	50	50	14.00	14.17	13.99		
20	QPSK	100	0	14.15	14.20	13.84		
20	16QAM	1	0	13.72	14.24	13.81	16	0
20	16QAM	1	49	14.08	14.18	14.01		
20	16QAM	1	99	13.92	13.86	13.61		
20	16QAM	50	0	14.00	14.32	14.06	16	0
20	16QAM	50	24	13.92	14.02	13.80		
20	16QAM	50	50	13.94	14.01	13.91		
20	16QAM	100	0	13.97	14.18	13.76		
20	64QAM	1	0	13.72	14.00	13.70	16	0
20	64QAM	1	49	13.97	13.92	14.02		
20	64QAM	1	99	13.97	13.92	13.90		
20	64QAM	50	0	13.94	14.20	14.04	16	0
20	64QAM	50	24	13.73	14.04	14.06		
20	64QAM	50	50	13.82	14.01	13.81		
20	64QAM	100	0	14.20	14.09	13.79		
20	256QAM	1	0	13.79	14.12	13.74	16	0
20	256QAM	1	49	13.95	14.06	14.11		
20	256QAM	1	99	14.00	14.02	13.74		
20	256QAM	50	0	13.82	14.34	14.01	16	0
20	256QAM	50	24	14.07	13.92	13.74		
20	256QAM	50	50	13.87	14.08	13.80		
20	256QAM	100	0	14.03	14.13	13.87		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	14.20	14.42	14.37	16	0
15	QPSK	1	37	14.11	14.23	14.14		
15	QPSK	1	74	14.15	14.13	13.93		
15	QPSK	36	0	14.04	14.38	14.15	16	0
15	QPSK	36	20	14.08	14.26	14.05		
15	QPSK	36	39	13.98	14.03	13.99		
15	QPSK	75	0	14.22	14.33	13.94		
15	16QAM	1	0	13.70	14.14	13.83	16	0
15	16QAM	1	37	14.27	14.08	14.12		
15	16QAM	1	74	13.94	13.89	13.77		
15	16QAM	36	0	13.97	14.37	13.93	16	0
15	16QAM	36	20	13.95	14.02	13.76		
15	16QAM	36	39	13.99	14.14	13.82		
15	16QAM	75	0	13.88	14.21	13.74		
15	64QAM	1	0	13.66	14.09	13.67	16	0
15	64QAM	1	37	14.09	13.91	14.13		
15	64QAM	1	74	13.97	13.83	13.90		
15	64QAM	36	0	13.89	14.22	14.05	16	0
15	64QAM	36	20	13.92	14.18	13.88		
15	64QAM	36	39	13.94	13.97	13.83		
15	64QAM	75	0	14.10	14.06	13.92		
15	256QAM	1	0	13.80	14.17	13.66	16	0
15	256QAM	1	37	14.07	14.01	13.96		
15	256QAM	1	74	13.95	14.00	13.83		
15	256QAM	36	0	13.78	14.38	13.99	16	0
15	256QAM	36	20	13.95	14.03	13.74		
15	256QAM	36	39	14.01	14.04	13.87		
15	256QAM	75	0	14.05	14.17	13.82		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	14.26	14.34	14.17	16	0
10	QPSK	1	25	14.18	14.22	14.27		
10	QPSK	1	49	14.15	14.00	13.85		
10	QPSK	25	0	14.04	14.34	14.13	16	0
10	QPSK	25	12	14.07	14.26	14.00		
10	QPSK	25	25	14.03	14.19	13.88		
10	QPSK	50	0	14.05	14.26	13.96		
10	16QAM	1	0	13.80	14.13	13.75	16	0
10	16QAM	1	25	14.14	14.25	14.01		
10	16QAM	1	49	13.95	13.85	13.71		
10	16QAM	25	0	13.85	14.30	13.97	16	0
10	16QAM	25	12	13.97	14.20	13.87		
10	16QAM	25	25	14.00	14.04	13.99		
10	16QAM	50	0	14.04	14.15	13.73		
10	64QAM	1	0	13.70	14.07	13.82	16	0
10	64QAM	1	25	14.02	13.98	14.00		
10	64QAM	1	49	13.95	13.99	13.70		
10	64QAM	25	0	13.93	14.11	13.99	16	0
10	64QAM	25	12	13.81	14.17	14.00		
10	64QAM	25	25	13.79	13.92	13.96		
10	64QAM	50	0	14.06	14.12	13.84		
10	256QAM	1	0	13.82	14.17	13.84	16	0
10	256QAM	1	25	13.99	14.09	14.12		
10	256QAM	1	49	13.97	13.99	13.88		
10	256QAM	25	0	13.91	14.30	13.98	16	0
10	256QAM	25	12	13.96	14.05	13.86		
10	256QAM	25	25	13.99	13.91	13.97		
10	256QAM	50	0	13.93	14.12	13.71		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	14.15	14.43	14.23	16	0
5	QPSK	1	12	14.24	14.15	14.10		
5	QPSK	1	24	14.14	14.14	13.92		
5	QPSK	12	0	14.21	14.36	14.15	16	0
5	QPSK	12	7	14.05	14.19	13.99		
5	QPSK	12	13	14.02	14.06	14.00		
5	QPSK	25	0	14.10	14.36	13.95		
5	16QAM	1	0	13.79	14.23	13.79	16	0
5	16QAM	1	12	14.20	14.14	13.97		
5	16QAM	1	24	14.09	13.91	13.69		
5	16QAM	12	0	13.90	14.27	13.89	16	0
5	16QAM	12	7	13.88	14.03	13.82		
5	16QAM	12	13	14.03	14.07	13.98		
5	16QAM	25	0	13.91	14.28	13.73		
5	64QAM	1	0	13.75	14.09	13.68	16	0
5	64QAM	1	12	13.94	13.98	13.95		
5	64QAM	1	24	14.06	13.94	13.88		
5	64QAM	12	0	14.02	14.18	13.93	16	0
5	64QAM	12	7	13.81	14.07	13.92		
5	64QAM	12	13	13.93	14.07	13.86		
5	64QAM	25	0	14.15	14.15	13.88		
5	256QAM	1	0	13.85	14.02	13.71	16	0
5	256QAM	1	12	14.11	14.02	14.00		
5	256QAM	1	24	13.87	13.94	13.79		
5	256QAM	12	0	13.88	14.22	13.89	16	0
5	256QAM	12	7	14.00	13.97	13.89		
5	256QAM	12	13	13.94	14.07	13.81		
5	256QAM	25	0	14.05	14.25	13.86		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	14.23	14.43	14.20	16	0
3	QPSK	1	8	14.26	14.15	14.24		
3	QPSK	1	14	14.17	14.09	13.97		
3	QPSK	8	0	14.15	14.38	14.31	16	0
3	QPSK	8	4	14.05	14.17	14.04		
3	QPSK	8	7	14.14	14.11	14.05		
3	QPSK	15	0	14.10	14.31	13.83		
3	16QAM	1	0	13.76	14.13	13.77	16	0
3	16QAM	1	8	14.07	14.18	13.96		
3	16QAM	1	14	14.09	14.04	13.73		
3	16QAM	8	0	14.00	14.30	14.05	16	0
3	16QAM	8	4	13.88	14.19	13.73		
3	16QAM	8	7	14.02	14.10	13.95		
3	16QAM	15	0	13.99	14.11	13.64		
3	64QAM	1	0	13.72	14.03	13.78	16	0
3	64QAM	1	8	14.11	14.05	14.09		
3	64QAM	1	14	14.07	13.84	13.77		
3	64QAM	8	0	13.84	14.20	14.05	16	0
3	64QAM	8	4	13.80	14.21	13.99		
3	64QAM	8	7	13.78	13.91	13.97		
3	64QAM	15	0	14.19	14.02	13.72		
3	256QAM	1	0	13.75	14.18	13.71	16	0
3	256QAM	1	8	14.06	13.96	14.09		
3	256QAM	1	14	13.92	13.91	13.81		
3	256QAM	8	0	13.88	14.26	14.01	16	0
3	256QAM	8	4	14.00	14.07	13.88		
3	256QAM	8	7	13.94	14.09	13.91		
3	256QAM	15	0	13.92	14.20	13.83		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	14.16	14.27	14.27	16	0
1.4	QPSK	1	3	14.15	14.22	14.10		
1.4	QPSK	1	5	14.18	14.03	13.79		
1.4	QPSK	3	0	14.15	14.31	14.24		
1.4	QPSK	3	1	14.08	14.24	13.96		
1.4	QPSK	3	3	13.99	14.00	13.96		
1.4	QPSK	6	0	14.17	14.33	14.01	16	0
1.4	16QAM	1	0	13.84	14.21	13.83	16	0
1.4	16QAM	1	3	14.20	14.15	14.06		
1.4	16QAM	1	5	14.02	13.95	13.67		
1.4	16QAM	3	0	13.96	14.24	13.94		
1.4	16QAM	3	1	13.94	14.12	13.72		
1.4	16QAM	3	3	13.89	14.00	13.97		
1.4	16QAM	6	0	13.85	14.20	13.73	16	0
1.4	64QAM	1	0	13.65	14.08	13.65	16	0
1.4	64QAM	1	3	14.00	13.99	14.00		
1.4	64QAM	1	5	13.94	13.90	13.70		
1.4	64QAM	3	0	13.86	14.12	13.98		
1.4	64QAM	3	1	13.78	14.04	13.98		
1.4	64QAM	3	3	13.94	14.03	13.96		
1.4	64QAM	6	0	14.05	14.22	13.87	16	0
1.4	256QAM	1	0	13.71	14.12	13.85	16	0
1.4	256QAM	1	3	13.99	14.09	14.10		
1.4	256QAM	1	5	13.89	13.98	13.80		
1.4	256QAM	3	0	13.86	14.26	13.91		
1.4	256QAM	3	1	13.98	14.10	13.88		
1.4	256QAM	3	3	13.99	14.02	13.97		
1.4	256QAM	6	0	13.94	14.15	13.79	16	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.01	16.34	16.16	17	0
20	QPSK	1	49	15.94	16.13	16.11		
20	QPSK	1	99	15.96	16.07	16.14		
20	QPSK	50	0	15.94	16.15	16.11	17	0
20	QPSK	50	24	15.94	16.09	16.10		
20	QPSK	50	50	15.87	16.11	16.03		
20	QPSK	100	0	15.95	16.07	16.05		
20	16QAM	1	0	15.87	16.14	16.00	17	0
20	16QAM	1	49	15.96	16.18	16.11		
20	16QAM	1	99	15.93	16.05	15.99		
20	16QAM	50	0	15.91	15.96	16.09	17	0
20	16QAM	50	24	15.93	16.06	16.05		
20	16QAM	50	50	15.90	16.09	16.05		
20	16QAM	100	0	15.93	16.08	16.10		
20	64QAM	1	0	15.86	16.05	16.03	17	0
20	64QAM	1	49	15.92	16.08	16.07		
20	64QAM	1	99	15.93	16.15	16.06		
20	64QAM	50	0	15.87	16.08	16.09	17	0
20	64QAM	50	24	15.94	16.03	16.13		
20	64QAM	50	50	15.84	16.06	16.04		
20	64QAM	100	0	15.89	16.07	16.05		
20	256QAM	1	0	15.88	16.10	16.02	17	0
20	256QAM	1	49	15.90	15.99	16.13		
20	256QAM	1	99	15.93	16.06	16.02		
20	256QAM	50	0	15.94	16.08	16.15	17	0
20	256QAM	50	24	15.83	16.08	16.05		
20	256QAM	50	50	15.85	16.05	16.07		
20	256QAM	100	0	15.88	16.12	16.01		
Channel				20025	20175	20325	Tune-up limit	MPR
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)	(dB)
15	QPSK	1	0	15.94	16.24	16.14	17	0
15	QPSK	1	37	15.91	16.10	15.99		
15	QPSK	1	74	15.90	16.04	16.07		
15	QPSK	36	0	15.88	16.06	16.08	17	0
15	QPSK	36	20	15.87	16.04	16.04		
15	QPSK	36	39	15.79	16.01	15.98		
15	QPSK	75	0	15.89	15.91	15.99		
15	16QAM	1	0	15.82	16.12	15.88	17	0
15	16QAM	1	37	15.91	16.08	15.99		
15	16QAM	1	74	15.81	15.98	15.92		
15	16QAM	36	0	15.80	15.91	15.98	17	0
15	16QAM	36	20	15.82	16.01	15.94		
15	16QAM	36	39	15.85	15.97	15.99		
15	16QAM	75	0	15.85	15.96	16.01		
15	64QAM	1	0	15.80	16.02	15.93	17	0
15	64QAM	1	37	15.80	16.07	16.01		
15	64QAM	1	74	15.81	16.05	15.96		
15	64QAM	36	0	15.80	16.04	16.04	17	0
15	64QAM	36	20	15.84	15.96	16.07		
15	64QAM	36	39	15.83	15.98	15.96		
15	64QAM	75	0	15.84	16.03	15.97		
15	256QAM	1	0	15.76	16.08	15.98	17	0
15	256QAM	1	37	15.83	15.93	16.07		
15	256QAM	1	74	15.87	15.95	16.00		
15	256QAM	36	0	15.88	15.99	16.09	17	0
15	256QAM	36	20	15.80	15.98	16.03		
15	256QAM	36	39	15.75	16.00	15.95		
15	256QAM	75	0	15.87	16.06	15.94		
Channel				20000	20175	20350	Tune-up limit	MPR
Frequency (MHz)				1715	1732.5	1750	(dBm)	(dB)
10	QPSK	1	0	15.91	16.30	16.11	17	0
10	QPSK	1	25	15.87	16.04	16.03		
10	QPSK	1	49	15.93	15.98	16.07		
10	QPSK	25	0	15.91	16.08	16.10	17	0
10	QPSK	25	12	15.86	16.08	16.00		
10	QPSK	25	25	15.80	16.03	16.01		
10	QPSK	50	0	15.94	15.93	15.99		
10	16QAM	1	0	15.83	16.08	15.89	17	0
10	16QAM	1	25	15.84	16.13	16.07		
10	16QAM	1	49	15.90	16.02	15.89		
10	16QAM	25	0	15.85	15.92	16.06	17	0
10	16QAM	25	12	15.91	16.01	15.96		
10	16QAM	25	25	15.81	16.03	15.99		
10	16QAM	50	0	15.91	16.02	15.98		
10	64QAM	1	0	15.82	16.03	15.98	17	0
10	64QAM	1	25	15.83	16.01	15.97		
10	64QAM	1	49	15.90	16.11	16.02		
10	64QAM	25	0	15.82	16.06	16.01	17	0
10	64QAM	25	12	15.93	15.98	16.04		
10	64QAM	25	25	15.80	16.05	15.97		
10	64QAM	50	0	15.86	16.00	15.95		
10	256QAM	1	0	15.79	16.05	15.94	17	0
10	256QAM	1	25	15.81	15.88	16.03		
10	256QAM	1	49	15.87	15.99	15.99		
10	256QAM	25	0	15.82	16.05	16.07	17	0
10	256QAM	25	12	15.72	16.05	15.98		
10	256QAM	25	25	15.77	16.02	16.01		
10	256QAM	50	0	15.87	16.06	15.89		
Channel				19975	20175	20375	Tune-up limit	MPR
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)	(dB)
5	QPSK	1	0	15.91	16.26	16.04	17	0
5	QPSK	1	12	15.82	16.07	16.05		
5	QPSK	1	24	15.85	16.06	16.02		
5	QPSK	12	0	15.93	16.14	16.09	17	0
5	QPSK	12	7	15.89	16.05	16.04		
5	QPSK	12	13	15.76	16.00	16.01		
5	QPSK	25	0	15.84	15.98	16.04		
5	16QAM	1	0	15.81	16.11	15.91	17	0
5	16QAM	1	12	15.87	16.09	16.02		
5	16QAM	1	24	15.92	15.95	15.94		
5	16QAM	12	0	15.84	15.89	15.98	17	0
5	16QAM	12	7	15.82	16.03	15.99		
5	16QAM	12	13	15.79	16.06	15.94		
5	16QAM	25	0	15.90	16.03	16.04		
5	64QAM	1	0	15.79	15.94	15.93	17	0
5	64QAM	1	12	15.91	16.02	16.05		
5	64QAM	1	24	15.90	16.13	15.95		
5	64QAM	12	0	15.81	16.05	16.01	17	0
5	64QAM	12	7	15.93	16.02	16.06		
5	64QAM	12	13	15.81	15.98	16.03		
5	64QAM	25	0	15.80	16.03	15.98		
5	256QAM	1	0	15.84	16.04	15.90	17	0
5	256QAM	1	12	15.86	15.94	16.02		
5	256QAM	1	24	15.81	16.01	15.97		
5	256QAM	12	0	15.87	15.99	16.09	17	0
5	256QAM	12	7	15.80	15.97	15.97		
5	256QAM	12	13	15.77	15.98	15.99		
5	256QAM	25	0	15.86	16.06	15.95		
Channel				19965	20175	20385	Tune-up limit	MPR
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)	(dB)
3	QPSK	1	0	15.90	16.23	16.13	17	0
3	QPSK	1	8	15.86	16.11	15.99		
3	QPSK	1	14	15.85	16.06	16.08		
3	QPSK	8	0	15.82	16.10	16.06	17	0
3	QPSK	8	4	15.84	16.08	15.98		
3	QPSK	8	7	15.82	16.00	15.97		
3	QPSK	15	0	15.86	15.98	15.95		
3	16QAM	1	0	15.84	16.07	15.99	17	0
3	16QAM	1	8	15.86	16.15	16.07		
3	16QAM	1	14	15.87	15.93	15.98		
3	16QAM	8	0	15.86	15.89	15.99	17	0
3	16QAM	8	4	15.90	16.02	16.02		
3	16QAM	8	7	15.89	16.06	16.04		
3	16QAM	15	0	15.81	16.03	16.03		
3	64QAM	1	0	15.75	15.93	15.91	17	0
3	64QAM	1	8	15.81	16.05	15.96		
3	64QAM	1	14	15.82	16.03	15.99		
3	64QAM	8	0	15.76	16.07	15.97	17	0
3	64QAM	8	4	15.83	15.92	16.04		
3	64QAM	8	7	15.82	16.01	15.95		
3	64QAM	15	0	15.81	16.06	16.02		
3	256QAM	1	0	15.76	16.08	15.97	17	0
3	256QAM	1	8	15.87	15.89	16.03		
3	256QAM	1	14	15.85	15.97	15.95		
3	256QAM	8	0	15.88	15.99	16.11	17	0
3	256QAM	8	4	15.79	15.99	15.96		
3	256QAM	8	7	15.83	15.99	16.03		
3	256QAM	15	0	15.78	16.04	15.90		
Channel				19957	20175	20393	Tune-up limit	MPR
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)	(dB)
1.4	QPSK	1	0	15.92	16.22	16.12	17	0
1.4	QPSK	1	3	15.82	16.06	16.00		
1.4	QPSK	1	5	15.90	16.04	16.13		
1.4	QPSK	3	0	15.91	16.06	15.99		
1.4	QPSK	3	1	15.85	16.06	15.99		
1.4	QPSK	3	3	15.84	16.02	15.96		
1.4	QPSK	6	0	15.89	15.90	16.00	17	0
1.4	16QAM	1	0	15.79	16.11	15.88	17	0
1.4	16QAM	1	3	15.90	16.08	16.00		
1.4	16QAM	1	5	15.88	15.99	15.92		
1.4	16QAM	3	0	15.81	15.93	16.03		
1.4	16QAM	3	1	15.91	16.05	16.04		
1.4	16QAM	3	3	15.85	16.07	16.02		
1.4	16QAM	6	0	15.89	16.07	15.99	17	0
1.4	64QAM	1	0	15.84	15.96	16.01	17	0
1.4	64QAM	1	3	15.81	16.07	16.00		
1.4	64QAM	1	5	15.89	16.06	16.01		
1.4	64QAM	3	0	15.83	16.07	16.00		
1.4	64QAM	3	1	15.90	15.98	16.10		
1.4	64QAM	3	3	15.74	15.97	15.98		
1.4	64QAM	6	0	15.84	16.00	15.96	17	0
1.4	256QAM	1	0	15.85	16.00	15.99	17	0
1.4	256QAM	1	3	15.79	15.87	16.06		
1.4	256QAM	1	5	15.81	16.02	16.00		
1.4	256QAM	3	0	15.82	16.01	16.09		
1.4	256QAM	3	1	15.71	16.04	16.01		
1.4	256QAM	3	3	15.81	16.02	15.99		
1.4	256QAM	6	0	15.81	16.09	15.99	17	0

Band 4_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.57	18.84	18.59	19.5	0
20	QPSK	1	49	18.59	18.71	18.55		
20	QPSK	1	99	18.52	18.65	18.64		
20	QPSK	50	0	18.51	18.68	18.53	19.5	0
20	QPSK	50	24	18.47	18.64	18.63		
20	QPSK	50	50	18.48	18.65	18.52		
20	QPSK	100	0	18.54	18.63	18.62		
20	16QAM	1	0	18.49	18.63	18.47	19.5	0
20	16QAM	1	49	18.55	18.74	18.60		
20	16QAM	1	99	18.39	18.72	18.55		
20	16QAM	50	0	18.51	18.52	18.63	19.5	0
20	16QAM	50	24	18.51	18.66	18.51		
20	16QAM	50	50	18.55	18.81	18.54		
20	16QAM	100	0	18.58	18.66	18.46		
20	64QAM	1	0	18.41	18.56	18.62	19.5	0
20	64QAM	1	49	18.38	18.69	18.50		
20	64QAM	1	99	18.59	18.71	18.55		
20	64QAM	50	0	18.42	18.65	18.55	19.5	0
20	64QAM	50	24	18.41	18.59	18.54		
20	64QAM	50	50	18.52	18.61	18.58		
20	64QAM	100	0	18.49	18.68	18.49		
20	256QAM	1	0	16.39	16.61	16.54	19	0.5
20	256QAM	1	49	16.31	16.68	16.52		
20	256QAM	1	99	16.31	16.48	16.47		
20	256QAM	50	0	17.97	17.97	17.98	19	0.5
20	256QAM	50	24	17.88	18.13	18.06		
20	256QAM	50	50	17.86	18.11	18.03		
20	256QAM	100	0	17.94	18.06	17.93		
Channel				20025	20175	20325	Tune-up limit	MPR
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)	(dB)
15	QPSK	1	0	18.51	18.73	18.51	19.5	0
15	QPSK	1	37	18.50	18.69	18.47		
15	QPSK	1	74	18.42	18.56	18.54		
15	QPSK	36	0	18.46	18.66	18.52	19.5	0
15	QPSK	36	20	18.39	18.57	18.52		
15	QPSK	36	39	18.39	18.60	18.51		
15	QPSK	75	0	18.42	18.54	18.56		
15	16QAM	1	0	18.40	18.55	18.37	19.5	0
15	16QAM	1	37	18.44	18.62	18.58		
15	16QAM	1	74	18.34	18.65	18.47		
15	16QAM	36	0	18.43	18.46	18.58	19.5	0
15	16QAM	36	20	18.45	18.57	18.46		
15	16QAM	36	39	18.53	18.71	18.47		
15	16QAM	75	0	18.47	18.54	18.40		
15	64QAM	1	0	18.30	18.47	18.61	19.5	0
15	64QAM	1	37	18.34	18.58	18.44		
15	64QAM	1	74	18.47	18.67	18.46		
15	64QAM	36	0	18.31	18.61	18.45	19.5	0
15	64QAM	36	20	18.31	18.57	18.51		
15	64QAM	36	39	18.43	18.54	18.52		
15	64QAM	75	0	18.41	18.66	18.44		
15	256QAM	1	0	16.37	16.54	16.53	19	0.5
15	256QAM	1	37	16.22	16.63	16.46		
15	256QAM	1	74	16.30	16.37	16.37		
15	256QAM	36	0	17.91	17.96	17.87	19	0.5
15	256QAM	36	20	17.79	18.09	17.95		
15	256QAM	36	39	17.76	18.05	17.94		
15	256QAM	75	0	17.88	18.04	17.92		
Channel				20000	20175	20350	Tune-up limit	MPR
Frequency (MHz)				1715	1732.5	1750	(dBm)	(dB)
10	QPSK	1	0	18.52	18.72	18.54	19.5	0
10	QPSK	1	25	18.54	18.64	18.47		
10	QPSK	1	49	18.43	18.60	18.55		
10	QPSK	25	0	18.45	18.64	18.48	19.5	0
10	QPSK	25	12	18.35	18.61	18.61		
10	QPSK	25	25	18.37	18.63	18.47		
10	QPSK	50	0	18.49	18.58	18.54		
10	16QAM	1	0	18.38	18.59	18.40	19.5	0
10	16QAM	1	25	18.51	18.71	18.59		
10	16QAM	1	49	18.33	18.69	18.53		
10	16QAM	25	0	18.43	18.42	18.53	19.5	0
10	16QAM	25	12	18.43	18.62	18.45		
10	16QAM	25	25	18.50	18.75	18.46		
10	16QAM	50	0	18.55	18.58	18.40		
10	64QAM	1	0	18.38	18.46	18.50	19.5	0
10	64QAM	1	25	18.37	18.68	18.43		
10	64QAM	1	49	18.54	18.68	18.46		
10	64QAM	25	0	18.32	18.56	18.53	19.5	0
10	64QAM	25	12	18.30	18.54	18.50		
10	64QAM	25	25	18.40	18.52	18.46		
10	64QAM	50	0	18.42	18.62	18.38		
10	256QAM	1	0	16.36	16.58	16.49	19	0.5
10	256QAM	1	25	16.29	16.65	16.43		
10	256QAM	1	49	16.23	16.47	16.43		
10	256QAM	25	0	17.86	17.93	17.93	19	0.5
10	256QAM	25	12	17.83	18.04	18.03		
10	256QAM	25	25	17.77	18.03	17.98		
10	256QAM	50	0	17.93	18.02	17.82		
Channel				19975	20175	20375	Tune-up limit	MPR
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)	(dB)
5	QPSK	1	0	18.55	18.81	18.58	19.5	0
5	QPSK	1	12	18.50	18.63	18.48		
5	QPSK	1	24	18.42	18.56	18.60		
5	QPSK	12	0	18.49	18.64	18.45	19.5	0
5	QPSK	12	7	18.38	18.58	18.61		
5	QPSK	12	13	18.41	18.60	18.45		
5	QPSK	25	0	18.49	18.61	18.53		
5	16QAM	1	0	18.38	18.52	18.38	19.5	0
5	16QAM	1	12	18.48	18.67	18.57		
5	16QAM	1	24	18.29	18.63	18.51		
5	16QAM	12	0	18.45	18.41	18.62	19.5	0
5	16QAM	12	7	18.48	18.62	18.46		
5	16QAM	12	13	18.51	18.77	18.46		
5	16QAM	25	0	18.52	18.63	18.34		
5	64QAM	1	0	18.40	18.46	18.51	19.5	0
5	64QAM	1	12	18.30	18.59	18.38		
5	64QAM	1	24	18.55	18.60	18.44		
5	64QAM	12	0	18.36	18.59	18.48	19.5	0
5	64QAM	12	7	18.32	18.47	18.48		
5	64QAM	12	13	18.49	18.55	18.57		
5	64QAM	25	0	18.47	18.67	18.47		
5	256QAM	1	0	16.36	16.52	16.45	19	0.5
5	256QAM	1	12	16.26	16.67	16.42		
5	256QAM	1	24	16.29	16.41	16.46		
5	256QAM	12	0	17.89	17.85	17.89	19	0.5
5	256QAM	12	7	17.84	18.02	17.94		
5	256QAM	12	13	17.77	17.99	17.99		
5	256QAM	25	0	17.91	17.99	17.88		
Channel				19965	20175	20385	Tune-up limit	MPR
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)	(dB)
3	QPSK	1	0	18.48	18.72	18.48	19.5	0
3	QPSK	1	8	18.58	18.67	18.50		
3	QPSK	1	14	18.51	18.60	18.56		
3	QPSK	8	0	18.42	18.60	18.49	19.5	0
3	QPSK	8	4	18.40	18.57	18.54		
3	QPSK	8	7	18.45	18.57	18.45		
3	QPSK	15	0	18.48	18.59	18.58		
3	16QAM	1	0	18.45	18.62	18.46	19.5	0
3	16QAM	1	8	18.51	18.64	18.55		
3	16QAM	1	14	18.27	18.61	18.43		
3	16QAM	8	0	18.40	18.50	18.60	19.5	0
3	16QAM	8	4	18.39	18.55	18.48		
3	16QAM	8	7	18.54	18.77	18.43		
3	16QAM	15	0	18.51	18.54	18.41		
3	64QAM	1	0	18.31	18.48	18.61	19.5	0
3	64QAM	1	8	18.33	18.60	18.43		
3	64QAM	1	14	18.50	18.66	18.43		
3	64QAM	8	0	18.30	18.60	18.46	19.5	0
3	64QAM	8	4	18.33	18.52	18.49		
3	64QAM	8	7	18.42	18.59	18.47		
3	64QAM	15	0	18.43	18.67	18.37		
3	256QAM	1	0	16.32	16.54	16.45	19	0.5
3	256QAM	1	8	16.20	16.56	16.40		
3	256QAM	1	14	16.20	16.42	16.36		
3	256QAM	8	0	17.86	17.92	17.92	19	0.5
3	256QAM	8	4	17.78	18.10	18.01		
3	256QAM	8	7	17.75	18.06	18.00		
3	256QAM	15	0	17.89	17.94	17.82		
Channel				19957	20175	20393	Tune-up limit	MPR
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)	(dB)
1.4	QPSK	1	0	18.45	18.78	18.47	19.5	0
1.4	QPSK	1	3	18.53	18.60	18.49		
1.4	QPSK	1	5	18.47	18.56	18.53		
1.4	QPSK	3	0	18.42	18.58	18.51		
1.4	QPSK	3	1	18.39	18.54	18.54		
1.4	QPSK	3	3	18.41	18.57	18.44		
1.4	QPSK	6	0	18.49	18.56	18.54	19.5	0
1.4	16QAM	1	0	18.48	18.57	18.37	19.5	0
1.4	16QAM	1	3	18.46	18.68	18.55		
1.4	16QAM	1	5	18.28	18.70	18.54		
1.4	16QAM	3	0	18.42	18.40	18.51		
1.4	16QAM	3	1	18.42	18.54	18.39		
1.4	16QAM	3	3	18.49	18.79	18.44		
1.4	16QAM	6	0	18.53	18.56	18.35	19.5	0
1.4	64QAM	1	0	18.39	18.49	18.51	19.5	0
1.4	64QAM	1	3	18.31	18.63	18.49		
1.4	64QAM	1	5	18.57	18.60	18.45		
1.4	64QAM	3	0	18.37	18.63	18.49		
1.4	64QAM	3	1	18.38	18.54	18.48		
1.4	64QAM	3	3	18.42	18.54	18.55		
1.4	64QAM	6	0	18.48	18.63	18.42	19.5	0
1.4	256QAM	1	0	16.29	16.53	16.42	19	0.5
1.4	256QAM	1	3	16.22	16.67	16.46		
1.4	256QAM	1	5	16.24	16.44	16.42		
1.4	256QAM	3	0	17.86	17.85	17.97		
1.4	256QAM	3	1	17.83	18.05	17.99		
1.4	256QAM	3	3	17.80	18.04	18.01		
1.4	256QAM	6	0	17.82	17.94	17.88	19	0.5

Band 5_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
1.4	QPSK	1	0	21.62	21.46	20.63	22.3	0
1.4	QPSK	1	3	21.62	21.46	20.63		
1.4	QPSK	1	5	21.62	21.46	20.63		
1.4	QPSK	3	0	21.62	21.46	20.63	22.3	0
1.4	QPSK	3	2	21.62	21.46	20.63		
1.4	QPSK	3	3	21.62	21.46	20.63		
1.4	QPSK	6	0	20.62	20.57	20.63	22.3	0
1.4	QPSK	6	1	20.62	20.57	20.63		
1.4	QPSK	6	2	20.62	20.57	20.63		
1.4	16QAM	1	0	20.62	20.58	20.63	22	0.3
1.4	16QAM	1	3	20.62	20.58	20.63		
1.4	16QAM	1	5	20.62	20.58	20.63		
1.4	16QAM	3	0	20.62	20.58	20.63	22	0.3
1.4	16QAM	3	2	20.62	20.58	20.63		
1.4	16QAM	3	3	20.62	20.58	20.63		
1.4	16QAM	6	0	19.62	19.57	19.63	21	1.3
1.4	16QAM	6	1	19.62	19.57	19.63		
1.4	16QAM	6	2	19.62	19.57	19.63		
1.4	64QAM	1	0	17.62	17.58	17.63	19	3.3
1.4	64QAM	1	3	17.62	17.58	17.63		
1.4	64QAM	1	5	17.62	17.58	17.63		
1.4	64QAM	3	0	17.62	17.58	17.63	19	3.3
1.4	64QAM	3	2	17.62	17.58	17.63		
1.4	64QAM	3	3	17.62	17.58	17.63		
1.4	64QAM	6	0	16.62	16.57	16.63	18	4.3
1.4	64QAM	6	1	16.62	16.57	16.63		
1.4	64QAM	6	2	16.62	16.57	16.63		
Channel				20415	20525	20635	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
3	QPSK	1	0	21.62	21.46	20.63	22.3	0
3	QPSK	1	7	21.62	21.46	20.63		
3	QPSK	1	14	21.62	21.46	20.63		
3	QPSK	8	0	20.62	20.57	20.63	22.3	0
3	QPSK	8	4	20.62	20.57	20.63		
3	QPSK	8	7	20.62	20.57	20.63		
3	QPSK	15	0	20.62	20.57	20.63	22.3	0
3	QPSK	15	8	20.62	20.57	20.63		
3	QPSK	15	15	20.62	20.57	20.63		
3	16QAM	1	0	20.62	20.58	20.63	22	0.3
3	16QAM	1	7	20.62	20.58	20.63		
3	16QAM	1	14	20.62	20.58	20.63		
3	16QAM	8	0	20.62	20.58	20.63	22	0.3
3	16QAM	8	4	20.62	20.58	20.63		
3	16QAM	8	7	20.62	20.58	20.63		
3	16QAM	15	0	19.62	19.57	19.63	21	1.3
3	16QAM	15	8	19.62	19.57	19.63		
3	16QAM	15	15	19.62	19.57	19.63		
3	64QAM	1	0	17.62	17.58	17.63	19	3.3
3	64QAM	1	7	17.62	17.58	17.63		
3	64QAM	1	14	17.62	17.58	17.63		
3	64QAM	8	0	17.62	17.58	17.63	19	3.3
3	64QAM	8	4	17.62	17.58	17.63		
3	64QAM	8	7	17.62	17.58	17.63		
3	64QAM	15	0	16.62	16.57	16.63	18	4.3
3	64QAM	15	8	16.62	16.57	16.63		
3	64QAM	15	15	16.62	16.57	16.63		
Channel				20415	20525	20635	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
5	QPSK	1	0	21.62	21.46	20.63	22.3	0
5	QPSK	1	12	21.62	21.46	20.63		
5	QPSK	1	24	21.62	21.46	20.63		
5	QPSK	12	0	20.62	20.57	20.63	22.3	0
5	QPSK	12	6	20.62	20.57	20.63		
5	QPSK	12	13	20.62	20.57	20.63		
5	QPSK	25	0	20.62	20.57	20.63	22.3	0
5	QPSK	25	12	20.62	20.57	20.63		
5	QPSK	25	25	20.62	20.57	20.63		
5	16QAM	1	0	20.62	20.58	20.63	22	0.3
5	16QAM	1	12	20.62	20.58	20.63		
5	16QAM	1	24	20.62	20.58	20.63		
5	16QAM	12	0	20.62	20.58	20.63	22	0.3
5	16QAM	12	6	20.62	20.58	20.63		
5	16QAM	12	13	20.62	20.58	20.63		
5	16QAM	25	0	19.62	19.57	19.63	21	1.3
5	16QAM	25	12	19.62	19.57	19.63		
5	16QAM	25	25	19.62	19.57	19.63		
5	64QAM	1	0	17.62	17.58	17.63	19	3.3
5	64QAM	1	12	17.62	17.58	17.63		
5	64QAM	1	24	17.62	17.58	17.63		
5	64QAM	12	0	17.62	17.58	17.63	19	3.3
5	64QAM	12	6	17.62	17.58	17.63		
5	64QAM	12	13	17.62	17.58	17.63		
5	64QAM	25	0	16.62	16.57	16.63	18	4.3
5	64QAM	25	12	16.62	16.57	16.63		
5	64QAM	25	25	16.62	16.57	16.63		
Channel				20415	20525	20635	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
10	QPSK	1	0	21.62	21.46	20.63	22.3	0
10	QPSK	1	25	21.62	21.46	20.63		
10	QPSK	1	49	21.62	21.46	20.63		
10	QPSK	25	0	20.62	20.57	20.63	22.3	0
10	QPSK	25	12	20.62	20.57	20.63		
10	QPSK	25	25	20.62	20.57	20.63		
10	QPSK	50	0	20.62	20.57	20.63	22.3	0
10	QPSK	50	25	20.62	20.57	20.63		
10	QPSK	50	50	20.62	20.57	20.63		
10	16QAM	1	0	20.62	20.58	20.63	22	0.3
10	16QAM	1	25	20.62	20.58	20.63		
10	16QAM	1	49	20.62	20.58	20.63		
10	16QAM	25	0	20.62	20.58	20.63	22	0.3
10	16QAM	25	12	20.62	20.58	20.63		
10	16QAM	25	25	20.62	20.58	20.63		
10	16QAM	50	0	19.62	19.57	19.63	21	1.3
10	16QAM	50	25	19.62	19.57	19.63		
10	16QAM	50	50	19.62	19.57	19.63		
10	64QAM	1	0	17.62	17.58	17.63	19	3.3
10	64QAM	1	25	17.62	17.58	17.63		
10	64QAM	1	49	17.62	17.58	17.63		
10	64QAM	25	0	17.62	17.58	17.63	19	3.3
10	64QAM	25	12	17.62	17.58	17.63		
10	64QAM	25	25	17.62	17.58	17.63		
10	64QAM	50	0	16.62	16.57	16.63	18	4.3
10	64QAM	50	25	16.62	16.57	16.63		
10	64QAM	50	50	16.62	16.57	16.63		
Channel				20415	20525	20635	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
20	QPSK	1	0	21.62	21.46	20.63	22.3	0
20	QPSK	1	50	21.62	21.46	20.63		
20	QPSK	1	99	21.62	21.46	20.63		
20	QPSK	50	0	20.62	20.57	20.63	22.3	0
20	QPSK	50	50	20.62	20.57	20.63		
20	QPSK	50	99	20.62	20.57	20.63		
20	QPSK	100	0	20.62	20.57	20.63	22.3	0
20	QPSK	100	50	20.62	20.57	20.63		
20	QPSK	100	100	20.62	20.57	20.63		
20	16QAM	1	0	20.62	20.58	20.63	22	0.3
20	16QAM	1	50	20.62	20.58	20.63		
20	16QAM	1	99	20.62	20.58	20.63		
20	16QAM	50	0	20.62	20.58	20.63	22	0.3
20	16QAM	50	50	20.62	20.58	20.63		
20	16QAM	50	99	20.62	20.58	20.63		
20	16QAM	100	0	19.62	19.57	19.63	21	1.3
20	16QAM	100	50	19.62	19.57	19.63		
20	16QAM	100	100	19.62	19.57	19.63		
20	64QAM	1	0	17.62	17.58	17.63	19	3.3
20	64QAM	1	50	17.62	17.58	17.63		
20	64QAM	1	99	17.62	17.58	17.63		
20	64QAM	50	0	17.62	17.58	17.63	19	3.3
20	64QAM	50	50	17.62	17.58	17.63		
20	64QAM	50	99	17.62	17.58	17.63		
20	64QAM	100	0	16.62	16.57	16.63	18	4.3
20	64QAM	100	50	16.62	16.57	16.63		
20	64QAM	100	100	16.62	16.57	16.63		

Band 5_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
1.4	QPSK	1	0	20.62	20.63	20.63	22	0
1.4	QPSK	1	3	20.62	20.63	20.63		
1.4	QPSK	1	5	20.62	20.63	20.63		
1.4	QPSK	3	0	20.62	20.63	20.63	22	0
1.4	QPSK	3	2	20.62	20.63	20.63		
1.4	QPSK	3	3	20.62	20.63	20.63		
1.4	QPSK	6	0	20.62	20.63	20.63	22	0
1.4	QPSK	6	1	20.62	20.63	20.63		
1.4	QPSK	6	2	20.62	20.63	20.63		
1.4	16QAM	1	0	20.62	20.63	20.63	22	0
1.4	16QAM	1	3	20.62	20.63	20.63		
1.4	16QAM	1	5	20.62	20.63	20.63		
1.4	16QAM	3	0	20.62	20.63	20.63	22	0
1.4	16QAM	3	2	20.62	20.63	20.63		
1.4	16QAM	3	3	20.62	20.63	20.63		
1.4	16QAM	6	0	19.62	19.63	19.63	21	0
1.4	16QAM	6	1	19.62	19.63	19.63		
1.4	16QAM	6	2	19.62	19.63	19.63		
1.4	64QAM	1	0	17.62	17.63	17.63	19	3
1.4	64QAM	1	3	17.62	17.63	17.63		
1.4	64QAM	1	5	17.62	17.63	17.63		
1.4	64QAM	3	0	17.62	17.63	17.63	19	3
1.4	64QAM	3	2	17.62	17.63	17.63		
1.4	64QAM	3	3	17.62	17.63	17.63		
1.4	64QAM	6	0	16.62	16.63	16.63	18	4
1.4	64QAM	6	1	16.62	16.63	16.63		
1.4	64QAM	6	2	16.62	16.63	16.63		
Channel				20415	20525	20635	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
3	QPSK	1	0	20.62	20.63	20.63	22	0
3	QPSK	1	7	20.62	20.63	20.63		
3	QPSK	1	14	20.62	20.63	20.63		
3	QPSK	8	0	20.62	20.63	20.63	22	0
3	QPSK	8	4	20.62	20.63	20.63		
3	QPSK	8	7	20.62	20.63	20.63		
3	QPSK	15	0	20.62	20.63	20.63	22	0
3	QPSK	15	8	20.62	20.63	20.63		
3	QPSK	15	15	20.62	20.63	20.63		
3	16QAM	1	0	20.62	20.63	20.63	22	0
3	16QAM	1	7	20.62	20.63	20.63		
3	16QAM	1	14	20.62	20.63	20.63		
3	16QAM	8	0	20.62	20.63	20.63	22	0
3	16QAM	8	4	20.62	20.63	20.63		
3	16QAM	8	7	20.62	20.63	20.63		
3	16QAM	15	0	19.62	19.63	19.63	21	0
3	16QAM	15	8	19.62	19.63	19.63		
3	16QAM	15	15	19.62	19.63	19.63		
3	64QAM	1	0	17.62	17.63	17.63	19	3
3	64QAM	1	7	17.62	17.63	17.63		
3	64QAM	1	14	17.62	17.63	17.63		
3	64QAM	8	0	17.62	17.63	17.63	19	3
3	64QAM	8	4	17.62	17.63	17.63		
3	64QAM	8	7	17.62	17.63	17.63		
3	64QAM	15	0	16.62	16.63	16.63	18	4
3	64QAM	15	8	16.62	16.63	16.63		
3	64QAM	15	15	16.62	16.63	16.63		
Channel				20415	20525	20635	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
5	QPSK	1	0	20.62	20.63	20.63	22	0
5	QPSK	1	12	20.62	20.63	20.63		
5	QPSK	1	24	20.62	20.63	20.63		
5	QPSK	12	0	20.62	20.63	20.63	22	0
5	QPSK	12	6	20.62	20.63	20.63		
5	QPSK	12	13	20.62	20.63	20.63		
5	QPSK	25	0	20.62	20.63	20.63	22	0
5	QPSK	25	12	20.62	20.63	20.63		
5	QPSK	25	25	20.62	20.63	20.63		
5	16QAM	1	0	20.62	20.63	20.63	22	0
5	16QAM	1	12	20.62	20.63	20.63		
5	16QAM	1	24	20.62	20.63	20.63		
5	16QAM	12	0	20.62	20.63	20.63	22	0
5	16QAM	12	6	20.62	20.63	20.63		
5	16QAM	12	13	20.62	20.63	20.63		
5	16QAM	25	0	19.62	19.63	19.63	21	0
5	16QAM	25	12	19.62	19.63	19.63		
5	16QAM	25	25	19.62	19.63	19.63		
5	64QAM	1	0	17.62	17.63	17.63	19	3
5	64QAM	1	12	17.62	17.63	17.63		
5	64QAM	1	24	17.62	17.63	17.63		
5	64QAM	12	0	17.62	17.63	17.63	19	3
5	64QAM	12	6	17.62	17.63	17.63		
5	64QAM	12	13	17.62	17.63	17.63		
5	64QAM	25	0	16.62	16.63	16.63	18	4
5	64QAM	25	12	16.62	16.63	16.63		
5	64QAM	25	25	16.62	16.63	16.63		
Channel				20415	20525	20635	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
10	QPSK	1	0	20.62	20.63	20.63	22	0
10	QPSK	1	25	20.62	20.63	20.63		
10	QPSK	1	49	20.62	20.63	20.63		
10	QPSK	25	0	20.62	20.63	20.63	22	0
10	QPSK	25	12	20.62	20.63	20.63		
10	QPSK	25	25	20.62	20.63	20.63		
10	QPSK	50	0	20.62	20.63	20.63	22	0
10	QPSK	50	25	20.62	20.63	20.63		
10	QPSK	50	50	20.62	20.63	20.63		
10	16QAM	1	0	20.62	20.63	20.63	22	0
10	16QAM	1	25	20.62	20.63	20.63		
10	16QAM	1	49	20.62	20.63	20.63		
10	16QAM	25	0	20.62	20.63	20.63	22	0
10	16QAM	25	12	20.62	20.63	20.63		
10	16QAM	25	25	20.62	20.63	20.63		
10	16QAM	50	0	19.62	19.63	19.63	21	0
10	16QAM	50	25	19.62	19.63	19.63		
10	16QAM	50	50	19.62	19.63	19.63		
10	64QAM	1	0	17.62	17.63	17.63	19	3
10	64QAM	1	25	17.62	17.63	17.63		
10	64QAM	1	49	17.62	17.63	17.63		
10	64QAM	25	0	17.62	17.63	17.63	19	3
10	64QAM	25	12	17.62	17.63	17.63		
10	64QAM	25	25	17.62	17.63	17.63		
10	64QAM	50	0	16.62	16.63	16.63	18	4
10	64QAM	50	25	16.62	16.63	16.63		
10	64QAM	50	50	16.62	16.63	16.63		
Channel				20415	20525	20635	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				824.7	836.5	848.3		
20	QPSK	1	0	20.62	20.63	20.63	22	0
20	QPSK	1	50	20.62	20.63	20.63		
20	QPSK	1	99	20.62	20.63	20.63		
20	QPSK	50	0	20.62	20.63	20.63	22	0
20	QPSK	50	50	20.62	20.63	20.63		
20	QPSK	50	99	20.62	20.63	20.63		
20	QPSK	100	0	20.62	20.63	20.63	22	0
20	QPSK	100	50	20.62	20.63	20.63		
20	QPSK	100	100	20.62	20.63	20.63		
20	16QAM	1	0	20.62	20.63	20.63	22	0
20	16QAM	1	50	20.62	20.63	20.63		
20	16QAM	1	99	20.62	20.63	20.63		
20	16QAM	50	0	20.62	20.63	20.63	22	0
20	16QAM	50	50	20.62	20.63	20.63		
20	16QAM	50	99	20.62	20.63	20.63		
20	16QAM	100	0	19.62	19.63	19.63	21	0
20	16QAM	100	50	19.62	19.63	19.63		
20	16QAM	100	100	19.62	19.63	19.63		
20	64QAM	1	0	17.62	17.63	17.63	19	3
20	64QAM	1	50	17.62	17.63	17.63		
20	64QAM	1	99	17.62	17.63	17.63		
20	64QAM	50	0	17.62	17.63	17.63	19	3
20	64QAM	50	50	17.62	17.63	17.63		
20	64QAM	50	99	17.62	17.63	17.63		
20	64QAM	100	0	16.62	16.63	16.63	18	4
20	64QAM	100	50	16.62	16.63	16.63		
20	64QAM	100	100	16.62	16.63	16.63		

Band 7_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2502.5	2535	2567.5		
5	QPSK	1	0	18.56	18.62	18.68	17.8	0
5	QPSK	1	12	18.56	18.62	18.68		
5	QPSK	1	24	18.56	18.62	18.68		
5	QPSK	12	0	18.56	18.62	18.68	17.8	0
5	QPSK	12	6	18.56	18.62	18.68		
5	QPSK	12	13	18.56	18.62	18.68		
5	QPSK	25	0	18.56	18.62	18.68	17.8	0
5	QPSK	25	12	18.56	18.62	18.68		
5	QPSK	25	25	18.56	18.62	18.68		
5	16QAM	1	0	18.56	18.62	18.68	17.8	0
5	16QAM	1	12	18.56	18.62	18.68		
5	16QAM	1	24	18.56	18.62	18.68		
5	16QAM	12	0	18.56	18.62	18.68	17.8	0
5	16QAM	12	6	18.56	18.62	18.68		
5	16QAM	12	13	18.56	18.62	18.68		
5	16QAM	25	0	18.56	18.62	18.68	17.8	0
5	16QAM	25	12	18.56	18.62	18.68		
5	16QAM	25	25	18.56	18.62	18.68		
5	64QAM	1	0	18.56	18.62	18.68	17.8	0
5	64QAM	1	12	18.56	18.62	18.68		
5	64QAM	1	24	18.56	18.62	18.68		
5	64QAM	12	0	18.56	18.62	18.68	17.8	0
5	64QAM	12	6	18.56	18.62	18.68		
5	64QAM	12	13	18.56	18.62	18.68		
5	64QAM	25	0	18.56	18.62	18.68	17.8	0
5	64QAM	25	12	18.56	18.62	18.68		
5	64QAM	25	25	18.56	18.62	18.68		
Channel				20775	21100	21425	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2502.5	2535	2567.5		
10	QPSK	1	0	18.56	18.62	18.68	17.8	0
10	QPSK	1	25	18.56	18.62	18.68		
10	QPSK	1	49	18.56	18.62	18.68		
10	QPSK	25	0	18.56	18.62	18.68	17.8	0
10	QPSK	25	12	18.56	18.62	18.68		
10	QPSK	25	25	18.56	18.62	18.68		
10	QPSK	50	0	18.56	18.62	18.68	17.8	0
10	QPSK	50	25	18.56	18.62	18.68		
10	QPSK	50	50	18.56	18.62	18.68		
10	16QAM	1	0	18.56	18.62	18.68	17.8	0
10	16QAM	1	25	18.56	18.62	18.68		
10	16QAM	1	49	18.56	18.62	18.68		
10	16QAM	25	0	18.56	18.62	18.68	17.8	0
10	16QAM	25	12	18.56	18.62	18.68		
10	16QAM	25	25	18.56	18.62	18.68		
10	16QAM	50	0	18.56	18.62	18.68	17.8	0
10	16QAM	50	25	18.56	18.62	18.68		
10	16QAM	50	50	18.56	18.62	18.68		
10	64QAM	1	0	18.56	18.62	18.68	17.8	0
10	64QAM	1	25	18.56	18.62	18.68		
10	64QAM	1	49	18.56	18.62	18.68		
10	64QAM	25	0	18.56	18.62	18.68	17.8	0
10	64QAM	25	12	18.56	18.62	18.68		
10	64QAM	25	25	18.56	18.62	18.68		
10	64QAM	50	0	18.56	18.62	18.68	17.8	0
10	64QAM	50	25	18.56	18.62	18.68		
10	64QAM	50	50	18.56	18.62	18.68		
Channel				20800	21100	21400	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2502.5	2535	2567.5		
15	QPSK	1	0	18.56	18.62	18.68	17.8	0
15	QPSK	1	37	18.56	18.62	18.68		
15	QPSK	1	74	18.56	18.62	18.68		
15	QPSK	37	0	18.56	18.62	18.68	17.8	0
15	QPSK	37	19	18.56	18.62	18.68		
15	QPSK	37	37	18.56	18.62	18.68		
15	QPSK	75	0	18.56	18.62	18.68	17.8	0
15	QPSK	75	37	18.56	18.62	18.68		
15	QPSK	75	75	18.56	18.62	18.68		
15	16QAM	1	0	18.56	18.62	18.68	17.8	0
15	16QAM	1	37	18.56	18.62	18.68		
15	16QAM	1	74	18.56	18.62	18.68		
15	16QAM	37	0	18.56	18.62	18.68	17.8	0
15	16QAM	37	19	18.56	18.62	18.68		
15	16QAM	37	37	18.56	18.62	18.68		
15	16QAM	75	0	18.56	18.62	18.68	17.8	0
15	16QAM	75	37	18.56	18.62	18.68		
15	16QAM	75	75	18.56	18.62	18.68		
15	64QAM	1	0	18.56	18.62	18.68	17.8	0
15	64QAM	1	37	18.56	18.62	18.68		
15	64QAM	1	74	18.56	18.62	18.68		
15	64QAM	37	0	18.56	18.62	18.68	17.8	0
15	64QAM	37	19	18.56	18.62	18.68		
15	64QAM	37	37	18.56	18.62	18.68		
15	64QAM	75	0	18.56

Band 12_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.09	23.14	23.12	24	0
10	QPSK	1	25	23.06	23.05	23.05		
10	QPSK	1	49	23.06	23.06	23.10		
10	QPSK	25	0	22.16	22.19	22.17	23	1
10	QPSK	25	12	22.12	22.10	22.10		
10	QPSK	25	25	22.15	22.18	22.15		
10	QPSK	50	0	22.11	22.18	22.07		
10	16QAM	1	0	22.28	22.40	22.39	23	1
10	16QAM	1	25	22.38	22.39	22.35		
10	16QAM	1	49	22.42	22.46	22.42		
10	16QAM	25	0	21.14	21.08	21.11	22	2
10	16QAM	25	12	21.15	21.21	21.14		
10	16QAM	25	25	21.19	21.19	21.15		
10	16QAM	50	0	21.10	21.20	21.10		
10	64QAM	1	0	21.21	21.29	21.23	22	2
10	64QAM	1	25	21.25	21.26	21.23		
10	64QAM	1	49	21.29	21.40	21.29		
10	64QAM	25	0	20.16	20.12	20.15	21	3
10	64QAM	25	12	20.18	20.20	20.13		
10	64QAM	25	25	20.25	20.22	20.21		
10	64QAM	50	0	20.15	20.22	20.10		
10	256QAM	1	0	17.98	18.09	18.04	19	5
10	256QAM	1	25	17.97	18.07	18.03		
10	256QAM	1	49	18.05	18.14	18.02		
10	256QAM	25	0	17.98	18.01	17.99	19	5
10	256QAM	25	12	17.90	18.02	17.95		
10	256QAM	25	25	17.98	18.06	18.05		
10	256QAM	50	0	17.91	17.98	17.97		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.98	23.03	23.04	24	0
5	QPSK	1	12	23.05	23.06	23.10		
5	QPSK	1	24	23.03	23.08	23.08		
5	QPSK	12	0	22.10	22.06	22.01	23	1
5	QPSK	12	7	22.13	22.09	22.03		
5	QPSK	12	13	22.09	22.12	22.05		
5	QPSK	25	0	22.13	22.06	22.00		
5	16QAM	1	0	22.33	22.37	22.39	23	1
5	16QAM	1	12	22.33	22.32	22.44		
5	16QAM	1	24	22.39	22.45	22.32		
5	16QAM	12	0	21.17	21.10	21.05	22	2
5	16QAM	12	7	21.19	21.11	21.07		
5	16QAM	12	13	21.10	21.15	21.09		
5	16QAM	25	0	21.12	21.04	21.03		
5	64QAM	1	0	21.15	21.17	21.19	22	2
5	64QAM	1	12	21.22	21.22	21.17		
5	64QAM	1	24	21.24	21.26	21.21		
5	64QAM	12	0	20.15	20.13	20.03	21	3
5	64QAM	12	7	20.20	20.12	20.08		
5	64QAM	12	13	20.10	20.15	20.09		
5	64QAM	25	0	20.09	20.07	20.03		
5	256QAM	1	0	17.97	18.07	17.99	19	5
5	256QAM	1	12	17.92	18.01	17.94		
5	256QAM	1	24	18.01	18.07	18.00		
5	256QAM	12	0	17.89	17.89	17.93	19	5
5	256QAM	12	7	17.80	17.95	17.91		
5	256QAM	12	13	17.92	18.01	18.01		
5	256QAM	25	0	17.86	17.97	17.91		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.06	23.04	22.99	24	0
3	QPSK	1	8	23.08	23.09	23.10		
3	QPSK	1	14	22.96	23.01	22.98		
3	QPSK	8	0	22.12	22.04	21.99	23	1
3	QPSK	8	4	22.12	22.05	22.10		
3	QPSK	8	7	22.07	22.07	21.99		
3	QPSK	15	0	22.08	22.03	21.95		
3	16QAM	1	0	22.34	22.40	22.31	23	1
3	16QAM	1	8	22.49	22.43	22.43		
3	16QAM	1	14	22.27	22.34	22.32		
3	16QAM	8	0	21.14	21.07	21.03	22	2
3	16QAM	8	4	21.19	21.08	21.16		
3	16QAM	8	7	21.09	21.13	21.04		
3	16QAM	15	0	21.12	21.04	21.02		
3	64QAM	1	0	21.34	21.20	21.12	22	2
3	64QAM	1	8	21.34	21.36	21.26		
3	64QAM	1	14	21.17	21.25	21.22		
3	64QAM	8	0	20.20	20.13	20.04	21	3
3	64QAM	8	4	20.19	20.11	20.13		
3	64QAM	8	7	20.15	20.12	20.06		
3	64QAM	15	0	20.11	20.08	20.04		
3	256QAM	1	0	17.88	17.97	17.95	19	5
3	256QAM	1	8	17.88	18.00	17.94		
3	256QAM	1	14	17.99	18.10	17.91		
3	256QAM	8	0	17.96	17.97	17.91	19	5
3	256QAM	8	4	17.81	17.96	17.91		
3	256QAM	8	7	17.93	18.01	17.99		
3	256QAM	15	0	17.83	17.87	17.85		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.03	23.02	22.90	24	0
1.4	QPSK	1	3	23.06	23.06	23.01		
1.4	QPSK	1	5	22.92	23.00	22.97		
1.4	QPSK	3	0	22.99	22.94	22.86		
1.4	QPSK	3	1	22.94	23.00	22.92		
1.4	QPSK	3	3	22.80	22.93	22.92		
1.4	QPSK	6	0	21.97	21.95	21.87	23	1
1.4	16QAM	1	0	22.29	22.39	22.21	23	1
1.4	16QAM	1	3	22.48	22.33	22.33		
1.4	16QAM	1	5	22.15	22.23	22.29		
1.4	16QAM	3	0	22.23	22.33	22.17		
1.4	16QAM	3	1	22.41	22.23	22.28		
1.4	16QAM	3	3	22.06	22.17	22.27		
1.4	16QAM	6	0	21.03	20.96	20.95	22	2
1.4	64QAM	1	0	21.25	21.17	21.11	22	2
1.4	64QAM	1	3	21.33	21.28	21.21		
1.4	64QAM	1	5	21.10	21.20	21.12		
1.4	64QAM	3	0	21.21	21.11	21.01		
1.4	64QAM	3	1	21.31	21.18	21.16		
1.4	64QAM	3	3	20.98	21.16	21.10		
1.4	64QAM	6	0	20.10	20.03	20.00	21	3
1.4	256QAM	1	0	17.86	17.92	17.88	19	5
1.4	256QAM	1	3	17.79	17.91	17.93		
1.4	256QAM	1	5	17.89	17.98	17.85		
1.4	256QAM	3	0	17.91	17.92	17.84		
1.4	256QAM	3	1	17.70	17.85	17.90		
1.4	256QAM	3	3	17.88	17.95	17.92		
1.4	256QAM	6	0	17.74	17.85	17.75	19	5

Band 12_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.21	22.24	22.17	23.5	0
10	QPSK	1	25	22.17	22.20	22.15		
10	QPSK	1	49	22.11	22.15	22.08		
10	QPSK	25	0	21.74	21.87	21.76	23	0.5
10	QPSK	25	12	21.68	21.76	21.74		
10	QPSK	25	25	21.61	21.74	21.67		
10	QPSK	50	0	21.78	21.83	21.78		
10	16QAM	1	0	21.90	21.93	21.93	23	0.5
10	16QAM	1	25	21.96	22.08	21.98		
10	16QAM	1	49	22.09	21.97	22.02		
10	16QAM	25	0	20.69	20.68	20.69	22	1.5
10	16QAM	25	12	20.69	20.74	20.67		
10	16QAM	25	25	20.76	20.74	20.71		
10	16QAM	50	0	20.75	20.61	20.63		
10	64QAM	1	0	21.02	20.94	20.95	22	1.5
10	64QAM	1	25	21.03	21.14	20.79		
10	64QAM	1	49	21.08	21.20	21.08		
10	64QAM	25	0	19.84	19.81	19.71	21	2.5
10	64QAM	25	12	19.82	19.78	19.84		
10	64QAM	25	25	19.92	19.84	19.89		
10	64QAM	50	0	19.88	19.75	19.79		
10	256QAM	1	0	17.74	17.77	17.60	19	4.5
10	256QAM	1	25	17.80	17.66	17.77		
10	256QAM	1	49	17.84	17.83	17.82		
10	256QAM	25	0	17.77	17.79	17.66	19	4.5
10	256QAM	25	12	17.72	17.76	17.83		
10	256QAM	25	25	17.81	17.83	17.85		
10	256QAM	50	0	17.77	17.71	17.71		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.14	22.23	22.13	23.5	0
5	QPSK	1	12	22.12	22.12	22.08		
5	QPSK	1	24	22.07	22.05	22.02		
5	QPSK	12	0	21.70	21.80	21.67	23	0.5
5	QPSK	12	7	21.62	21.73	21.68		
5	QPSK	12	13	21.52	21.64	21.62		
5	QPSK	25	0	21.74	21.77	21.76		
5	16QAM	1	0	21.81	21.85	21.91	23	0.5
5	16QAM	1	12	21.95	22.05	21.90		
5	16QAM	1	24	22.02	21.92	21.96		
5	16QAM	12	0	20.62	20.59	20.67	22	1.5
5	16QAM	12	7	20.68	20.67	20.60		
5	16QAM	12	13	20.73	20.68	20.69		
5	16QAM	25	0	20.71	20.61	20.56		
5	64QAM	1	0	20.93	20.91	20.88	22	1.5
5	64QAM	1	12	21.00	21.10	20.71		
5	64QAM	1	24	21.00	21.16	21.04		
5	64QAM	12	0	19.78	19.71	19.68	21	2.5
5	64QAM	12	7	19.76	19.79	19.73		
5	64QAM	12	13	19.85	19.81	19.87		
5	64QAM	25	0	19.77	19.71	19.73		
5	256QAM	1	0	17.62	17.76	17.55	19	4.5
5	256QAM	1	12	17.72	17.60	17.72		
5	256QAM	1	24	17.82	17.73	17.74		
5	256QAM	12	0	17.68	17.78	17.61	19	4.5
5	256QAM	12	7	17.62	17.67	17.80		
5	256QAM	12	13	17.75	17.76	17.76		
5	256QAM	25	0	17.70	17.61	17.63		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.18	22.14	22.12	23.5	0
3	QPSK	1	8	22.07	22.15	22.10		
3	QPSK	1	14	22.09	22.08	21.96		
3	QPSK	8	0	21.66	21.84	21.70	23	0.5
3	QPSK	8	4	21.66	21.68	21.66		
3	QPSK	8	7	21.57	21.67	21.62		
3	QPSK	15	0	21.72	21.76	21.73		
3	16QAM	1	0	21.84	21.85	21.91	23	0.5
3	16QAM	1	8	21.96	22.06	21.93		
3	16QAM	1	14	22.04	21.93	21.93		
3	16QAM	8	0	20.64	20.62	20.68	22	1.5
3	16QAM	8	4	20.70	20.71	20.62		
3	16QAM	8	7	20.70	20.70	20.65		
3	16QAM	15	0	20.67	20.51	20.57		
3	64QAM	1	0	20.96	20.93	20.87	22	1.5
3	64QAM	1	8	21.02	21.07	20.70		
3	64QAM	1	14	21.08	21.09	21.08		
3	64QAM	8	0	19.79	19.71	19.71	21	2.5
3	64QAM	8	4	19.79	19.69	19.77		
3	64QAM	8	7	19.93	19.76	19.83		
3	64QAM	15	0	19.79	19.67	19.68		
3	256QAM	1	0	17.64	17.70	17.51	19	4.5
3	256QAM	1	8	17.75	17.61	17.69		
3	256QAM	1	14	17.78	17.83	17.74		
3	256QAM	8	0	17.70	17.76	17.57	19	4.5
3	256QAM	8	4	17.68	17.65	17.77		
3	256QAM	8	7	17.76	17.75	17.84		
3	256QAM	15	0	17.75	17.67	17.64		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.18	22.23	22.11	23.5	0
1.4	QPSK	1	3	22.18	22.12	22.05		
1.4	QPSK	1	5	22.07	22.09	21.99		
1.4	QPSK	3	0	21.74	21.81	21.67		
1.4	QPSK	3	1	21.62	21.67	21.69		
1.4	QPSK	3	3	21.55	21.72	21.66		
1.4	QPSK	6	0	21.72	21.74	21.70	23	0.5
1.4	16QAM	1	0	21.82	21.91	21.89	23	0.5
1.4	16QAM	1	3	21.89	22.00	21.91		
1.4	16QAM	1	5	22.03	21.96	22.00		
1.4	16QAM	3	0	20.65	20.62	20.65		
1.4	16QAM	3	1	20.59	20.69	20.60		
1.4	16QAM	3	3	20.69	20.69	20.67		
1.4	16QAM	6	0	20.76	20.53	20.54	22	1.5
1.4	64QAM	1	0	20.97	20.91	20.87	22	1.5
1.4	64QAM	1	3	20.92	21.09	20.73		
1.4	64QAM	1	5	21.05	21.15	21.09		
1.4	64QAM	3	0	19.77	19.75	19.63		
1.4	64QAM	3	1	19.81	19.73	19.85		
1.4	64QAM	3	3	19.88	19.80	19.89		
1.4	64QAM	6	0	19.84	19.64	19.72	21	2.5
1.4	256QAM	1	0	17.71	17.66	17.48	19	4.5
1.4	256QAM	1	3	17.75	17.58	17.67		
1.4	256QAM	1	5	17.78	17.83	17.74		
1.4	256QAM	3	0	17.74	17.71	17.62		
1.4	256QAM	3	1	17.68	17.69	17.76		
1.4	256QAM	3	3	17.76	17.78	17.79		
1.4	256QAM	6	0	17.75	17.68	17.68	19	4.5

Band 13_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		22.5	0
10	QPSK	1	25		21.47			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.62		22.5	0
10	QPSK	25	12		21.48			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.65			
10	16QAM	1	0		21.92		22.5	0
10	16QAM	1	25		21.47			
10	16QAM	1	49		21.57			
10	16QAM	25	0		20.99		22	0.5
10	16QAM	25	12		20.94			
10	16QAM	25	25		21.03			
10	16QAM	50	0		20.98			
10	64QAM	1	0		21.07		22	0.5
10	64QAM	1	25		21.11			
10	64QAM	1	49		21.15			
10	64QAM	25	0		20.00		21	1.5
10	64QAM	25	12		20.07			
10	64QAM	25	25		20.08			
10	64QAM	50	0		20.06			
10	256QAM	1	0		17.95		19	3.5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.85			
10	256QAM	25	0		17.86		19	3.5
10	256QAM	25	12		17.88			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.84			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.44	21.48	21.49	22.5	0
5	QPSK	1	12	21.35	21.38	21.36		
5	QPSK	1	24	21.43	21.49	21.48		
5	QPSK	12	0	21.58	21.57	21.54	22.5	0
5	QPSK	12	7	21.47	21.47	21.41		
5	QPSK	12	13	21.42	21.46	21.46		
5	QPSK	25	0	21.59	21.60	21.59		
5	16QAM	1	0	21.90	21.87	21.86	22.5	0
5	16QAM	1	12	21.45	21.37	21.42		
5	16QAM	1	24	21.53	21.51	21.51		
5	16QAM	12	0	20.92	20.94	20.90	22	0.5
5	16QAM	12	7	21.04	21.00	20.96		
5	16QAM	12	13	20.98	21.05	21.07		
5	16QAM	25	0	21.05	20.98	20.93		
5	64QAM	1	0	21.02	21.10	21.22	22	0.5
5	64QAM	1	12	21.15	21.11	21.19		
5	64QAM	1	24	21.20	21.17	21.14		
5	64QAM	12	0	20.00	20.00	19.91	21	1.5
5	64QAM	12	7	20.02	20.06	20.05		
5	64QAM	12	13	19.98	20.00	20.03		
5	64QAM	25	0	20.03	19.90	19.99		
5	256QAM	1	0	17.84	17.90	17.87	19	3.5
5	256QAM	1	12	17.91	17.96	17.87		
5	256QAM	1	24	17.94	17.82	17.89		
5	256QAM	12	0	17.87	17.89	17.94	19	3.5
5	256QAM	12	7	18.06	17.86	18.03		
5	256QAM	12	13	17.97	17.93	18.00		
5	256QAM	25	0	17.99	17.89	17.88		

Band 13_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.79		22.5	0
10	QPSK	1	25		21.59			
10	QPSK	1	49		21.53			
10	QPSK	25	0		21.75		22.5	0
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.64			
10	QPSK	50	0		21.61			
10	16QAM	1	0		21.72		22.5	0
10	16QAM	1	25		21.70			
10	16QAM	1	49		21.63			
10	16QAM	25	0		20.74		22	0.5
10	16QAM	25	12		20.74			
10	16QAM	25	25		20.78			
10	16QAM	50	0		20.63			
10	64QAM	1	0		20.74		22	0.5
10	64QAM	1	25		20.96			
10	64QAM	1	49		21.01			
10	64QAM	25	0		19.79		21	1.5
10	64QAM	25	12		19.65			
10	64QAM	25	25		19.73			
10	64QAM	50	0		19.75			
10	256QAM	1	0		18.80		19	3.5
10	256QAM	1	25		18.69			
10	256QAM	1	49		18.82			
10	256QAM	25	0		18.79		19	3.5
10	256QAM	25	12		18.66			
10	256QAM	25	25		18.79			
10	256QAM	50	0		18.72			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.74	21.67	21.68	22.5	0
5	QPSK	1	12	21.47	21.47	21.55		
5	QPSK	1	24	21.49	21.41	21.51		
5	QPSK	12	0	21.64	21.73	21.65	22.5	0
5	QPSK	12	7	21.72	21.70	21.70		
5	QPSK	12	13	21.57	21.57	21.55		
5	QPSK	25	0	21.52	21.56	21.50		
5	16QAM	1	0	21.58	21.66	21.64	22.5	0
5	16QAM	1	12	21.67	21.66	21.66		
5	16QAM	1	24	21.47	21.48	21.45		
5	16QAM	12	0	20.66	20.71	20.65	22	0.5
5	16QAM	12	7	20.72	20.83	20.77		
5	16QAM	12	13	20.87	20.79	20.72		
5	16QAM	25	0	20.83	20.61	20.77		
5	64QAM	1	0	21.09	21.00	21.13	22	0.5
5	64QAM	1	12	21.03	20.97	20.96		
5	64QAM	1	24	20.91	21.11	20.87		
5	64QAM	12	0	19.71	19.80	19.56	21	1.5
5	64QAM	12	7	19.68	19.68	19.75		
5	64QAM	12	13	19.73	19.90	19.73		
5	64QAM	25	0	19.82	19.72	19.76		
5	256QAM	1	0	18.74	18.79	18.74	19	3.5
5	256QAM	1	12	18.61	18.59	18.54		
5	256QAM	1	24	18.64	18.68	18.64		
5	256QAM	12	0	18.74	18.66	18.68	19	3.5
5	256QAM	12	7	18.65	18.52	18.53		
5	256QAM	12	13	18.67	18.72	18.70		
5	256QAM	25	0	18.62	18.68	18.69		

Band 14_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		21.64		22.5	0
10	QPSK	1	25		21.54			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		22.5	0
10	QPSK	25	12		21.58			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.57			
10	16QAM	1	0		21.56		22.5	0
10	16QAM	1	25		21.55			
10	16QAM	1	49		21.40			
10	16QAM	25	0		20.96		22	0.5
10	16QAM	25	12		21.07			
10	16QAM	25	25		21.06			
10	16QAM	50	0		20.93			
10	64QAM	1	0		21.12		22	0.5
10	64QAM	1	25		21.10			
10	64QAM	1	49		21.13			
10	64QAM	25	0		19.98		21	1.5
10	64QAM	25	12		20.09			
10	64QAM	25	25		20.12			
10	64QAM	50	0		20.01			
10	256QAM	1	0		17.91		19	3.5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.96			
10	256QAM	25	0		17.95		19	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.06			
10	256QAM	50	0		17.96			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.58	21.52	21.54	22.5	0
5	QPSK	1	12	21.33	21.32	21.33		
5	QPSK	1	24	21.50	21.53	21.55		
5	QPSK	12	0	21.59	21.61	21.59	22.5	0
5	QPSK	12	7	21.48	21.52	21.54		
5	QPSK	12	13	21.45	21.40	21.44		
5	QPSK	25	0	21.47	21.49	21.56		
5	16QAM	1	0	21.49	21.57	21.51	22.5	0
5	16QAM	1	12	21.39	21.46	21.52		
5	16QAM	1	24	21.35	21.33	21.36		
5	16QAM	12	0	20.90	20.94	20.89	22	0.5
5	16QAM	12	7	20.80	20.84	20.78		
5	16QAM	12	13	20.66	20.72	20.71		
5	16QAM	25	0	20.83	20.94	20.83		
5	64QAM	1	0	21.03	21.02	20.98	22	0.5
5	64QAM	1	12	21.08	21.11	21.10		
5	64QAM	1	24	21.09	21.10	21.05		
5	64QAM	12	0	20.01	20.01	19.91	21	1.5
5	64QAM	12	7	19.67	19.68	19.68		
5	64QAM	12	13	19.73	19.77	19.77		
5	64QAM	25	0	19.91	19.93	19.87		
5	256QAM	1	0	17.98	17.97	17.93	19	3.5
5	256QAM	1	12	17.52	17.57	17.60		
5	256QAM	1	24	17.59	17.66	17.60		
5	256QAM	12	0	17.87	17.88	17.88	19	3.5
5	256QAM	12	7	17.55	17.56	17.50		
5	256QAM	12	13	17.73	17.73	17.65		
5	256QAM	25	0	17.84	17.83	17.85		

Band 14_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23330				
Frequency (MHz)				793				
10	QPSK	1	0		22.32		23.5	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.27			
10	QPSK	25	0		21.77		23	0.5
10	QPSK	25	12		21.71			
10	QPSK	25	25		21.70			
10	QPSK	50	0		21.63			
10	16QAM	1	0		21.98		23	0.5
10	16QAM	1	25		21.99			
10	16QAM	1	49		21.99			
10	16QAM	25	0		20.66		22	1.5
10	16QAM	25	12		20.76			
10	16QAM	25	25		20.79			
10	16QAM	50	0		20.68			
10	64QAM	1	0		20.74		22	1.5
10	64QAM	1	25		20.76			
10	64QAM	1	49		20.80			
10	64QAM	25	0		19.67		21	2.5
10	64QAM	25	12		19.77			
10	64QAM	25	25		19.82			
10	64QAM	50	0		19.77			
10	256QAM	1	0		17.78		19	4.5
10	256QAM	1	25		17.84			
10	256QAM	1	49		17.80			
10	256QAM	25	0		17.78		19	4.5
10	256QAM	25	12		17.83			
10	256QAM	25	25		17.71			
10	256QAM	50	0		17.75			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.93	22.27	22.30	23.5	0
5	QPSK	1	12	22.17	22.22	22.13		
5	QPSK	1	24	22.21	22.20	22.09		
5	QPSK	12	0	21.70	21.59	21.58	23	0.5
5	QPSK	12	7	21.80	21.76	21.76		
5	QPSK	12	13	21.75	21.76	21.74		
5	QPSK	25	0	21.73	21.60	21.64		
5	16QAM	1	0	21.95	21.86	21.90	23	0.5
5	16QAM	1	12	22.06	21.98	21.88		
5	16QAM	1	24	21.91	21.99	21.87		
5	16QAM	12	0	20.68	20.57	20.64	22	1.5
5	16QAM	12	7	20.77	20.81	20.68		
5	16QAM	12	13	20.77	20.78	20.74		
5	16QAM	25	0	20.74	20.63	20.67		
5	64QAM	1	0	20.76	20.74	20.79	22	1.5
5	64QAM	1	12	20.75	20.84	20.75		
5	64QAM	1	24	20.94	20.88	20.82		
5	64QAM	12	0	19.63	19.64	19.63	21	2.5
5	64QAM	12	7	19.84	19.82	19.71		
5	64QAM	12	13	19.82	19.84	19.83		
5	64QAM	25	0	19.79	19.65	19.68		
5	256QAM	1	0	17.71	17.76	17.71	19	4.5
5	256QAM	1	12	17.79	17.73	17.71		
5	256QAM	1	24	17.76	17.72	17.84		
5	256QAM	12	0	17.82	17.67	17.83	19	4.5
5	256QAM	12	7	17.73	17.77	17.77		
5	256QAM	12	13	17.72	17.68	17.77		
5	256QAM	25	0	17.68	17.88	17.86		

Band 17_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.95	23.18	22.96	24	0
10	QPSK	1	25	22.94	22.95	22.92		
10	QPSK	1	49	22.97	22.92	22.95		
10	QPSK	25	0	22.13	22.15	22.11	23	1
10	QPSK	25	12	22.11	22.02	22.08		
10	QPSK	25	25	22.09	22.10	22.09		
10	QPSK	50	0	22.02	22.07	22.02		
10	16QAM	1	0	22.32	22.17	22.22	23	1
10	16QAM	1	25	22.31	22.28	22.32		
10	16QAM	1	49	22.28	22.25	22.27		
10	16QAM	25	0	21.08	21.06	21.05	22	2
10	16QAM	25	12	21.20	21.11	21.13		
10	16QAM	25	25	21.11	21.12	21.10		
10	16QAM	50	0	21.04	21.06	21.04		
10	64QAM	1	0	21.15	21.08	21.13	22	2
10	64QAM	1	25	21.16	21.17	21.11		
10	64QAM	1	49	21.19	21.23	21.21		
10	64QAM	25	0	20.11	20.10	20.07	21	3
10	64QAM	25	12	20.17	20.13	20.13		
10	64QAM	25	25	20.17	20.13	20.12		
10	64QAM	50	0	20.05	20.09	20.05		
10	256QAM	1	0	17.95	17.90	17.95	19	5
10	256QAM	1	25	17.96	17.96	17.97		
10	256QAM	1	49	17.97	18.03	17.98		
10	256QAM	25	0	18.06	17.89	17.93	19	5
10	256QAM	25	12	18.05	18.04	18.08		
10	256QAM	25	25	17.95	17.99	18.02		
10	256QAM	50	0	17.89	17.91	17.86		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.97	22.99	23.00	24	0
5	QPSK	1	12	22.86	22.96	22.98		
5	QPSK	1	24	22.92	22.97	22.95		
5	QPSK	12	0	22.06	22.08	22.05	23	1
5	QPSK	12	7	22.06	22.02	22.07		
5	QPSK	12	13	22.03	22.03	22.00		
5	QPSK	25	0	22.08	22.02	21.99		
5	16QAM	1	0	22.34	22.33	22.36	23	1
5	16QAM	1	12	22.32	22.34	22.35		
5	16QAM	1	24	22.24	22.32	22.31		
5	16QAM	12	0	21.08	21.09	21.05	22	2
5	16QAM	12	7	21.13	21.05	21.07		
5	16QAM	12	13	21.04	21.08	21.01		
5	16QAM	25	0	21.10	21.08	21.01		
5	64QAM	1	0	21.25	21.19	21.14	22	2
5	64QAM	1	12	21.10	21.18	21.07		
5	64QAM	1	24	21.13	21.19	21.14		
5	64QAM	12	0	20.08	20.12	20.09	21	3
5	64QAM	12	7	20.13	20.09	20.13		
5	64QAM	12	13	20.05	20.07	20.06		
5	64QAM	25	0	20.11	20.07	19.99		
5	256QAM	1	0	17.90	17.89	17.96	19	5
5	256QAM	1	12	18.02	17.96	17.93		
5	256QAM	1	24	17.94	18.04	18.01		
5	256QAM	12	0	17.99	17.89	17.95	19	5
5	256QAM	12	7	18.00	17.99	18.06		
5	256QAM	12	13	17.98	17.92	17.92		
5	256QAM	25	0	17.92	17.92	17.87		

Band 17_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.21	22.24	22.20	23.5	0
10	QPSK	1	25	22.17	22.20	22.17		
10	QPSK	1	49	22.11	22.18	22.15		
10	QPSK	25	0	21.70	21.86	21.76	23	0.5
10	QPSK	25	12	21.66	21.78	21.72		
10	QPSK	25	25	21.62	21.77	21.68		
10	QPSK	50	0	21.66	21.66	21.64		
10	16QAM	1	0	21.92	21.92	21.94	23	0.5
10	16QAM	1	25	21.90	22.01	21.93		
10	16QAM	1	49	21.93	22.10	22.01		
10	16QAM	25	0	20.76	20.76	20.74	22	1.5
10	16QAM	25	12	20.83	20.73	20.78		
10	16QAM	25	25	20.89	20.80	20.77		
10	16QAM	50	0	20.74	20.73	20.73		
10	64QAM	1	0	20.77	20.69	20.81	22	1.5
10	64QAM	1	25	20.81	20.86	20.92		
10	64QAM	1	49	20.77	20.88	20.88		
10	64QAM	25	0	19.78	19.84	19.80	21	2.5
10	64QAM	25	12	19.90	19.78	19.79		
10	64QAM	25	25	19.82	19.85	19.83		
10	64QAM	50	0	19.71	19.76	19.70		
10	256QAM	1	0	17.78	17.88	17.92	19	4.5
10	256QAM	1	25	17.83	17.82	17.87		
10	256QAM	1	49	17.76	17.77	17.80		
10	256QAM	25	0	17.88	17.89	17.90	19	4.5
10	256QAM	25	12	17.82	17.84	17.82		
10	256QAM	25	25	17.87	17.87	17.81		
10	256QAM	50	0	17.91	17.90	17.89		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.23	22.05	22.07	23.5	0
5	QPSK	1	12	22.41	21.98	22.16		
5	QPSK	1	24	21.97	22.05	22.13		
5	QPSK	12	0	21.70	21.68	21.73	23	0.5
5	QPSK	12	7	21.67	21.68	21.77		
5	QPSK	12	13	21.69	21.64	21.71		
5	QPSK	25	0	21.66	21.59	21.63		
5	16QAM	1	0	21.83	21.71	21.99	23	0.5
5	16QAM	1	12	21.42	21.52	21.82		
5	16QAM	1	24	21.93	22.10	21.80		
5	16QAM	12	0	20.70	20.67	20.57	22	1.5
5	16QAM	12	7	20.64	20.76	20.66		
5	16QAM	12	13	20.68	20.69	20.63		
5	16QAM	25	0	20.76	20.76	20.78		
5	64QAM	1	0	20.87	20.58	20.74	22	1.5
5	64QAM	1	12	20.90	20.67	20.66		
5	64QAM	1	24	20.80	21.07	20.62		
5	64QAM	12	0	19.89	19.75	19.56	21	2.5
5	64QAM	12	7	19.65	19.73	19.73		
5	64QAM	12	13	19.86	19.84	19.72		
5	64QAM	25	0	19.81	19.73	19.83		
5	256QAM	1	0	17.54	17.65	17.41	19	4.5
5	256QAM	1	12	17.60	17.45	17.58		
5	256QAM	1	24	17.69	17.70	17.65		
5	256QAM	12	0	17.55	17.63	17.50	19	4.5
5	256QAM	12	7	17.56	17.65	17.67		
5	256QAM	12	13	17.66	17.62	17.64		
5	256QAM	25	0	17.61	17.53	17.55		

Band 25_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.95	16.05	16.04	16.9	0
20	QPSK	1	49	15.93	15.97	15.90		
20	QPSK	1	99	15.89	15.95	15.88		
20	QPSK	50	0	15.85	15.97	15.90	16.9	0
20	QPSK	50	24	15.80	15.92	15.85		
20	QPSK	50	50	15.74	15.88	15.83		
20	QPSK	100	0	15.89	15.92	15.84		
20	16QAM	1	0	15.83	15.87	15.83	16.9	0
20	16QAM	1	49	15.88	15.85	15.94		
20	16QAM	1	99	15.84	15.80	15.86		
20	16QAM	50	0	15.81	15.91	15.84	16.9	0
20	16QAM	50	24	15.84	15.83	15.83		
20	16QAM	50	50	15.89	15.96	15.85		
20	16QAM	100	0	15.86	15.82	15.87		
20	64QAM	1	0	15.89	15.84	15.88	16.9	0
20	64QAM	1	49	15.75	15.83	15.81		
20	64QAM	1	99	15.87	15.91	15.95		
20	64QAM	50	0	15.80	15.76	15.86	16.9	0
20	64QAM	50	24	15.86	15.89	15.87		
20	64QAM	50	50	15.83	15.76	15.78		
20	64QAM	100	0	15.93	15.85	15.88		
20	256QAM	1	0	15.84	15.80	15.83	16.9	0
20	256QAM	1	49	15.86	15.88	15.83		
20	256QAM	1	99	15.82	15.85	15.85		
20	256QAM	50	0	15.91	15.96	15.93	16.9	0
20	256QAM	50	24	15.88	15.86	15.78		
20	256QAM	50	50	15.90	15.89	15.90		
20	256QAM	100	0	15.82	15.78	15.86		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.95	16.02	15.90	16.9	0
15	QPSK	1	37	15.89	15.87	15.87		
15	QPSK	1	74	15.78	15.87	15.84		
15	QPSK	36	0	15.78	15.94	15.90	16.9	0
15	QPSK	36	20	15.74	15.85	15.79		
15	QPSK	36	39	15.71	15.78	15.78		
15	QPSK	75	0	15.90	15.90	15.77		
15	16QAM	1	0	15.76	15.83	15.79	16.9	0
15	16QAM	1	37	15.86	15.81	15.88		
15	16QAM	1	74	15.81	15.73	15.77		
15	16QAM	36	0	15.71	15.83	15.77	16.9	0
15	16QAM	36	20	15.76	15.76	15.76		
15	16QAM	36	39	15.84	15.85	15.77		
15	16QAM	75	0	15.81	15.75	15.84		
15	64QAM	1	0	15.81	15.79	15.77	16.9	0
15	64QAM	1	37	15.73	15.78	15.82		
15	64QAM	1	74	15.82	15.90	15.84		
15	64QAM	36	0	15.74	15.73	15.82	16.9	0
15	64QAM	36	20	15.81	15.89	15.82		
15	64QAM	36	39	15.83	15.70	15.73		
15	64QAM	75	0	15.86	15.77	15.86		
15	256QAM	1	0	15.76	15.74	15.78	16.9	0
15	256QAM	1	37	15.77	15.80	15.78		
15	256QAM	1	74	15.73	15.79	15.79		
15	256QAM	36	0	15.84	15.90	15.90	16.9	0
15	256QAM	36	20	15.85	15.79	15.76		
15	256QAM	36	39	15.80	15.85	15.85		
15	256QAM	75	0	15.73	15.74	15.85		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.93	15.94	15.92	16.9	0
10	QPSK	1	25	15.90	15.91	15.84		
10	QPSK	1	49	15.78	15.91	15.82		
10	QPSK	25	0	15.81	15.96	15.86	16.9	0
10	QPSK	25	12	15.75	15.87	15.78		
10	QPSK	25	25	15.67	15.84	15.78		
10	QPSK	50	0	15.89	15.85	15.79		
10	16QAM	1	0	15.72	15.78	15.80	16.9	0
10	16QAM	1	25	15.79	15.78	15.91		
10	16QAM	1	49	15.80	15.76	15.81		
10	16QAM	25	0	15.76	15.90	15.85	16.9	0
10	16QAM	25	12	15.83	15.80	15.77		
10	16QAM	25	25	15.79	15.95	15.81		
10	16QAM	50	0	15.82	15.79	15.84		
10	64QAM	1	0	15.84	15.84	15.82	16.9	0
10	64QAM	1	25	15.65	15.76	15.72		
10	64QAM	1	49	15.84	15.81	15.88		
10	64QAM	25	0	15.72	15.67	15.79	16.9	0
10	64QAM	25	12	15.82	15.80	15.76		
10	64QAM	25	25	15.77	15.70	15.76		
10	64QAM	50	0	15.88	15.81	15.80		
10	256QAM	1	0	15.77	15.75	15.77	16.9	0
10	256QAM	1	25	15.81	15.81	15.82		
10	256QAM	1	49	15.78	15.78	15.77		
10	256QAM	25	0	15.91	15.91	15.93	16.9	0
10	256QAM	25	12	15.83	15.81	15.75		
10	256QAM	25	25	15.87	15.82	15.80		
10	256QAM	50	0	15.77	15.73	15.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.93	16.03	15.94	16.9	0
5	QPSK	1	12	15.86	15.97	15.82		
5	QPSK	1	24	15.79	15.89	15.80		
5	QPSK	12	0	15.82	15.92	15.84	16.9	0
5	QPSK	12	7	15.81	15.89	15.80		
5	QPSK	12	13	15.68	15.81	15.72		
5	QPSK	25	0	15.87	15.88	15.78		
5	16QAM	1	0	15.75	15.81	15.72	16.9	0
5	16QAM	1	12	15.84	15.76	15.84		
5	16QAM	1	24	15.80	15.77	15.83		
5	16QAM	12	0	15.78	15.86	15.80	16.9	0
5	16QAM	12	7	15.82	15.75	15.81		
5	16QAM	12	13	15.84	15.92	15.80		
5	16QAM	25	0	15.83	15.75	15.84		
5	64QAM	1	0	15.85	15.77	15.86	16.9	0
5	64QAM	1	12	15.68	15.81	15.80		
5	64QAM	1	24	15.77	15.82	15.88		
5	64QAM	12	0	15.78	15.74	15.84	16.9	0
5	64QAM	12	7	15.81	15.87	15.82		
5	64QAM	12	13	15.76	15.65	15.71		
5	64QAM	25	0	15.88	15.77	15.78		
5	256QAM	1	0	15.76	15.74	15.81	16.9	0
5	256QAM	1	12	15.81	15.79	15.79		
5	256QAM	1	24	15.78	15.76	15.79		
5	256QAM	12	0	15.83	15.93	15.88	16.9	0
5	256QAM	12	7	15.86	15.76	15.74		
5	256QAM	12	13	15.85	15.83	15.79		
5	256QAM	25	0	15.72	15.72	15.81		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.86	15.97	15.86	16.9	0
3	QPSK	1	8	15.87	15.92	15.86		
3	QPSK	1	14	15.87	15.91	15.81		
3	QPSK	8	0	15.78	15.96	15.83	16.9	0
3	QPSK	8	4	15.71	15.83	15.77		
3	QPSK	8	7	15.74	15.88	15.77		
3	QPSK	15	0	15.81	15.80	15.85		
3	16QAM	1	0	15.77	15.84	15.77	16.9	0
3	16QAM	1	8	15.84	15.84	15.87		
3	16QAM	1	14	15.75	15.77	15.81		
3	16QAM	8	0	15.74	15.88	15.73	16.9	0
3	16QAM	8	4	15.80	15.75	15.77		
3	16QAM	8	7	15.82	15.95	15.79		
3	16QAM	15	0	15.81	15.81	15.82		
3	64QAM	1	0	15.83	15.78	15.81	16.9	0
3	64QAM	1	8	15.75	15.75	15.73		
3	64QAM	1	14	15.82	15.88	15.87		
3	64QAM	8	0	15.73	15.67	15.76	16.9	0
3	64QAM	8	4	15.81	15.86	15.80		
3	64QAM	8	7	15.78	15.66	15.77		
3	64QAM	15	0	15.88	15.77	15.80		
3	256QAM	1	0	15.73	15.76	15.76	16.9	0
3	256QAM	1	8	15.78	15.80	15.78		
3	256QAM	1	14	15.76	15.77	15.86		
3	256QAM	8	0	15.84	15.87	15.87	16.9	0
3	256QAM	8	4	15.82	15.79	15.75		
3	256QAM	8	7	15.84	15.82	15.84		
3	256QAM	15	0	15.78	15.70	15.82		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.87	15.96	15.97	16.9	0
1.4	QPSK	1	3	15.88	15.90	15.88		
1.4	QPSK	1	5	15.79	15.89	15.85		
1.4	QPSK	3	0	15.80	15.94	15.84		
1.4	QPSK	3	1	15.79	15.92	15.78		
1.4	QPSK	3	3	15.66	15.87	15.78		
1.4	QPSK	6	0	15.79	15.85	15.80	16.9	0
1.4	16QAM	1	0	15.73	15.81	15.80	16.9	0
1.4	16QAM	1	3	15.82	15.76	15.87		
1.4	16QAM	1	5	15.74	15.68	15.83		
1.4	16QAM	3	0	15.72	15.82	15.79		
1.4	16QAM	3	1	15.78	15.72	15.81		
1.4	16QAM	3	3	15.84	15.90	15.81		
1.4	16QAM	6	0	15.81	15.76	15.81	16.9	0
1.4	64QAM	1	0	15.78	15.77	15.83	16.9	0
1.4	64QAM	1	3	15.68	15.81	15.76		
1.4	64QAM	1	5	15.80	15.79	15.86		
1.4	64QAM	3	0	15.75	15.69	15.85		
1.4	64QAM	3	1	15.82	15.87	15.81		
1.4	64QAM	3	3	15.77	15.74	15.73		
1.4	64QAM	6	0	15.89	15.76	15.83	16.9	0
1.4	256QAM	1	0	15.75	15.77	15.75	16.9	0
1.4	256QAM	1	3	15.79	15.83	15.72		
1.4	256QAM	1	5	15.75	15.84	15.81		
1.4	256QAM	3	0	15.81	15.92	15.82		
1.4	256QAM	3	1	15.82	15.87	15.71		
1.4	256QAM	3	3	15.78	15.86	15.87		
1.4	256QAM	6	0	15.78	15.74	15.78	16.9	0

Band 25_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	14.30	14.39	14.27	16	0
20	QPSK	1	49	14.18	14.22	14.05		
20	QPSK	1	99	14.02	14.08	14.03		
20	QPSK	50	0	14.21	14.35	14.15	16	0
20	QPSK	50	24	14.11	14.28	14.04		
20	QPSK	50	50	14.23	14.23	14.03		
20	QPSK	100	0	14.08	14.31	14.03		
20	16QAM	1	0	14.38	14.30	14.10	16	0
20	16QAM	1	49	14.12	14.09	14.07		
20	16QAM	1	99	14.02	14.05	14.08		
20	16QAM	50	0	14.13	14.32	14.07	16	0
20	16QAM	50	24	14.13	14.29	14.11		
20	16QAM	50	50	14.10	14.08	14.04		
20	16QAM	100	0	14.04	14.29	14.09		
20	64QAM	1	0	14.28	14.37	14.16	16	0
20	64QAM	1	49	14.26	14.12	14.01		
20	64QAM	1	99	14.07	14.08	14.04		
20	64QAM	50	0	14.17	14.25	14.07	16	0
20	64QAM	50	24	14.05	14.25	14.02		
20	64QAM	50	50	14.27	14.04	14.00		
20	64QAM	100	0	14.06	14.20	14.06		
20	256QAM	1	0	14.28	14.34	14.22	16	0
20	256QAM	1	49	14.16	14.05	14.02		
20	256QAM	1	99	14.09	14.06	14.09		
20	256QAM	50	0	14.08	14.24	14.10	16	0
20	256QAM	50	24	14.14	14.14	14.02		
20	256QAM	50	50	14.16	14.10	14.03		
20	256QAM	100	0	14.13	14.24	14.01		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.22	14.30	14.27	16	0
15	QPSK	1	37	14.15	14.15	14.09		
15	QPSK	1	74	14.07	14.03	14.08		
15	QPSK	36	0	14.13	14.32	14.08	16	0
15	QPSK	36	20	14.06	14.26	14.09		
15	QPSK	36	39	14.17	14.19	14.04		
15	QPSK	75	0	14.04	14.28	14.02		
15	16QAM	1	0	14.30	14.20	14.08	16	0
15	16QAM	1	37	14.10	14.07	14.09		
15	16QAM	1	74	14.03	14.03	14.04		
15	16QAM	36	0	14.01	14.25	14.09	16	0
15	16QAM	36	20	14.07	14.29	14.03		
15	16QAM	36	39	14.09	14.01	14.03		
15	16QAM	75	0	14.05	14.23	14.08		
15	64QAM	1	0	14.24	14.25	14.08	16	0
15	64QAM	1	37	14.20	14.03	14.07		
15	64QAM	1	74	14.01	14.04	14.02		
15	64QAM	36	0	14.14	14.22	14.03	16	0
15	64QAM	36	20	14.08	14.23	14.09		
15	64QAM	36	39	14.25	14.04	14.03		
15	64QAM	75	0	14.04	14.17	14.03		
15	256QAM	1	0	14.20	14.29	14.18	16	0
15	256QAM	1	37	14.11	14.07	14.07		
15	256QAM	1	74	14.04	14.03	14.07		
15	256QAM	36	0	14.00	14.20	14.02	16	0
15	256QAM	36	20	14.12	14.07	14.03		
15	256QAM	36	39	14.13	14.07	14.08		
15	256QAM	75	0	14.08	14.18	14.06		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.19	14.37	14.20	16	0
10	QPSK	1	25	14.08	14.15	14.04		
10	QPSK	1	49	14.02	14.04	14.09		
10	QPSK	25	0	14.17	14.31	14.12	16	0
10	QPSK	25	12	14.01	14.20	14.06		
10	QPSK	25	25	14.21	14.19	14.04		
10	QPSK	50	0	14.02	14.27	14.03		
10	16QAM	1	0	14.32	14.28	14.04	16	0
10	16QAM	1	25	14.04	14.02	14.08		
10	16QAM	1	49	14.07	14.06	14.04		
10	16QAM	25	0	14.09	14.27	14.01	16	0
10	16QAM	25	12	14.09	14.22	14.08		
10	16QAM	25	25	14.00	14.01	14.00		
10	16QAM	50	0	14.08	14.25	14.02		
10	64QAM	1	0	14.23	14.26	14.12	16	0
10	64QAM	1	25	14.15	14.06	14.08		
10	64QAM	1	49	14.00	14.03	14.09		
10	64QAM	25	0	14.11	14.21	14.06	16	0
10	64QAM	25	12	14.07	14.18	14.05		
10	64QAM	25	25	14.23	14.01	14.02		
10	64QAM	50	0	14.04	14.13	14.01		
10	256QAM	1	0	14.26	14.30	14.20	16	0
10	256QAM	1	25	14.06	14.07	14.08		
10	256QAM	1	49	14.01	14.08	14.05		
10	256QAM	25	0	14.01	14.17	14.09	16	0
10	256QAM	25	12	14.07	14.14	14.07		
10	256QAM	25	25	14.11	14.03	14.03		
10	256QAM	50	0	14.10	14.22	14.04		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.26	14.30	14.22	16	0
5	QPSK	1	12	14.09	14.20	14.01		
5	QPSK	1	24	14.02	14.02	14.05		
5	QPSK	12	0	14.17	14.27	14.12	16	0
5	QPSK	12	7	14.06	14.22	14.05		
5	QPSK	12	13	14.16	14.14	14.05		
5	QPSK	25	0	14.09	14.23	14.02		
5	16QAM	1	0	14.34	14.26	14.07	16	0
5	16QAM	1	12	14.01	14.02	14.00		
5	16QAM	1	24	14.08	14.09	14.03		
5	16QAM	12	0	14.03	14.30	14.09	16	0
5	16QAM	12	7	14.12	14.21	14.06		
5	16QAM	12	13	14.05	14.03	14.02		
5	16QAM	25	0	14.04	14.23	14.03		
5	64QAM	1	0	14.25	14.33	14.15	16	0
5	64QAM	1	12	14.17	14.12	14.02		
5	64QAM	1	24	14.09	14.04	14.02		
5	64QAM	12	0	14.12	14.17	14.08	16	0
5	64QAM	12	7	14.04	14.20	14.02		
5	64QAM	12	13	14.21	14.07	14.04		
5	64QAM	25	0	14.05	14.14	14.06		
5	256QAM	1	0	14.23	14.32	14.17	16	0
5	256QAM	1	12	14.09	14.09	14.00		
5	256QAM	1	24	14.03	14.04	14.09		
5	256QAM	12	0	14.05	14.21	14.05	16	0
5	256QAM	12	7	14.04	14.08	14.08		
5	256QAM	12	13	14.09	14.04	14.07		
5	256QAM	25	0	14.05	14.17	14.05		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.20	14.33	14.20	16	0
3	QPSK	1	8	14.09	14.12	14.05		
3	QPSK	1	14	14.06	14.04	14.02		
3	QPSK	8	0	14.18	14.32	14.10	16	0
3	QPSK	8	4	14.04	14.26	14.00		
3	QPSK	8	7	14.21	14.13	14.06		
3	QPSK	15	0	14.01	14.26	14.03		
3	16QAM	1	0	14.32	14.25	14.04	16	0
3	16QAM	1	8	14.02	14.01	14.02		
3	16QAM	1	14	14.05	14.09	14.03		
3	16QAM	8	0	14.06	14.32	14.03	16	0
3	16QAM	8	4	14.04	14.25	14.09		
3	16QAM	8	7	14.00	14.04	14.03		
3	16QAM	15	0	14.00	14.24	14.02		
3	64QAM	1	0	14.25	14.35	14.12	16	0
3	64QAM	1	8	14.23	14.08	14.07		
3	64QAM	1	14	14.09	14.08	14.04		
3	64QAM	8	0	14.06	14.18	14.00	16	0
3	64QAM	8	4	14.06	14.18	14.09		
3	64QAM	8	7	14.22	14.04	14.08		
3	64QAM	15	0	14.09	14.15	14.02		
3	256QAM	1	0	14.21	14.28	14.13	16	0
3	256QAM	1	8	14.09	14.00	14.07		
3	256QAM	1	14	14.01	14.03	14.02		
3	256QAM	8	0	14.03	14.22	14.07	16	0
3	256QAM	8	4	14.12	14.12	14.02		
3	256QAM	8	7	14.12	14.02	14.08		
3	256QAM	15	0	14.05	14.16	14.04		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.19	14.30	14.27	16	0
1.4	QPSK	1	3	14.09	14.14	14.03		
1.4	QPSK	1	5	14.06	14.02	14.03		
1.4	QPSK	3	0	14.15	14.36	14.12		
1.4	QPSK	3	1	14.04	14.27	14.03		
1.4	QPSK	3	3	14.13	14.15	14.04		
1.4	QPSK	6	0	14.09	14.31	14.06	16	0
1.4	16QAM	1	0	14.31	14.20	14.08	16	0
1.4	16QAM	1	3	14.06	14.05	14.09		
1.4	16QAM	1	5	14.03	14.03	14.02		
1.4	16QAM	3	0	14.06	14.30	14.09		
1.4	16QAM	3	1	14.07	14.27	14.01		
1.4	16QAM	3	3	14.07	14.02	14.09		
1.4	16QAM	6	0	14.07	14.21	14.09	16	0
1.4	64QAM	1	0	14.22	14.35	14.16	16	0
1.4	64QAM	1	3	14.26	14.02	14.02		
1.4	64QAM	1	5	14.05	14.08	14.07		
1.4	64QAM	3	0	14.06	14.24	14.01		
1.4	64QAM	3	1	14.01	14.22	14.06		
1.4	64QAM	3	3	14.20	14.00	14.07		
1.4	64QAM	6	0	14.07	14.13	14.06	16	0
1.4	256QAM	1	0	14.24	14.30	14.16	16	0
1.4	256QAM	1	3	14.09	14.08	14.07		
1.4	256QAM	1	5	14.05	14.02	14.06		
1.4	256QAM	3	0	14.04	14.20	14.07		
1.4	256QAM	3	1	14.06	14.14	14.01		
1.4	256QAM	3	3	14.12	14.02	14.07		
1.4	256QAM	6	0	14.08	14.16	14.09	16	0

Band 26_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.21	21.27	21.25	22.3	0
15	QPSK	1	37	21.10	21.20	21.19		
15	QPSK	1	74	21.09	21.23	21.14		
15	QPSK	36	0	21.11	21.17	21.05	22.3	0
15	QPSK	36	20	21.14	21.04	21.05		
15	QPSK	36	39	21.06	21.13	21.12		
15	QPSK	75	0	21.03	21.13	21.09		
15	16QAM	1	0	21.20	21.19	21.21	22.3	0
15	16QAM	1	37	21.03	21.13	21.18		
15	16QAM	1	74	21.09	21.18	21.10		
15	16QAM	36	0	21.03	21.17	21.01	22	0.3
15	16QAM	36	20	21.01	21.14	21.04		
15	16QAM	36	39	21.04	21.19	21.09		
15	16QAM	75	0	21.14	21.13	20.99		
15	64QAM	1	0	21.20	21.19	21.21	22	0.3
15	64QAM	1	37	21.21	21.25	21.22		
15	64QAM	1	74	21.13	21.15	21.02		
15	64QAM	36	0	19.99	20.17	20.04	21	1.3
15	64QAM	36	20	20.15	20.19	20.06		
15	64QAM	36	39	20.11	20.24	20.06		
15	64QAM	75	0	20.13	20.16	20.09		
15	256QAM	1	0	17.83	18.06	17.90	19	3.3
15	256QAM	1	37	17.83	18.07	17.99		
15	256QAM	1	74	17.98	18.14	18.00		
15	256QAM	36	0	17.92	18.06	17.86	19	3.3
15	256QAM	36	20	17.97	18.01	18.02		
15	256QAM	36	39	17.93	18.07	17.87		
15	256QAM	75	0	18.06	18.03	17.84		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.16	21.21	21.18	22.3	0
10	QPSK	1	25	21.04	21.13	21.14		
10	QPSK	1	49	20.99	21.21	21.05		
10	QPSK	25	0	21.03	21.14	21.04	22.3	0
10	QPSK	25	12	21.12	20.95	20.99		
10	QPSK	25	25	20.94	21.08	21.05		
10	QPSK	50	0	20.95	21.06	21.03		
10	16QAM	1	0	21.11	21.16	21.19	22.3	0
10	16QAM	1	25	20.98	21.12	21.13		
10	16QAM	1	49	21.02	21.18	21.10		
10	16QAM	25	0	20.93	21.17	20.90	22	0.3
10	16QAM	25	12	20.98	21.13	20.98		
10	16QAM	25	25	20.94	21.07	21.06		
10	16QAM	50	0	21.04	21.05	21.00		
10	64QAM	1	0	21.13	21.11	21.19	22	0.3
10	64QAM	1	25	21.15	21.23	21.15		
10	64QAM	1	49	21.06	21.08	21.02		
10	64QAM	25	0	19.95	20.10	20.03	21	1.3
10	64QAM	25	12	20.10	20.13	20.00		
10	64QAM	25	25	20.02	20.25	20.00		
10	64QAM	50	0	20.04	20.08	20.09		
10	256QAM	1	0	17.73	17.97	17.89	19	3.3
10	256QAM	1	25	17.78	18.07	17.95		
10	256QAM	1	49	17.90	18.11	17.93		
10	256QAM	25	0	17.87	17.99	17.82	19	3.3
10	256QAM	25	12	17.96	18.01	17.93		
10	256QAM	25	25	17.83	18.00	17.80		
10	256QAM	50	0	18.03	18.01	17.72		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.14	21.24	21.20	22.3	0
5	QPSK	1	12	21.06	21.15	21.17		
5	QPSK	1	24	21.05	21.20	21.05		
5	QPSK	12	0	21.02	21.08	21.01	22.3	0
5	QPSK	12	7	21.13	20.98	21.01		
5	QPSK	12	13	20.99	21.04	21.06		
5	QPSK	25	0	20.98	21.10	21.03		
5	16QAM	1	0	21.09	21.19	21.12	22.3	0
5	16QAM	1	12	20.97	21.10	21.09		
5	16QAM	1	24	20.99	21.09	21.01		
5	16QAM	12	0	21.01	21.08	20.95	22	0.3
5	16QAM	12	7	20.97	21.08	21.00		
5	16QAM	12	13	20.97	21.12	21.05		
5	16QAM	25	0	21.04	21.02	20.90		
5	64QAM	1	0	21.18	21.13	21.17	22	0.3
5	64QAM	1	12	21.16	21.23	21.17		
5	64QAM	1	24	21.05	21.05	20.99		
5	64QAM	12	0	19.94	20.10	20.00	21	1.3
5	64QAM	12	7	20.10	20.14	20.04		
5	64QAM	12	13	20.06	20.23	20.04		
5	64QAM	25	0	20.02	20.07	20.06		
5	256QAM	1	0	17.75	18.01	17.86	19	3.3
5	256QAM	1	12	17.76	17.95	17.94		
5	256QAM	1	24	17.97	18.11	17.91		
5	256QAM	12	0	17.84	18.01	17.82	19	3.3
5	256QAM	12	7	17.95	17.97	17.94		
5	256QAM	12	13	17.82	18.06	17.84		
5	256QAM	25	0	17.97	17.95	17.83		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.15	21.22	21.14	22.3	0
3	QPSK	1	8	21.06	21.15	21.14		
3	QPSK	1	14	21.05	21.13	21.07		
3	QPSK	8	0	21.05	21.14	21.01	22.3	0
3	QPSK	8	4	21.10	21.03	20.99		
3	QPSK	8	7	20.99	21.13	21.07		
3	QPSK	15	0	21.00	21.02	21.01		
3	16QAM	1	0	21.16	21.09	21.14	22.3	0
3	16QAM	1	8	20.91	21.05	21.13		
3	16QAM	1	14	21.08	21.16	21.02		
3	16QAM	8	0	20.91	21.10	20.99	22	0.3
3	16QAM	8	4	20.98	21.07	21.02		
3	16QAM	8	7	21.01	21.13	20.98		
3	16QAM	15	0	21.09	21.04	20.92		
3	64QAM	1	0	21.18	21.11	21.17	22	0.3
3	64QAM	1	8	21.12	21.18	21.21		
3	64QAM	1	14	21.03	21.15	21.03		
3	64QAM	8	0	19.94	20.10	20.02	21	1.3
3	64QAM	8	4	20.12	20.11	20.06		
3	64QAM	8	7	20.07	20.22	20.03		
3	64QAM	15	0	20.07	20.10	20.02		
3	256QAM	1	0	17.76	18.02	17.88	19	3.3
3	256QAM	1	8	17.84	17.99	17.94		
3	256QAM	1	14	17.93	18.11	18.00		
3	256QAM	8	0	17.84	18.01	17.84	19	3.3
3	256QAM	8	4	17.89	17.90	17.96		
3	256QAM	8	7	17.87	18.01	17.83		
3	256QAM	15	0	18.04	17.99	17.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.21	21.19	21.19	22.3	0
1.4	QPSK	1	3	21.05	21.13	21.16		
1.4	QPSK	1	5	21.04	21.23	21.07		
1.4	QPSK	3	0	21.08	21.11	20.98		
1.4	QPSK	3	1	21.10	20.97	21.02		
1.4	QPSK	3	3	21.00	21.05	21.13		
1.4	QPSK	6	0	20.98	21.05	21.02	22.3	0
1.4	16QAM	1	0	21.11	21.12	21.17	22.3	0
1.4	16QAM	1	3	20.98	21.03	21.08		
1.4	16QAM	1	5	21.06	21.16	21.06		
1.4	16QAM	3	0	20.93	21.12	20.93		
1.4	16QAM	3	1	20.98	21.12	20.99		
1.4	16QAM	3	3	20.95	21.13	21.06		
1.4	16QAM	6	0	21.10	21.13	20.93	22	0.3
1.4	64QAM	1	0	21.13	21.12	21.09	22	0.3
1.4	64QAM	1	3	21.11	21.20	21.19		
1.4	64QAM	1	5	21.03	21.05	21.03		
1.4	64QAM	3	0	19.92	20.12	19.94		
1.4	64QAM	3	1	20.07	20.11	19.99		
1.4	64QAM	3	3	20.07	20.21	20.01		
1.4	64QAM	6	0	20.09	20.16	20.06	21	1.3
1.4	256QAM	1	0	17.76	18.06	17.86	19	3.3
1.4	256QAM	1	3	17.78	18.05	17.90		
1.4	256QAM	1	5	17.89	18.10	17.99		
1.4	256QAM	3	0	17.87	17.99	17.83		
1.4	256QAM	3	1	17.92	17.93	18.00		
1.4	256QAM	3	3	17.89	17.98	17.80		
1.4	256QAM	6	0	18.02	17.98	17.75	19	3.3

Band 26_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.75	20.77	20.72	22	0
15	QPSK	1	37	20.65	20.65	20.63		
15	QPSK	1	74	20.58	20.64	20.56		
15	QPSK	36	0	20.64	20.66	20.58	22	0
15	QPSK	36	20	20.55	20.58	20.57		
15	QPSK	36	39	20.50	20.53	20.47		
15	QPSK	75	0	20.61	20.63	20.55		
15	16QAM	1	0	20.65	20.67	20.70	22	0
15	16QAM	1	37	20.59	20.63	20.64		
15	16QAM	1	74	20.71	20.53	20.69		
15	16QAM	36	0	20.55	20.62	20.54	22	0
15	16QAM	36	20	20.62	20.58	20.56		
15	16QAM	36	39	20.55	20.70	20.66		
15	16QAM	75	0	20.57	20.58	20.56		
15	64QAM	1	0	20.59	20.66	20.65	22	0
15	64QAM	1	37	20.50	20.51	20.65		
15	64QAM	1	74	20.68	20.48	20.55		
15	64QAM	36	0	19.44	19.53	19.51	21	1
15	64QAM	36	20	19.43	19.57	19.44		
15	64QAM	36	39	19.47	19.62	19.64		
15	64QAM	75	0	19.45	19.54	19.49		
15	256QAM	1	0	17.92	17.99	17.92	19	3
15	256QAM	1	37	17.90	18.02	17.90		
15	256QAM	1	74	17.90	18.08	18.05		
15	256QAM	36	0	17.89	18.00	17.90	19	3
15	256QAM	36	20	17.88	17.97	17.96		
15	256QAM	36	39	17.91	18.09	18.01		
15	256QAM	75	0	17.92	17.96	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.71	20.67	20.61	22	0
10	QPSK	1	25	20.64	20.53	20.58		
10	QPSK	1	49	20.55	20.58	20.49		
10	QPSK	25	0	20.58	20.63	20.57	22	0
10	QPSK	25	12	20.48	20.53	20.53		
10	QPSK	25	25	20.40	20.47	20.39		
10	QPSK	50	0	20.50	20.62	20.44		
10	16QAM	1	0	20.61	20.67	20.67	22	0
10	16QAM	1	25	20.53	20.53	20.60		
10	16QAM	1	49	20.69	20.50	20.65		
10	16QAM	25	0	20.47	20.50	20.48	22	0
10	16QAM	25	12	20.58	20.58	20.56		
10	16QAM	25	25	20.49	20.65	20.58		
10	16QAM	50	0	20.53	20.58	20.53		
10	64QAM	1	0	20.47	20.59	20.59	22	0
10	64QAM	1	25	20.45	20.48	20.61		
10	64QAM	1	49	20.63	20.46	20.54		
10	64QAM	25	0	19.40	19.43	19.45	21	1
10	64QAM	25	12	19.41	19.52	19.37		
10	64QAM	25	25	19.48	19.55	19.57		
10	64QAM	50	0	19.38	19.50	19.47		
10	256QAM	1	0	17.87	17.92	17.83	19	3
10	256QAM	1	25	17.90	18.01	17.85		
10	256QAM	1	49	17.84	17.99	18.00		
10	256QAM	25	0	17.86	17.93	17.81	19	3
10	256QAM	25	12	17.84	17.95	17.92		
10	256QAM	25	25	17.84	18.02	17.96		
10	256QAM	50	0	17.81	17.88	17.83		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.65	20.77	20.66	22	0
5	QPSK	1	12	20.57	20.60	20.59		
5	QPSK	1	24	20.53	20.62	20.48		
5	QPSK	12	0	20.57	20.65	20.52	22	0
5	QPSK	12	7	20.55	20.50	20.53		
5	QPSK	12	13	20.47	20.51	20.47		
5	QPSK	25	0	20.53	20.59	20.50		
5	16QAM	1	0	20.61	20.59	20.65	22	0
5	16QAM	1	12	20.53	20.53	20.59		
5	16QAM	1	24	20.68	20.42	20.58		
5	16QAM	12	0	20.48	20.50	20.49	22	0
5	16QAM	12	7	20.58	20.47	20.47		
5	16QAM	12	13	20.48	20.67	20.59		
5	16QAM	25	0	20.49	20.55	20.52		
5	64QAM	1	0	20.58	20.57	20.63	22	0
5	64QAM	1	12	20.43	20.43	20.60		
5	64QAM	1	24	20.61	20.40	20.49		
5	64QAM	12	0	19.36	19.48	19.47	21	1
5	64QAM	12	7	19.37	19.51	19.41		
5	64QAM	12	13	19.44	19.62	19.58		
5	64QAM	25	0	19.35	19.47	19.43		
5	256QAM	1	0	17.84	17.89	17.81	19	3
5	256QAM	1	12	17.86	18.00	17.82		
5	256QAM	1	24	17.84	18.05	17.97		
5	256QAM	12	0	17.80	18.00	17.86	19	3
5	256QAM	12	7	17.81	17.93	17.93		
5	256QAM	12	13	17.83	18.09	17.98		
5	256QAM	25	0	17.85	17.94	17.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.68	20.77	20.65	22	0
3	QPSK	1	8	20.56	20.58	20.59		
3	QPSK	1	14	20.51	20.52	20.54		
3	QPSK	8	0	20.60	20.64	20.51	22	0
3	QPSK	8	4	20.50	20.52	20.56		
3	QPSK	8	7	20.40	20.45	20.39		
3	QPSK	15	0	20.59	20.53	20.49		
3	16QAM	1	0	20.56	20.63	20.67	22	0
3	16QAM	1	8	20.47	20.56	20.60		
3	16QAM	1	14	20.64	20.47	20.62		
3	16QAM	8	0	20.48	20.52	20.48	22	0
3	16QAM	8	4	20.56	20.47	20.46		
3	16QAM	8	7	20.50	20.68	20.57		
3	16QAM	15	0	20.46	20.58	20.50		
3	64QAM	1	0	20.53	20.67	20.63	22	0
3	64QAM	1	8	20.49	20.48	20.59		
3	64QAM	1	14	20.61	20.40	20.51		
3	64QAM	8	0	19.41	19.49	19.42	21	1
3	64QAM	8	4	19.35	19.55	19.45		
3	64QAM	8	7	19.47	19.58	19.54		
3	64QAM	15	0	19.36	19.52	19.41		
3	256QAM	1	0	17.86	17.93	17.85	19	3
3	256QAM	1	8	17.85	17.97	17.84		
3	256QAM	1	14	17.86	18.00	17.96		
3	256QAM	8	0	17.80	18.00	17.84	19	3
3	256QAM	8	4	17.76	17.93	17.92		
3	256QAM	8	7	17.84	18.01	17.89		
3	256QAM	15	0	17.84	17.92	17.72		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.69	20.75	20.68	22	0
1.4	QPSK	1	3	20.62	20.56	20.52		
1.4	QPSK	1	5	20.57	20.55	20.50		
1.4	QPSK	3	0	20.64	20.60	20.47		
1.4	QPSK	3	1	20.50	20.50	20.48		
1.4	QPSK	3	3	20.39	20.50	20.40		
1.4	QPSK	6	0	20.51	20.63	20.50	22	0
1.4	16QAM	1	0	20.60	20.65	20.65	22	0
1.4	16QAM	1	3	20.56	20.58	20.57		
1.4	16QAM	1	5	20.63	20.47	20.64		
1.4	16QAM	3	0	20.49	20.61	20.44		
1.4	16QAM	3	1	20.56	20.53	20.47		
1.4	16QAM	3	3	20.51	20.64	20.56		
1.4	16QAM	6	0	20.51	20.46	20.50	22	0
1.4	64QAM	1	0	20.52	20.62	20.59	22	0
1.4	64QAM	1	3	20.44	20.47	20.59		
1.4	64QAM	1	5	20.65	20.41	20.52		
1.4	64QAM	3	0	19.39	19.47	19.41		
1.4	64QAM	3	1	19.37	19.54	19.37		
1.4	64QAM	3	3	19.46	19.56	19.57		
1.4	64QAM	6	0	19.40	19.46	19.40	21	1
1.4	256QAM	1	0	17.87	17.95	17.89	19	3
1.4	256QAM	1	3	17.80	18.01	17.89		
1.4	256QAM	1	5	17.84	18.03	18.01		
1.4	256QAM	3	0	17.80	18.00	17.84		
1.4	256QAM	3	1	17.89	17.87	17.87		
1.4	256QAM	3	3	17.86	18.04	17.95		
1.4	256QAM	6	0	17.89	17.89	17.78	19	3

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.48		20	0
10	QPSK	1	25		19.40			
10	QPSK	1	49		19.38			
10	QPSK	25	0		19.47		20	0
10	QPSK	25	12		19.38			
10	QPSK	25	25		19.32			
10	QPSK	50	0		19.30			
10	16QAM	1	0		19.33		20	0
10	16QAM	1	25		19.36			
10	16QAM	1	49		19.28			
10	16QAM	25	0		19.31		20	0
10	16QAM	25	12		19.30			
10	16QAM	25	25		19.41			
10	16QAM	50	0		19.36			
10	64QAM	1	0		19.32		20	0
10	64QAM	1	25		19.33			
10	64QAM	1	49		19.45			
10	64QAM	25	0		19.43		20	0
10	64QAM	25	12		19.39			
10	64QAM	25	25		19.29			
10	64QAM	50	0		19.29			
10	256QAM	1	0		18.35		19	1
10	256QAM	1	25		18.29			
10	256QAM	1	49		18.24			
10	256QAM	25	0		18.31		19	1
10	256QAM	25	12		18.31			
10	256QAM	25	25		18.18			
10	256QAM	50	0		18.21			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.30	19.40	19.28	20	0
5	QPSK	1	12	19.34	19.34	19.39		
5	QPSK	1	24	19.33	19.33	19.27		
5	QPSK	12	0	19.20	19.33	19.25	20	0
5	QPSK	12	7	19.24	19.35	19.18		
5	QPSK	12	13	19.16	19.27	19.29		
5	QPSK	25	0	19.22	19.19	19.25		
5	16QAM	1	0	19.27	19.25	19.18	20	0
5	16QAM	1	12	19.22	19.33	19.27		
5	16QAM	1	24	19.20	19.20	19.30		
5	16QAM	12	0	19.31	19.30	19.21	20	0
5	16QAM	12	7	19.21	19.27	19.21		
5	16QAM	12	13	19.18	19.31	19.32		
5	16QAM	25	0	19.25	19.34	19.35		
5	64QAM	1	0	19.22	19.22	19.18	20	0
5	64QAM	1	12	19.22	19.27	19.18		
5	64QAM	1	24	19.23	19.33	19.30		
5	64QAM	12	0	19.26	19.33	19.19	20	0
5	64QAM	12	7	19.15	19.34	19.32		
5	64QAM	12	13	19.19	19.22	19.26		
5	64QAM	25	0	19.28	19.22	19.26		
5	256QAM	1	0	18.18	18.30	18.16	19	1
5	256QAM	1	12	18.07	18.18	18.19		
5	256QAM	1	24	18.08	18.23	18.17		
5	256QAM	12	0	18.14	18.20	18.11	19	1
5	256QAM	12	7	18.22	18.27	18.11		
5	256QAM	12	13	18.05	18.13	18.15		
5	256QAM	25	0	18.18	18.14	18.12		

Band 30_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		13.04		13.5	0
10	QPSK	1	25		12.89			
10	QPSK	1	49		12.99			
10	QPSK	25	0		12.86		13.5	0
10	QPSK	25	12		12.75			
10	QPSK	25	25		12.81			
10	QPSK	50	0		12.82			
10	16QAM	1	0		12.71		13.5	0
10	16QAM	1	25		12.89			
10	16QAM	1	49		12.76			
10	16QAM	25	0		12.93		13.5	0
10	16QAM	25	12		12.73			
10	16QAM	25	25		12.91			
10	16QAM	50	0		12.85			
10	64QAM	1	0		12.81		13.5	0
10	64QAM	1	25		12.68			
10	64QAM	1	49		12.86			
10	64QAM	25	0		12.74		13.5	0
10	64QAM	25	12		12.93			
10	64QAM	25	25		12.77			
10	64QAM	50	0		12.89			
10	256QAM	1	0		12.72		13.5	0
10	256QAM	1	25		12.93			
10	256QAM	1	49		12.69			
10	256QAM	25	0		12.92		13.5	0
10	256QAM	25	12		12.80			
10	256QAM	25	25		12.97			
10	256QAM	50	0		12.82			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	12.89	12.87	13.02	13.5	0
5	QPSK	1	12	12.79	12.86	12.87		
5	QPSK	1	24	12.88	12.85	12.96		
5	QPSK	12	0	12.72	12.73	12.72	13.5	0
5	QPSK	12	7	12.57	12.66	12.67		
5	QPSK	12	13	12.70	12.72	12.78		
5	QPSK	25	0	12.81	12.70	12.69		
5	16QAM	1	0	12.69	12.66	12.58	13.5	0
5	16QAM	1	12	12.72	12.85	12.74		
5	16QAM	1	24	12.75	12.59	12.70		
5	16QAM	12	0	12.80	12.87	12.80	13.5	0
5	16QAM	12	7	12.67	12.56	12.67		
5	16QAM	12	13	12.75	12.83	12.83		
5	16QAM	25	0	12.67	12.73	12.77		
5	64QAM	1	0	12.76	12.66	12.65	13.5	0
5	64QAM	1	12	12.54	12.66	12.61		
5	64QAM	1	24	12.69	12.84	12.84		
5	64QAM	12	0	12.72	12.71	12.65	13.5	0
5	64QAM	12	7	12.80	12.79	12.75		
5	64QAM	12	13	12.69	12.74	12.69		
5	64QAM	25	0	12.87	12.76	12.83		
5	256QAM	1	0	12.59	12.55	12.57	13.5	0
5	256QAM	1	12	12.85	12.87	12.92		
5	256QAM	1	24	12.61	12.66	12.58		
5	256QAM	12	0	12.77	12.88	12.85	13.5	0
5	256QAM	12	7	12.70	12.72	12.78		
5	256QAM	12	13	12.91	12.85	12.87		
5	256QAM	25	0	12.72	12.70	12.74		

Band 66_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1710.7	1745.0	1779.3		
1.4	QPSK	1	0	16.92	16.97	16.93	17	0
1.4	QPSK	1	1	16.92	16.97	16.93		
1.4	QPSK	1	2	16.92	16.97	16.93		
1.4	QPSK	1	3	16.92	16.97	16.93		
1.4	QPSK	1	4	16.92	16.97	16.93		
1.4	QPSK	1	5	16.92	16.97	16.93		
1.4	QPSK	3	0	16.87	16.92	16.83	17	0
1.4	QPSK	3	1	16.87	16.92	16.83		
1.4	QPSK	3	2	16.87	16.92	16.83		
1.4	QPSK	3	3	16.87	16.92	16.83		
1.4	QPSK	6	0	16.92	16.97	16.93	17	0
1.4	16QAM	1	0	16.92	16.97	16.93		
1.4	16QAM	1	1	16.92	16.97	16.93		
1.4	16QAM	1	2	16.92	16.97	16.93		
1.4	16QAM	1	3	16.92	16.97	16.93		
1.4	16QAM	1	4	16.92	16.97	16.93		
1.4	16QAM	1	5	16.92	16.97	16.93		
1.4	16QAM	3	0	16.87	16.92	16.83	17	0
1.4	16QAM	3	1	16.87	16.92	16.83		
1.4	16QAM	3	2	16.87	16.92	16.83		
1.4	16QAM	3	3	16.87	16.92	16.83		
1.4	16QAM	6	0	16.92	16.97	16.93	17	0
Channel				20050	20175	20300		
Frequency [MHz]				1710.7	1745.0	1779.3		
3	QPSK	1	0	16.92	16.97	16.93	17	0
3	QPSK	1	1	16.92	16.97	16.93		
3	QPSK	1	2	16.92	16.97	16.93		
3	QPSK	1	3	16.92	16.97	16.93		
3	QPSK	1	4	16.92	16.97	16.93		
3	QPSK	1	5	16.92	16.97	16.93		
3	QPSK	3	0	16.87	16.92	16.83	17	0
3	QPSK	3	1	16.87	16.92	16.83		
3	QPSK	3	2	16.87	16.92	16.83		
3	QPSK	3	3	16.87	16.92	16.83		
3	QPSK	6	0	16.92	16.97	16.93	17	0
3	16QAM	1	0	16.92	16.97	16.93		
3	16QAM	1	1	16.92	16.97	16.93		
3	16QAM	1	2	16.92	16.97	16.93		
3	16QAM	1	3	16.92	16.97	16.93		
3	16QAM	1	4	16.92	16.97	16.93		
3	16QAM	1	5	16.92	16.97	16.93		
3	16QAM	3	0	16.87	16.92	16.83	17	0
3	16QAM	3	1	16.87	16.92	16.83		
3	16QAM	3	2	16.87	16.92	16.83		
3	16QAM	3	3	16.87	16.92	16.83		
3	16QAM	6	0	16.92	16.97	16.93	17	0
Channel				20075	20175	20275		
Frequency [MHz]				1711.5	1745.0	1778.5		
5	QPSK	1	0	16.92	16.97	16.93	17	0
5	QPSK	1	1	16.92	16.97	16.93		
5	QPSK	1	2	16.92	16.97	16.93		
5	QPSK	1	3	16.92	16.97	16.93		
5	QPSK	1	4	16.92	16.97	16.93		
5	QPSK	1	5	16.92	16.97	16.93		
5	QPSK	3	0	16.87	16.92	16.83	17	0
5	QPSK	3	1	16.87	16.92	16.83		
5	QPSK	3	2	16.87	16.92	16.83		
5	QPSK	3	3	16.87	16.92	16.83		
5	QPSK	6	0	16.92	16.97	16.93	17	0
5	16QAM	1	0	16.92	16.97	16.93		
5	16QAM	1	1	16.92	16.97	16.93		
5	16QAM	1	2	16.92	16.97	16.93		
5	16QAM	1	3	16.92	16.97	16.93		
5	16QAM	1	4	16.92	16.97	16.93		
5	16QAM	1	5	16.92	16.97	16.93		
5	16QAM	3	0	16.87	16.92	16.83	17	0
5	16QAM	3	1	16.87	16.92	16.83		
5	16QAM	3	2	16.87	16.92	16.83		
5	16QAM	3	3	16.87	16.92	16.83		
5	16QAM	6	0	16.92	16.97	16.93	17	0
Channel				20100	20175	20250		
Frequency [MHz]				1712.5	1745.0	1777.5		
10	QPSK	1	0	16.92	16.97	16.93	17	0
10	QPSK	1	1	16.92	16.97	16.93		
10	QPSK	1	2	16.92	16.97	16.93		
10	QPSK	1	3	16.92	16.97	16.93		
10	QPSK	1	4	16.92	16.97	16.93		
10	QPSK	1	5	16.92	16.97	16.93		
10	QPSK	3	0	16.87	16.92	16.83	17	0
10	QPSK	3	1	16.87	16.92	16.83		
10	QPSK	3	2	16.87	16.92	16.83		
10	QPSK	3	3	16.87	16.92	16.83		
10	QPSK	6	0	16.92	16.97	16.93	17	0
10	16QAM	1	0	16.92	16.97	16.93		
10	16QAM	1	1	16.92	16.97	16.93		
10	16QAM	1	2	16.92	16.97	16.93		
10	16QAM	1	3	16.92	16.97	16.93		
10	16QAM	1	4	16.92	16.97	16.93		
10	16QAM	1	5	16.92	16.97	16.93		
10	16QAM	3	0	16.87	16.92	16.83	17	0
10	16QAM	3	1	16.87	16.92	16.83		
10	16QAM	3	2	16.87	16.92	16.83		
10	16QAM	3	3	16.87	16.92	16.83		
10	16QAM	6	0	16.92	16.97	16.93	17	0
Channel				20175	20175	20175		
Frequency [MHz]				1715.0	1745.0	1775.0		
15	QPSK	1	0	16.92	16.97	16.93	17	0
15	QPSK	1	1	16.92	16.97	16.93		
15	QPSK	1	2	16.92	16.97	16.93		
15	QPSK	1	3	16.92	16.97	16.93		
15	QPSK	1	4	16.92	16.97	16.93		
15	QPSK	1	5	16.92	16.97	16.93		
15	QPSK	3	0	16.87	16.92	16.83	17	0
15	QPSK	3	1	16.87	16.92	16.83		
15	QPSK	3	2	16.87	16.92	16.83		
15	QPSK	3	3	16.87	16.92	16.83		
15	QPSK	6	0	16.92	16.97	16.93	17	0
15	16QAM	1	0	16.92	16.97	16.93		
15	16QAM	1	1	16.92	16.97	16.93		
15	16QAM	1	2	16.92	16.97	16.93		
15	16QAM	1	3	16.92	16.97	16.93		
15	16QAM	1	4	16.92	16.97	16.93		
15	16QAM	1	5	16.92	16.97	16.93		
15	16QAM	3	0	16.87	16.92	16.83	17	0
15	16QAM	3	1	16.87	16.92	16.83		
15	16QAM	3	2	16.87	16.92	16.83		
15	16QAM	3	3	16.87	16.92	16.83		
15	16QAM	6	0	16.92	16.97	16.93	17	0
Channel				20250	20175	20100		
Frequency [MHz]				1717.5	1745.0	1772.5		
20	QPSK	1	0	16.92	16.97	16.93	17	0
20	QPSK	1	1	16.92	16.97	16.93		
20	QPSK	1	2	16.92	16.97	16.93		
20	QPSK	1	3	16.92	16.97	16.93		
20	QPSK	1	4	16.92	16.97	16.93		
20	QPSK	1	5	16.92	16.97	16.93		
20	QPSK	3	0	16.87	16.92	16.83	17	0
20	QPSK	3	1	16.87	16.92	16.83		
20	QPSK	3	2	16.87	16.92	16.83		
20	QPSK	3	3	16.87	16.92	16.83		
20	QPSK	6	0	16.92	16.97	16.93	17	0
20	16QAM	1	0	16.92	16.97	16.93		
20	16QAM	1	1	16.92	16.97	16.93		
20	16QAM	1	2	16.92	16.97	16.93		
20	16QAM	1	3	16.92	16.97	16.93		
20	16QAM	1	4	16.92	16.97	16.93		
20	16QAM	1	5	16.92	16.97	16.93		
20	16QAM	3	0	16.87	16.92	16.83	17	0
20	16QAM	3	1	16.87	16.92	16.83		
20	16QAM	3	2	16.87	16.92	16.83		
20	16QAM	3	3	16.87	16.92	16.83		
20	16QAM	6	0	16.92	16.97	16.93	17	0

Band 66_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1710.7	1745.0	1779.3		
1.4	QPSK	1	0	16.42	16.47	16.43	19.5	0
1.4	QPSK	1	1	16.42	16.47	16.43		
1.4	QPSK	1	2	16.42	16.47	16.43		
1.4	QPSK	1	3	16.42	16.47	16.43		
1.4	QPSK	1	4	16.42	16.47	16.43		
1.4	QPSK	1	5	16.42	16.47	16.43		
1.4	QPSK	3	0	16.37	16.42	16.33	19.5	0
1.4	QPSK	3	1	16.37	16.42	16.33		
1.4	QPSK	3	2	16.37	16.42	16.33		
1.4	QPSK	3	3	16.37	16.42	16.33		
1.4	QPSK	6	0	16.42	16.47	16.43	19.5	0
1.4	16QAM	1	0	16.42	16.47	16.43		
1.4	16QAM	1	1	16.42	16.47	16.43		
1.4	16QAM	1	2	16.42	16.47	16.43		
1.4	16QAM	1	3	16.42	16.47	16.43		
1.4	16QAM	1	4	16.42	16.47	16.43		
1.4	16QAM	1	5	16.42	16.47	16.43		
1.4	16QAM	3	0	16.37	16.42	16.33	19.5	0
1.4	16QAM	3	1	16.37	16.42	16.33		
1.4	16QAM	3	2	16.37	16.42	16.33		
1.4	16QAM	3	3	16.37	16.42	16.33		
1.4	16QAM	6	0	16.42	16.47	16.43	19.5	0
Channel				20050	20175	20300		
Frequency [MHz]				1710.7	1745.0	1779.3		
3	QPSK	1	0	16.42	16.47	16.43	19.5	0
3	QPSK	1	1	16.42	16.47	16.43		
3	QPSK	1	2	16.42	16.47	16.43		
3	QPSK	1	3	16.42	16.47	16.43		
3	QPSK	1	4	16.42	16.47	16.43		
3	QPSK	1	5	16.42	16.47	16.43		
3	QPSK	3	0	16.37	16.42	16.33	19.5	0
3	QPSK	3	1	16.37	16.42	16.33		
3	QPSK	3	2	16.37	16.42	16.33		
3	QPSK	3	3	16.37	16.42	16.33		
3	QPSK	6	0	16.42	16.47	16.43	19.5	0
3	16QAM	1	0	16.42	16.47	16.43		
3	16QAM	1	1	16.42	16.47	16.43		
3	16QAM	1	2	16.42	16.47	16.43		
3	16QAM	1	3	16.42	16.47	16.43		
3	16QAM	1	4	16.42	16.47	16.43		
3	16QAM	1	5	16.42	16.47	16.43		
3	16QAM	3	0	16.37	16.42	16.33	19.5	0
3	16QAM	3	1	16.37	16.42	16.33		
3	16QAM	3	2	16.37	16.42	16.33		
3	16QAM	3	3	16.37	16.42	16.33		
3	16QAM	6	0	16.42	16.47	16.43	19.5	0
Channel				20075	20175	20275		
Frequency [MHz]				1711.5	1745.0	1778.5		
5	QPSK	1	0	16.42	16.47	16.43	19.5	0
5	QPSK	1	1	16.42	16.47	16.43		
5	QPSK	1	2	16.42	16.47	16.43		
5	QPSK	1	3	16.42	16.47	16.43		
5	QPSK	1	4	16.42	16.47	16.43		
5	QPSK	1	5	16.42	16.47	16.43		
5	QPSK	3	0	16.37	16.42	16.33	19.5	0
5	QPSK	3	1	16.37	16.42	16.33		
5	QPSK	3	2	16.37	16.42	16.33		
5	QPSK	3	3	16.37	16.42	16.33		
5	QPSK	6	0	16.42	16.47	16.43	19.5	0
5	16QAM	1	0	16.42	16.47	16.43		
5	16QAM	1	1	16.42	16.47	16.43		
5	16QAM	1	2	16.42	16.47	16.43		
5	16QAM	1	3	16.42	16.47	16.43		
5	16QAM	1	4	16.42	16.47	16.43		
5	16QAM	1	5	16.42	16.47	16.43		
5	16QAM	3	0	16.37	16.42	16.33	19.5	0
5	16QAM	3	1	16.37	16.42	16.33		
5	16QAM	3	2	16.37	16.42	16.33		
5	16QAM	3	3	16.37	16.42	16.33		
5	16QAM	6	0	16.42	16.47	16.43	19.5	0
Channel				20100	20175	20250		
Frequency [MHz]				1712.5	1745.0	1777.5		
10	QPSK	1	0	16.42	16.47	16.43	19.5	0
10	QPSK	1	1	16.42	16.47	16.43		
10	QPSK	1	2	16.42	16.47	16.43		
10	QPSK	1	3	16.42	16.47	16.43		
10	QPSK	1	4	16.42	16.47	16.43		
10	QPSK	1	5	16.42	16.47	16.43		
10	QPSK	3	0	16.37	16.42	16.33	19.5	0
10	QPSK	3	1	16.37	16.42	16.33		
10	QPSK	3	2	16.37	16.42	16.33		
10	QPSK	3	3	16.37	16.42	16.33		
10	QPSK	6	0	16.42	16.47	16.43	19.5	0
10	16QAM	1	0	16.42	16.47	16.43		
10	16QAM	1	1	16.42	16.47	16.43		
10	16QAM	1	2	16.42	16.47	16.43		
10	16QAM	1	3	16.42	16.47	16.43		
10	16QAM	1	4	16.42	16.47	16.43		
10	16QAM	1	5	16.42	16.47	16.43		
10	16QAM	3	0	16.37	16.42	16.33	19.5	0
10	16QAM	3	1	16.37	16.42	16.33		
10	16QAM	3	2	16.37	16.42	16.33		
10	16QAM	3	3	16.37	16.42	16.33		
10	16QAM	6	0	16.42	16.47	16.43	19.5	0
Channel				20175	20175	20175		
Frequency [MHz]				1715.0	1745.0	1775.0		
15	QPSK	1	0	16.42	16.47	16.43	19	0.5
15	QPSK	1	1	16.42	16.47	16.43		
15	QPSK	1	2	16.42	16.47	16.43		
15	QPSK	1	3	16.42	16.47	16.43		
15	QPSK	1	4	16.42	16.47	16.43		
15	QPSK	1	5	16.42	16.47	16.43		
15	QPSK	3	0	16.37	16.42	16.33	19	0.5
15	QPSK	3	1	16.37	16.42	16.33		
15	QPSK	3	2	16.37	16.42	16.33		
15	QPSK	3	3	16.37	16.42	16.33		
15	QPSK	6	0	16.42	16.47	16.43	19	0.5
15	16QAM	1	0	16.42	16.47	16.43		
15	16QAM	1	1	16.42	16.47	16.43		
15	16QAM	1	2	16.42	16.47	16.43		
15	16QAM	1	3	16.42	16.47	16.43		
15	16QAM	1	4	16.42	16.47	16.43		
15	16QAM	1	5	16.42	16.47	16.43		
15	16QAM	3	0	16.37	16.42	16.33	19	0.5
15	16QAM	3	1	16.37	16.42	16.33		
15	16QAM	3	2	16.37	16.42	16.33		
15	16QAM	3	3	16.37	16.42	16.33		
15	16QAM	6	0	16.42	16.47	16.43	19	0.5
Channel				20250	20175	20100		
Frequency [MHz]				1717.5	1745.0	1772.5		
20	QPSK	1	0	16.42	16.47	16.43	19	0.5
20	QPSK	1	1	16.42	16.47	16.43		
20	QPSK	1	2	16.42	16.47	16.43		
20	QPSK	1	3	16.42	16.47	16.43		
20	QPSK	1	4	16.42	16.47	16.43		
20	QPSK	1	5	16.42	16.47	16.43		
20	QPSK	3	0	16.37	16.42	16.33	19	0.5
20	QPSK	3	1	16.37	16.42	16.33		
20	QPSK	3	2	16.37	16.42	16.33		
20	QPSK	3	3	16.37	16.42	16.33		
20	QPSK	6	0	16.42	16.47	16.43	19	0.5
20	16QAM	1	0	16.42	16.47	16.43		
20	16QAM	1	1	16.42	16.47	16.43		
20	16QAM	1	2	16.42	16.47	16.43		
20	16QAM	1	3	16.42	16.47	16.43		
20	16QAM	1	4	16.42	16.47	16.43		
20	16QAM	1	5	16.42	16.47	16.43		
20	16QAM	3	0	16.37	16.42	16.33	19	0.5
20	16QAM	3	1	16.37	16.42	16.33		
20	16QAM	3	2	16.37	16.42	16.33		
20	16QAM	3	3	16.37	16.42	16.33		
20	16QAM	6	0	16.42	16.47	16.43	19	0.5

Band 71_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				663.5	664.0	664.5		
1.4	QPSK	1	0	22.75	22.80	22.85	23	0
1.4	QPSK	1	1	22.75	22.80	22.85		
1.4	QPSK	1	2	22.75	22.80	22.85		
1.4	QPSK	1	3	22.75	22.80	22.85		
1.4	QPSK	1	4	22.75	22.80	22.85		
1.4	QPSK	1	5	22.75	22.80	22.85		
1.4	QPSK	3	0	22.70	22.75	22.80	22	1
1.4	QPSK	3	1	22.70	22.75	22.80		
1.4	QPSK	3	2	22.70	22.75	22.80		
1.4	QPSK	3	3	22.70	22.75	22.80		
1.4	QPSK	6	0	22.75	22.80	22.85	22	1
1.4	16QAM	1	0	22.75	22.80	22.85		
1.4	16QAM	1	1	22.75	22.80	22.85		
1.4	16QAM	1	2	22.75	22.80	22.85		
1.4	16QAM	1	3	22.75	22.80	22.85		
1.4	16QAM	1	4	22.75	22.80	22.85		
1.4	16QAM	1	5	22.75	22.80	22.85		
1.4	16QAM	3	0	22.70	22.75	22.80	21	2
1.4	16QAM	3	1	22.70	22.75	22.80		
1.4	16QAM	3	2	22.70	22.75	22.80		
1.4	16QAM	3	3	22.70	22.75	22.80		
1.4	16QAM	6	0	22.75	22.80	22.85	21	2
Channel				20051	20175	20299		
Frequency [MHz]				663.5	664.0	664.5		
3	QPSK	1	0	22.75	22.80	22.85	23	0
3	QPSK	1	1	22.75	22.80	22.85		
3	QPSK	1	2	22.75	22.80	22.85		
3	QPSK	1	3	22.75	22.80	22.85		
3	QPSK	1	4	22.75	22.80	22.85		
3	QPSK	1	5	22.75	22.80	22.85		
3	QPSK	3	0	22.70	22.75	22.80	22	1
3	QPSK	3	1	22.70	22.75	22.80		
3	QPSK	3	2	22.70	22.75	22.80		
3	QPSK	3	3	22.70	22.75	22.80		
3	QPSK	6	0	22.75	22.80	22.85	22	1
3	16QAM	1	0	22.75	22.80	22.85		
3	16QAM	1	1	22.75	22.80	22.85		
3	16QAM	1	2	22.75	22.80	22.85		
3	16QAM	1	3	22.75	22.80	22.85		
3	16QAM	1	4	22.75	22.80	22.85		
3	16QAM	1	5	22.75	22.80	22.85		
3	16QAM	3	0	22.70	22.75	22.80	21	2
3	16QAM	3	1	22.70	22.75	22.80		
3	16QAM	3	2	22.70	22.75	22.80		
3	16QAM	3	3	22.70	22.75	22.80		
3	16QAM	6	0	22.75	22.80	22.85	21	2
Channel				20077	20175	20273		
Frequency [MHz]				664.5	665.0	665.5		
5	QPSK	1	0	22.75	22.80	22.85	23	0
5	QPSK	1	1	22.75	22.80	22.85		
5	QPSK	1	2	22.75	22.80	22.85		
5	QPSK	1	3	22.75	22.80	22.85		
5	QPSK	1	4	22.75	22.80	22.85		
5	QPSK	1	5	22.75	22.80	22.85		
5	QPSK	3	0	22.70	22.75	22.80	22	1
5	QPSK	3	1	22.70	22.75	22.80		
5	QPSK	3	2	22.70	22.75	22.80		
5	QPSK	3	3	22.70	22.75	22.80		
5	QPSK	6	0	22.75	22.80	22.85	22	1
5	16QAM	1	0	22.75	22.80	22.85		
5	16QAM	1	1	22.75	22.80	22.85		
5	16QAM	1	2	22.75	22.80	22.85		
5	16QAM	1	3	22.75	22.80	22.85		
5	16QAM	1	4	22.75	22.80	22.85		
5	16QAM	1	5	22.75	22.80	22.85		
5	16QAM	3	0	22.70	22.75	22.80	21	2
5	16QAM	3	1	22.70	22.75	22.80		
5	16QAM	3	2	22.70	22.75	22.80		
5	16QAM	3	3	22.70	22.75	22.80		
5	16QAM	6	0	22.75	22.80	22.85	21	2
Channel				20102	20175	20248		
Frequency [MHz]				665.5	666.0	666.5		
10	QPSK	1	0	22.75	22.80	22.85	23	0
10	QPSK	1	1	22.75	22.80	22.85		
10	QPSK	1	2	22.75	22.80	22.85		
10	QPSK	1	3	22.75	22.80	22.85		
10	QPSK	1	4	22.75	22.80	22.85		
10	QPSK	1	5	22.75	22.80	22.85		
10	QPSK	3	0	22.70	22.75	22.80	22	1
10	QPSK	3	1	22.70	22.75	22.80		
10	QPSK	3	2	22.70	22.75	22.80		
10	QPSK	3	3	22.70	22.75	22.80		
10	QPSK	6	0	22.75	22.80	22.85	22	1
10	16QAM	1	0	22.75	22.80	22.85		
10	16QAM	1	1	22.75	22.80	22.85		
10	16QAM	1	2	22.75	22.80	22.85		
10	16QAM	1	3	22.75	22.80	22.85		
10	16QAM	1	4	22.75	22.80	22.85		
10	16QAM	1	5	22.75	22.80	22.85		
10	16QAM	3	0	22.70	22.75	22.80	21	2
10	16QAM	3	1	22.70	22.75	22.80		
10	16QAM	3	2	22.70	22.75	22.80		
10	16QAM	3	3	22.70	22.75	22.80		
10	16QAM	6	0	22.75	22.80	22.85	21	2
Channel				20175	20175	20175		
Frequency [MHz]				668.0	668.0	668.0		
15	QPSK	1	0	22.75	22.80	22.85	23	0
15	QPSK	1	1	22.75	22.80	22.85		
15	QPSK	1	2	22.75	22.

Band 38_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2560	2595	2630		
20	QPSK	1	0	17.75	17.67	17.72	19.1	0
20	QPSK	1	49	17.71	17.57	17.71		
20	QPSK	1	99	17.68	17.60	17.64		
20	QPSK	50	0	17.73	17.61	17.72	19.1	0
20	QPSK	50	24	17.71	17.66	17.65		
20	QPSK	50	50	17.65	17.57	17.66		
20	QPSK	100	0	17.67	17.56	17.64		
20	16QAM	1	0	17.64	17.50	17.64	19.1	0
20	16QAM	1	49	17.60	17.49	17.60		
20	16QAM	1	99	17.64	17.54	17.61		
20	16QAM	50	0	17.67	17.56	17.53	19.1	0
20	16QAM	50	24	17.63	17.46	17.60		
20	16QAM	50	50	17.63	17.65	17.70		
20	16QAM	100	0	17.63	17.50	17.69		
20	64QAM	1	0	17.74	17.55	17.68	19.1	0
20	64QAM	1	49	17.69	17.56	17.64		
20	64QAM	1	99	17.69	17.52	17.61		
20	64QAM	50	0	17.58	17.50	17.52	19.1	0
20	64QAM	50	24	17.57	17.49	17.62		
20	64QAM	50	50	17.63	17.65	17.64		
20	64QAM	100	0	17.71	17.46	17.59		
20	256QAM	1	0	17.58	17.52	17.64	19	0.1
20	256QAM	1	49	17.75	17.57	17.60		
20	256QAM	1	99	17.66	17.63	17.71		
20	256QAM	50	0	17.54	17.58	17.64	19	0.1
20	256QAM	50	24	17.78	17.61	17.70		
20	256QAM	50	50	17.69	17.72	17.72		
20	256QAM	100	0	17.63	17.67	17.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.73	17.68	17.72	19.1	0
15	QPSK	1	37	17.66	17.51	17.70		
15	QPSK	1	74	17.58	17.57	17.61		
15	QPSK	36	0	17.68	17.49	17.69	19.1	0
15	QPSK	36	20	17.69	17.59	17.55		
15	QPSK	36	39	17.58	17.52	17.64		
15	QPSK	75	0	17.64	17.47	17.55		
15	16QAM	1	0	17.55	17.51	17.61	19.1	0
15	16QAM	1	37	17.55	17.43	17.53		
15	16QAM	1	74	17.61	17.53	17.57		
15	16QAM	36	0	17.66	17.55	17.51	19.1	0
15	16QAM	36	20	17.59	17.36	17.54		
15	16QAM	36	39	17.59	17.59	17.66		
15	16QAM	75	0	17.54	17.47	17.63		
15	64QAM	1	0	17.69	17.54	17.64	19.1	0
15	64QAM	1	37	17.68	17.49	17.53		
15	64QAM	1	74	17.54	17.51	17.54		
15	64QAM	36	0	17.55	17.45	17.45	19.1	0
15	64QAM	36	20	17.54	17.45	17.55		
15	64QAM	36	39	17.57	17.54	17.59		
15	64QAM	75	0	17.70	17.40	17.57		
15	256QAM	1	0	17.53	17.46	17.59	19	0.1
15	256QAM	1	37	17.70	17.52	17.54		
15	256QAM	1	74	17.63	17.59	17.61		
15	256QAM	36	0	17.47	17.56	17.57	19	0.1
15	256QAM	36	20	17.71	17.54	17.68		
15	256QAM	36	39	17.65	17.66	17.65		
15	256QAM	75	0	17.59	17.60	17.57		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.74	17.60	17.62	19.1	0
10	QPSK	1	25	17.68	17.57	17.62		
10	QPSK	1	49	17.65	17.55	17.58		
10	QPSK	25	0	17.69	17.54	17.62	19.1	0
10	QPSK	25	12	17.66	17.61	17.64		
10	QPSK	25	25	17.66	17.54	17.62		
10	QPSK	50	0	17.57	17.46	17.55		
10	16QAM	1	0	17.54	17.49	17.59	19.1	0
10	16QAM	1	25	17.54	17.40	17.54		
10	16QAM	1	49	17.64	17.45	17.56		
10	16QAM	25	0	17.57	17.49	17.45	19.1	0
10	16QAM	25	12	17.59	17.43	17.50		
10	16QAM	25	25	17.55	17.55	17.64		
10	16QAM	50	0	17.54	17.46	17.64		
10	64QAM	1	0	17.72	17.49	17.63	19.1	0
10	64QAM	1	25	17.58	17.56	17.55		
10	64QAM	1	49	17.61	17.45	17.58		
10	64QAM	25	0	17.56	17.46	17.41	19.1	0
10	64QAM	25	12	17.51	17.48	17.61		
10	64QAM	25	25	17.58	17.56	17.60		
10	64QAM	50	0	17.63	17.43	17.47		
10	256QAM	1	0	17.57	17.51	17.63	19	0.1
10	256QAM	1	25	17.67	17.52	17.54		
10	256QAM	1	49	17.61	17.52	17.64		
10	256QAM	25	0	17.46	17.48	17.57	19	0.1
10	256QAM	25	12	17.70	17.60	17.66		
10	256QAM	25	25	17.61	17.67	17.67		
10	256QAM	50	0	17.63	17.62	17.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.74	17.62	17.66	19.1	0
5	QPSK	1	12	17.70	17.52	17.65		
5	QPSK	1	24	17.65	17.52	17.54		
5	QPSK	12	0	17.62	17.57	17.68	19.1	0
5	QPSK	12	7	17.64	17.65	17.61		
5	QPSK	12	13	17.61	17.51	17.59		
5	QPSK	25	0	17.60	17.54	17.62		
5	16QAM	1	0	17.57	17.50	17.55	19.1	0
5	16QAM	1	12	17.49	17.46	17.58		
5	16QAM	1	24	17.56	17.48	17.56		
5	16QAM	12	0	17.59	17.53	17.41	19.1	0
5	16QAM	12	7	17.56	17.41	17.49		
5	16QAM	12	13	17.59	17.53	17.60		
5	16QAM	25	0	17.57	17.45	17.60		
5	64QAM	1	0	17.64	17.45	17.64	19.1	0
5	64QAM	1	12	17.61	17.53	17.63		
5	64QAM	1	24	17.54	17.47	17.57		
5	64QAM	12	0	17.56	17.44	17.51	19.1	0
5	64QAM	12	7	17.48	17.46	17.57		
5	64QAM	12	13	17.58	17.56	17.54		
5	64QAM	25	0	17.63	17.38	17.53		
5	256QAM	1	0	17.53	17.52	17.58	19	0.1
5	256QAM	1	12	17.70	17.54	17.56		
5	256QAM	1	24	17.64	17.53	17.69		
5	256QAM	12	0	17.49	17.48	17.60	19	0.1
5	256QAM	12	7	17.73	17.57	17.64		
5	256QAM	12	13	17.64	17.69	17.68		
5	256QAM	25	0	17.54	17.67	17.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.61	17.63	17.71	17.73	17.91	19.1	0
20	QPSK	1	49	17.53	17.58	17.54	17.58	17.60		
20	QPSK	1	99	17.66	17.71	17.72	17.85	17.88		
20	QPSK	50	0	17.68	17.75	17.74	17.79	17.89	19.1	0
20	QPSK	50	24	17.52	17.51	17.58	17.50	17.51		
20	QPSK	50	50	17.56	17.55	17.56	17.55	17.60		
20	QPSK	100	0	17.78	17.86	17.84	17.83	17.91		
20	16QAM	1	0	17.73	17.80	17.86	17.93	18.02	19.1	0
20	16QAM	1	49	17.51	17.56	17.51	17.54	17.54		
20	16QAM	1	99	17.80	17.85	17.93	17.98	18.02		
20	16QAM	50	0	17.71	17.79	17.79	17.86	17.92	19.1	0
20	16QAM	50	24	17.58	17.53	17.49	17.60	17.53		
20	16QAM	50	50	17.53	17.52	17.57	17.52	17.61		
20	16QAM	100	0	17.83	17.94	17.88	17.84	17.94		
20	64QAM	1	0	17.40	17.46	17.51	17.58	17.68	19.1	0
20	64QAM	1	49	17.60	17.54	17.57	17.54	17.57		
20	64QAM	1	99	17.46	17.53	17.60	17.64	17.72		
20	64QAM	50	0	17.24	17.32	17.29	17.34	17.47	19.1	0
20	64QAM	50	24	17.56	17.51	17.52	17.52	17.60		
20	64QAM	50	50	17.49	17.62	17.50	17.56	17.59		
20	64QAM	100	0	17.35	17.41	17.36	17.35	17.44		
20	256QAM	1	0	17.67	17.70	17.71	17.66	17.55	19	0.1
20	256QAM	1	49	17.37	17.41	17.44	17.32	17.31		
20	256QAM	1	99	17.44	17.41	17.41	17.34	17.47		
20	256QAM	50	0	17.73	17.77	17.82	17.71	17.77	19	0.1
20	256QAM	50	24	17.67	17.81	17.80	17.83	17.69		
20	256QAM	50	50	17.68	17.81	17.81	17.74	17.68		
20	256QAM	100	0	17.70	17.74	17.85	17.65	17.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.59	17.52	17.64	17.69	17.86	19.10	0
15	QPSK	1	37	17.48	17.53	17.52	17.54	17.59		
15	QPSK	1	74	17.59	17.64	17.61	17.74	17.79		
15	QPSK	36	0	17.58	17.69	17.63	17.76	17.83	19.1	0
15	QPSK	36	20	17.43	17.49	17.54	17.42	17.40		
15	QPSK	36	39	17.48	17.51	17.46	17.54	17.58		
15	QPSK	75	0	17.71	17.81	17.81	17.81	17.86		
15	16QAM	1	0	17.63	17.79	17.75	17.91	17.91	19.1	0
15	16QAM	1	37	17.50	17.54	17.39	17.47	17.49		
15	16QAM	1	74	17.78	17.75	17.88	17.90	17.96		
15	16QAM	36	0	17.62	17.72	17.77	17.82	17.91	19.1	0
15	16QAM	36	20	17.50	17.45	17.48	17.50	17.45		
15	16QAM	36	39	17.43	17.43	17.49	17.41	17.51		
15	16QAM	75	0	17.71	17.85	17.80	17.77	17.91		
15	64QAM	1	0	17.29	17.37	17.49	17.55	17.60	19.1	0
15	64QAM	1	37	17.51	17.53	17.53	17.52	17.51		
15	64QAM	1	74	17.45	17.50	17.51	17.55	17.68		
15	64QAM	36	0	17.21	17.26	17.21	17.26	17.42	19.1	0
15	64QAM	36	20	17.48	17.43	17.48	17.47	17.59		
15	64QAM	36	39	17.47	17.55	17.46	17.49	17.47		
15	64QAM	75	0	17.31	17.39	17.32	17.32	17.33		
15	256QAM	1	0	17.60	17.65	17.70	17.57	17.50	19	0.1
15	256QAM	1	37	17.25	17.38	17.35	17.27	17.23		
15	256QAM	1	74	17.34	17.32	17.37	17.31	17.41		
15	256QAM	36	0	17.70	17.67	17.76	17.70	17.73	19	0.1
15	256QAM	36	20	17.62	17.74	17.77	17.71	17.60		
15	256QAM	36	39	17.56	17.71	17.80	17.64	17.59		
15	256QAM	75	0	17.58	17.71	17.81	17.60	17.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.59	17.54	17.61	17.69	17.79	19.10	0
10	QPSK	1	25	17.46	17.57	17.49	17.46	17.53		
10	QPSK	1	49	17.56	17.69	17.66	17.79	17.77		
10	QPSK	25	0	17.66	17.65	17.63	17.75	17.86	19.1	0
10	QPSK	25	12	17.44	17.50	17.47	17.49	17.42		
10	QPSK	25	25	17.55	17.46	17.47	17.53	17.55		
10	QPSK	50	0	17.76	17.85	17.73	17.75	17.87		
10	16QAM	1	0	17.66	17.78	17.80	17.81	17.92	19.1	0
10	16QAM	1	25	17.49	17.44	17.41	17.44	17.47		
10	16QAM	1	49	17.70	17.83	17.82	17.89	17.91		
10	16QAM	25	0	17.60	17.74	17.67	17.79	17.80	19.1	0
10	16QAM	25	12	17.52	17.49	17.39	17.57	17.50		
10	16QAM	25	25	17.45	17.43	17.55	17.45	17.55		
10	16QAM	50	0	17.71	17.84	17.81	17.80	17.88		
10	64QAM	1	0	17.31	17.41	17.47	17.47	17.58	19.1	0
10	64QAM	1	25	17.54	17.43	17.51	17.49	17.54		
10	64QAM	1	49	17.43	17.50	17.57	17.58	17.63		
10	64QAM	25	0	17.21	17.31	17.24	17.32	17.38	19.1	0
10	64QAM	25	12	17.55	17.46	17.40	17.41	17.59		
10	64QAM	25	25	17.47	17.60	17.48	17.49	17.57		
10	64QAM	50	0	17.26	17.52	17.44	17.68	17.34		
10	256QAM	1	0	17.65	17.69	17.61	17.56	17.46	19	0.1
10	256QAM	1	25	17.25	17.30	17.34	17.20	17.30		
10	256QAM	1	49	17.43	17.29	17.33	17.27	17.36		
10	256QAM	25	0	17.63	17.73	17.73	17.61	17.69	19	0.1
10	256QAM	25	12	17.60	17.74	17.72	17.75	17.65		
10	256QAM	25	25	17.62	17.69	17.74	17.72	17.58		
10	256QAM	50	0	17.66	17.71	17.73	17.64	17.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.53	17.59	17.64	17.68	17.87	19.10	0
5	QPSK	1	12	17.45	17.48	17.44	17.48	17.57		
5	QPSK	1	24	17.64	17.67	17.64	17.77	17.85		
5	QPSK	12	0	17.62	17.73	17.69	17.70	17.88	19.1	0
5	QPSK	12	7	17.45	17.44	17.51	17.41	17.48		
5	QPSK	12	13	17.44	17.46	17.51	17.52	17.52		
5	QPSK	25	0	17.75	17.82	17.74	17.80	17.88		
5	16QAM	1	0	17.63	17.72	17.85	17.82	17.97	19.1	0
5	16QAM	1	12	17.50	17.44	17.48	17.45	17.52		
5	16QAM	1	24	17.73	17.75	17.92	17.93	17.92		
5	16QAM	12	0	17.67	17.71	17.73	17.83	17.90	19.1	0
5	16QAM	12	7	17.47	17.44	17.47	17.52	17.47		
5	16QAM	12	13	17.48	17.49	17.53	17.40	17.53		
5	16QAM	25	0	17.75	17.91	17.82	17.82	17.85		
5	64QAM	1	0	17.38	17.38	17.50	17.52	17.62	19.1	0
5	64QAM	1	12	17.48	17.49	17.52	17.52	17.53		
5	64QAM	1	24	17.44	17.45	17.54	17.62	17.69		
5	64QAM	12	0	17.22	17.27	17.17	17.29	17.36	19.1	0
5	64QAM	12	7	17.48	17.50	17.48	17.46	17.55		
5	64QAM	12	13	17.40	17.50	17.41	17.44	17.52		
5	64QAM	25	0	17.27	17.40	17.31	17.31	17.37		
5	256QAM	1	0	17.61	17.60	17.69	17.55	17.52	19	0.1
5	256QAM	1	12	17.31	17.29	17.39	17.25	17.28		
5	256QAM	1	24	17.39	17.40	17.30	17.33	17.38		
5	256QAM	12	0	17.62	17.66	17.70	17.60	17.75	19	0.1
5	256QAM	12	7	17.56	17.75	17.68	17.71	17.59		
5	256QAM	12	13	17.61	17.75	17.69	17.67	17.62		
5	256QAM	25	0	17.61	17.72	17.82	17.54	17.75		

Band 41_Ant1（HPUE）

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.37	19.46	19.53	19.56	19.72	20.7	0
20	QPSK	1	49	19.26	19.38	19.55	19.55	19.62		
20	QPSK	1	99	19.47	19.54	19.60	19.66	19.69		
20	QPSK	50	0	19.51	19.60	19.57	19.64	19.71	20.7	0
20	QPSK	50	24	19.27	19.35	19.55	19.60	19.59		
20	QPSK	50	50	19.31	19.35	19.59	19.54	19.66		
20	QPSK	100	0	19.63	19.72	19.65	19.66	19.75		
20	16QAM	1	0	19.68	19.81	19.81	19.87	19.89	20.7	0
20	16QAM	1	49	19.26	19.42	19.58	19.59	19.58		
20	16QAM	1	99	19.72	19.80	19.83	19.85	19.93		
20	16QAM	50	0	19.51	19.66	19.62	19.66	19.71	20.7	0
20	16QAM	50	24	19.35	19.42	19.57	19.54	19.65		
20	16QAM	50	50	19.25	19.36	19.52	19.63	19.63		
20	16QAM	100	0	19.63	19.74	19.67	19.66	19.74		
20	64QAM	1	0	19.44	19.60	19.58	19.66	19.71	20.7	0
20	64QAM	1	49	19.25	19.35	19.49	19.63	19.64		
20	64QAM	1	99	19.63	19.83	19.69	19.68	19.75		
20	64QAM	50	0	19.48	19.62	19.59	19.62	19.71	20.7	0
20	64QAM	50	24	19.26	19.38	19.50	19.58	19.63		
20	64QAM	50	50	19.35	19.40	19.51	19.61	19.65		
20	64QAM	100	0	19.60	19.76	19.71	19.66	19.74		
20	256QAM	1	0	19.42	19.58	19.56	19.62	19.60	20.7	0
20	256QAM	1	49	19.37	19.54	19.56	19.57	19.60		
20	256QAM	1	99	19.20	19.32	19.41	19.60	19.57		
20	256QAM	50	0	19.57	19.72	19.62	19.64	19.65	20.7	0
20	256QAM	50	24	19.43	19.56	19.52	19.50	19.60		
20	256QAM	50	50	19.20	19.37	19.47	19.56	19.55		
20	256QAM	100	0	19.23	19.30	19.45	19.56	19.59		
Channel				39775	40173	40620	41068	41015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.27	19.39	19.49	19.44	19.70	20.70	0
15	QPSK	1	37	19.20	19.28	19.45	19.43	19.57		
15	QPSK	1	74	19.46	19.50	19.50	19.54	19.57		
15	QPSK	36	0	19.42	19.58	19.55	19.58	19.68	20.7	0
15	QPSK	36	20	19.24	19.31	19.46	19.50	19.50		
15	QPSK	36	39	19.23	19.27	19.51	19.51	19.55		
15	QPSK	75	0	19.59	19.68	19.53	19.59	19.69		
15	16QAM	1	0	19.58	19.80	19.77	19.77	19.82	20.7	0
15	16QAM	1	37	19.20	19.39	19.56	19.58	19.54		
15	16QAM	1	74	19.65	19.71	19.79	19.83	19.83		
15	16QAM	36	0	19.47	19.64	19.61	19.54	19.64	20.7	0
15	16QAM	36	20	19.28	19.37	19.53	19.50	19.57		
15	16QAM	36	39	19.19	19.32	19.51	19.59	19.62		
15	16QAM	75	0	19.58	19.62	19.58	19.54	19.69		
15	64QAM	1	0	19.41	19.49	19.55	19.60	19.66	20.7	0
15	64QAM	1	37	19.16	19.23	19.38	19.61	19.58		
15	64QAM	1	74	19.55	19.76	19.59	19.62	19.68		
15	64QAM	36	0	19.43	19.56	19.53	19.56	19.69		
15	64QAM	36	20	19.19	19.34	19.47	19.50	19.59	20.7	0
15	64QAM	36	39	19.24	19.39	19.44	19.56	19.57		
15	64QAM	75	0	19.53	19.74	19.65	19.59	19.73		
15	256QAM	1	0	19.41	19.55	19.46	19.61	19.57	20.7	0
15	256QAM	1	37	19.29	19.49	19.55	19.51	19.53		
15	256QAM	1	74	19.14	19.20	19.31	19.59	19.55		
15	256QAM	36	0	19.56	19.67	19.56	19.63	19.62	20.7	0
15	256QAM	36	20	19.33	19.51	19.45	19.43	19.56		
15	256QAM	36	39	19.19	19.33	19.36	19.53	19.47		
15	256QAM	75	0	19.18	19.20	19.41	19.46	19.50		
Channel				39750	40190	40620	41060	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.33	19.35	19.42	19.44	19.67	20.70	0
10	QPSK	1	25	19.16	19.28	19.47	19.51	19.53		
10	QPSK	1	49	19.45	19.46	19.57	19.64	19.67		
10	QPSK	25	0	19.43	19.49	19.54	19.61	19.68	20.7	0
10	QPSK	25	12	19.23	19.29	19.53	19.53	19.52		
10	QPSK	25	25	19.24	19.27	19.57	19.51	19.59		
10	QPSK	50	0	19.60	19.61	19.55	19.55	19.65		
10	16QAM	1	0	19.67	19.70	19.78	19.78	19.79	20.7	0
10	16QAM	1	25	19.18	19.34	19.47	19.57	19.55		
10	16QAM	1	49	19.66	19.78	19.76	19.82	19.87		
10	16QAM	25	0	19.46	19.54	19.51	19.62	19.64	20.7	0
10	16QAM	25	12	19.27	19.36	19.53	19.45	19.55		
10	16QAM	25	25	19.24	19.33	19.42	19.57	19.52		
10	16QAM	50	0	19.57	19.70	19.57	19.59	19.71		
10	64QAM	1	0	19.32	19.58	19.51	19.55	19.69	20.7	0
10	64QAM	1	25	19.19	19.24	19.37	19.56	19.60		
10	64QAM	1	49	19.56	19.78	19.59	19.62	19.63		
10	64QAM	25	0	19.46	19.54	19.57	19.61	19.70	20.7	0
10	64QAM	25	12	19.17	19.33	19.49	19.47	19.57		
10	64QAM	25	25	19.25	19.34	19.41	19.55	19.57		
10	64QAM	50	0	19.58	19.75	19.63	19.55	19.70		
10	256QAM	1	0	19.39	19.57	19.52	19.58	19.53	20.7	0
10	256QAM	1	25	19.33	19.42	19.47	19.47	19.53		
10	256QAM	1	49	19.17	19.31	19.37	19.54	19.46		
10	256QAM	25	0	19.55	19.71	19.58	19.62	19.63	20.7	0
10	256QAM	25	12	19.34	19.51	19.46	19.47	19.52		
10	256QAM	25	25	19.14	19.29	19.36	19.51	19.47		
10	256QAM	50	0	19.20	19.29	19.38	19.51	19.50		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.35	19.39	19.42	19.45	19.71	20.70	0
5	QPSK	1	12	19.24	19.29	19.54	19.44	19.60		
5	QPSK	1	24	19.38	19.43	19.57	19.62	19.60		
5	QPSK	12	0	19.46	19.52	19.52	19.52	19.60	20.7	0
5	QPSK	12	7	19.17	19.30	19.51	19.50	19.48		
5	QPSK	12	13	19.29	19.25	19.58	19.53	19.60		
5	QPSK	25	0	19.52	19.68	19.62	19.65	19.63		
5	16QAM	1	0	19.65	19.70	19.74	19.85	19.83	20.7	0
5	16QAM	1	12	19.18	19.31	19.55	19.53	19.55		
5	16QAM	1	24	19.70	19.69	19.81	19.76	19.83		
5	16QAM	12	0	19.42	19.63	19.59	19.57	19.68	20.7	0
5	16QAM	12	7	19.32	19.37	19.50	19.44	19.57		
5	16QAM	12	13	19.20	19.34	19.45	19.58	19.55		
5	16QAM	25	0	19.52	19.69	19.64	19.58	19.62		
5	64QAM	1	0	19.34	19.58	19.56	19.62	19.69	20.7	0
5	64QAM	1	12	19.13	19.31	19.46	19.59	19.59		
5	64QAM	1	24	19.59	19.72	19.66	19.58	19.64		
5	64QAM	12	0	19.37	19.61	19.47	19.56	19.68	20.7	0
5	64QAM	12	7	19.19	19.37	19.48	19.53	19.57		
5	64QAM	12	13	19.30	19.30	19.47	19.49	19.63		
5	64QAM	25	0	19.58	19.75	19.63	19.64	19.63		
5	256QAM	1	0	19.40	19.46	19.48	19.50	19.54	20.7	0
5	256QAM	1	12	19.27	19.48	19.49	19.46	19.56		
5	256QAM	1	24	19.08	19.28	19.35	19.56	19.45		
5	256QAM	12	0	19.49	19.62	19.51	19.56	19.60	20.7	0
5	256QAM	12	7	19.38	19.45	19.47	19.39	19.51		
5	256QAM	12	13	19.11	19.27	19.42	19.50	19.48		
5	256QAM	25	0	19.22	19.29	19.40	19.52	19.51		

Band 48_Ant5_For FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	18.55	18.35	18.30	18.37	19	0
20	QPSK	1	49	18.17	18.04	18.09	18.18		
20	QPSK	1	99	18.26	18.16	18.14	18.18		
20	QPSK	50	0	18.50	18.26	18.31	18.36	19	0
20	QPSK	50	24	18.34	18.32	18.26	18.37		
20	QPSK	50	50	18.40	18.35	18.29	18.49		
20	QPSK	100	0	18.38	18.31	18.36	18.33		
20	16QAM	1	0	18.29	18.25	18.22	18.33	19	0
20	16QAM	1	49	18.07	18.08	17.97	18.12		
20	16QAM	1	99	18.21	18.09	18.10	18.19		
20	16QAM	50	0	18.45	18.20	18.16	18.39	19	0
20	16QAM	50	24	18.26	18.23	18.29	18.25		
20	16QAM	50	50	18.39	18.32	18.22	18.31		
20	16QAM	100	0	18.22	18.27	18.26	18.28		
20	64QAM	1	0	18.31	18.34	18.37	18.38	19	0
20	64QAM	1	49	18.06	17.88	17.84	17.94		
20	64QAM	1	99	18.17	18.16	18.11	18.30		
20	64QAM	50	0	18.36	18.21	18.18	18.37	19	0
20	64QAM	50	24	18.39	18.12	18.15	18.32		
20	64QAM	50	50	18.22	18.30	18.39	18.26		
20	64QAM	100	0	18.18	18.33	18.33	18.28		
20	256QAM	1	0	18.23	18.24	18.21	18.33	19	0
20	256QAM	1	49	18.00	17.79	17.99	17.87		
20	256QAM	1	99	18.13	18.04	18.13	18.10		
20	256QAM	50	0	18.27	18.20	18.29	18.14	19	0
20	256QAM	50	24	18.36	18.10	18.35	18.04		
20	256QAM	50	50	18.10	18.29	18.19	18.22		
20	256QAM	100	0	18.06	18.26	18.07	18.30		
Channel				55315	55820	56180	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	18.53	18.29	18.32	18.46	19	0
15	QPSK	1	37	18.03	17.89	17.83	18.06		
15	QPSK	1	74	18.24	18.14	18.04	18.11		
15	QPSK	36	0	18.44	18.20	18.29	18.46	19	0
15	QPSK	36	20	18.25	18.29	18.31	18.23		
15	QPSK	36	39	18.46	18.23	18.27	18.48		
15	QPSK	75	0	18.28	18.24	18.26	18.23		
15	16QAM	1	0	18.19	18.24	18.23	18.25	19	0
15	16QAM	1	37	18.06	17.99	17.99	17.97		
15	16QAM	1	74	18.11	18.04	18.01	18.08		
15	16QAM	36	0	18.43	18.16	18.08	18.41	19	0
15	16QAM	36	20	18.15	18.12	18.14	18.10		
15	16QAM	36	39	18.29	18.28	18.28	18.28		
15	16QAM	75	0	18.14	18.26	18.25	18.22		
15	64QAM	1	0	18.23	18.22	18.23	18.29	19	0
15	64QAM	1	37	17.95	17.82	17.80	18.00		
15	64QAM	1	74	18.10	18.08	18.07	18.12		
15	64QAM	36	0	18.28	18.15	18.12	18.27	19	0
15	64QAM	36	20	18.33	18.07	18.11	18.24		
15	64QAM	36	39	18.13	18.23	18.19	18.10		
15	64QAM	75	0	18.09	18.32	18.27	18.14		
15	256QAM	1	0	18.22	18.16	18.23	18.16	19	0
15	256QAM	1	37	17.92	17.76	17.73	17.96		
15	256QAM	1	74	18.01	17.93	17.97	18.09		
15	256QAM	36	0	18.21	18.18	18.14	18.20	19	0
15	256QAM	36	20	18.24	17.98	18.00	18.29		
15	256QAM	36	39	18.08	18.22	18.19	18.07		
15	256QAM	75	0	18.03	18.16	18.25	18.12		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	18.47	18.32	18.26	18.49	19	0
10	QPSK	1	25	17.95	17.85	17.93	18.00		
10	QPSK	1	49	18.19	18.09	18.05	18.13		
10	QPSK	25	0	18.40	18.25	18.17	18.41	19	0
10	QPSK	25	12	18.26	18.21	18.28	18.25		
10	QPSK	25	25	18.40	18.24	18.28	18.46		
10	QPSK	50	0	18.26	18.30	18.19	18.22		
10	16QAM	1	0	18.21	18.23	18.17	18.24	19	0
10	16QAM	1	25	17.95	17.98	18.07	17.92		
10	16QAM	1	49	18.17	18.02	18.00	18.15		
10	16QAM	25	0	18.44	18.11	18.14	18.38	19	0
10	16QAM	25	12	18.24	18.19	18.18	18.16		
10	16QAM	25	25	18.27	18.30	18.23	18.28		
10	16QAM	50	0	18.20	18.18	18.19	18.18		
10	64QAM	1	0	18.19	18.29	18.25	18.24	19	0
10	64QAM	1	25	17.97	17.82	17.85	18.11		
10	64QAM	1	49	18.06	18.04	18.07	18.18		
10	64QAM	25	0	18.33	18.20	18.09	18.27	19	0
10	64QAM	25	12	18.32	18.05	18.04	18.18		
10	64QAM	25	25	18.20	18.20	18.18	18.17		
10	64QAM	50	0	18.13	18.22	18.32	18.15		
10	256QAM	1	0	18.14	18.14	18.12	18.22	19	0
10	256QAM	1	25	17.97	17.68	17.77	17.98		
10	256QAM	1	49	18.02	17.92	17.92	18.07		
10	256QAM	25	0	18.18	18.18	18.13	18.19	19	0
10	256QAM	25	12	18.25	18.08	18.01	18.25		
10	256QAM	25	25	18.09	18.27	18.28	18.13		
10	256QAM	50	0	18.00	18.19	18.20	18.10		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	18.54	18.32	18.31	18.52	19	0
5	QPSK	1	12	17.96	17.84	17.88	18.02		
5	QPSK	1	24	18.14	18.15	18.07	18.14		
5	QPSK	12	0	18.39	18.17	18.22	18.44	19	0
5	QPSK	12	7	18.25	18.29	18.26	18.23		
5	QPSK	12	13	18.49	18.26	18.30	18.50		
5	QPSK	25	0	18.33	18.27	18.28	18.28		
5	16QAM	1	0	18.25	18.18	18.21	18.25	19	0
5	16QAM	1	12	18.02	18.05	18.04	17.94		
5	16QAM	1	24	18.16	17.99	18.00	18.13		
5	16QAM	12	0	18.39	18.08	18.14	18.41	19	0
5	16QAM	12	7	18.24	18.11	18.11	18.14		
5	16QAM	12	13	18.36	18.28	18.24	18.35		
5	16QAM	25	0	18.17	18.23	18.26	18.24		
5	64QAM	1	0	18.20	18.32	18.29	18.28	19	0
5	64QAM	1	12	18.03	17.78	17.84	18.02		
5	64QAM	1	24	18.08	18.10	18.12	18.23		
5	64QAM	12	0	18.29	18.09	18.18	18.26	19	0
5	64QAM	12	7	18.34	18.07	18.07	18.29		
5	64QAM	12	13	18.20	18.27	18.21	18.19		
5	64QAM	25	0	18.14	18.30	18.30	18.15		
5	256QAM	1	0	18.17	18.23	18.18	18.25	19	0
5	256QAM	1	12	17.93	17.78	17.76	18.01		
5	256QAM	1	24	18.08	17.95	17.94	17.99		
5	256QAM	12	0	18.15	18.12	18.11	18.16	19	0
5	256QAM	12	7	18.29	18.05	18.06	18.27		
5	256QAM	12	13	18.09	18.27	18.24	18.08		
5	256QAM	25	0	17.99	18.14	18.21	18.12		

Reduced Power Mode for DSI 6

<GSM>

GSM850_Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.08	32.98	32.76	**33.50**	24.08	23.98	23.76	24.50
GPRS 1 Tx slot	32.99	32.96	32.68	**33.50**	23.99	23.96	23.68	24.50
GPRS 2 Tx slots	30.66	30.85	30.59	**31.50**	24.66	24.85	24.59	25.50
GPRS 3 Tx slots	28.46	28.84	28.77	**29.50**	24.20	24.58	24.51	25.24
GPRS 4 Tx slots	26.57	26.40	26.23	**27.50**	23.57	23.40	23.23	24.50
EDGE 1 Tx slot	26.33	26.55	26.48	**27.50**	17.33	17.55	17.48	18.50
EDGE 2 Tx slots	24.61	24.45	24.89	**25.50**	18.61	18.45	18.89	19.50
EDGE 3 Tx slots	22.71	22.51	22.88	**23.50**	18.45	18.25	18.62	19.24
EDGE 4 Tx slots	20.77	20.55	20.79	**21.50**	17.77	17.55	17.79	18.50

GSM850_Ant4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.68	32.52	32.32	**33.50**	23.68	23.52	23.32	24.50
GPRS 1 Tx slot	32.58	32.37	32.27	**33.50**	23.58	23.37	23.27	24.50
GPRS 2 Tx slots	30.42	30.67	30.26	**31.50**	24.42	24.67	24.26	25.50
GPRS 3 Tx slots	28.32	28.61	28.56	**29.50**	24.06	24.35	24.30	25.24
GPRS 4 Tx slots	26.52	26.17	26.02	**27.50**	23.52	23.17	23.02	24.50
EDGE 1 Tx slot	26.12	26.30	26.13	**27.50**	17.12	17.30	17.13	18.50
EDGE 2 Tx slots	24.23	24.30	24.12	**25.50**	18.23	18.30	18.12	19.50
EDGE 3 Tx slots	22.30	22.50	22.22	**23.50**	18.04	18.24	17.96	19.24
EDGE 4 Tx slots	20.44	20.30	20.33	**21.50**	17.44	17.30	17.33	18.50

GSM1900_Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.82	29.87	29.79	**30.00**	20.82	20.87	20.79	21.00
GPRS 1 Tx slot	29.76	29.80	29.70	**30.00**	20.76	20.80	20.70	21.00
GPRS 2 Tx slots	26.50	26.55	26.56	**27.50**	20.50	20.55	20.56	21.50
GPRS 3 Tx slots	24.26	24.37	24.25	**25.00**	20.00	20.11	19.99	20.74
GPRS 4 Tx slots	22.76	22.86	22.74	**23.50**	19.76	19.86	19.74	20.50
EDGE 1 Tx slot	25.14	25.47	25.72	**26.00**	18.14	16.47	16.72	17.00
EDGE 2 Tx slots	22.77	23.34	23.29	**24.00**	16.77	17.34	17.29	18.00
EDGE 3 Tx slots	21.92	22.37	22.58	**23.50**	17.66	18.11	18.32	19.24
EDGE 4 Tx slots	20.36	20.68	20.62	**21.50**	17.36	17.68	17.62	18.50

GSM1900_Ant4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.51	29.57	29.62	**30.50**	20.51	20.57	20.62	21.50
GPRS 1 Tx slot	29.48	29.51	29.56	**30.50**	20.48	20.51	20.56	21.50
GPRS 2 Tx slots	26.68	26.80	26.86	**27.50**	20.68	20.80	20.86	21.50
GPRS 3 Tx slots	23.77	24.18	23.72	**25.00**	19.51	19.92	19.46	20.74
GPRS 4 Tx slots	22.52	22.94	22.42	**24.00**	19.52	19.94	19.42	21.00
EDGE 1 Tx slot	24.86	24.56	24.54	**26.00**	15.86	15.56	15.54	17.00
EDGE 2 Tx slots	22.24	22.11	21.94	**23.00**	16.24	16.11	15.94	17.00
EDGE 3 Tx slots	21.31	21.19	21.12	**22.50**	17.05	16.93	16.86	18.24
EDGE 4 Tx slots	19.49	19.42	19.28	**20.50**	16.49	16.42	16.28	17.50

<WCDMA>

Band		WCDMA II_Ant0			Tune-up Limit (dBm)	WCDMA IV_Ant0			Tune-up Limit (dBm)	WCDMA V_Ant0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.58	19.66	19.62	**20.00**	20.60	20.83	20.88	**21.00**	23.37	23.42	23.41	**24.00**
3GPP Rel 99	RMC 12.2Kbps	19.65	19.67	19.65	**20.00**	20.61	20.95	20.90	**21.00**	23.39	23.45	23.42	**24.00**
3GPP Rel 6	HSDPA Subtest-1	18.57	18.56	18.65	**19.00**	19.52	19.78	19.77	**20.00**	22.20	22.17	22.07	**23.00**
3GPP Rel 6	HSDPA Subtest-2	18.55	18.55	18.57	**19.00**	19.53	19.79	19.83	**20.00**	22.19	22.16	22.08	**23.00**
3GPP Rel 6	HSDPA Subtest-3	17.87	17.92	17.92	**18.50**	18.86	19.15	19.18	**19.50**	21.72	21.68	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	17.96	17.96	17.86	**18.50**	18.90	19.10	19.27	**19.50**	21.71	21.67	21.59	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	18.51	18.49	18.60	**19.00**	19.47	19.74	19.72	**20.00**	22.15	22.03	21.96	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	18.47	18.50	18.53	**19.00**	19.46	19.75	19.82	**20.00**	22.08	21.99	21.94	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	17.84	17.91	17.97	**18.50**	18.89	19.19	19.14	**19.50**	21.56	21.67	21.44	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	17.93	17.97	17.87	**18.50**	18.86	19.13	19.23	**19.50**	21.54	21.60	21.48	**22.50**
3GPP Rel 6	HSUPA Subtest-1	18.41	18.41	18.55	**19.00**	19.39	19.63	19.62	**20.00**	22.12	22.16	22.04	**23.00**
3GPP Rel 6	HSUPA Subtest-2	16.42	16.39	16.57	**17.00**	17.26	17.43	17.56	**18.00**	20.13	20.14	20.06	**21.00**
3GPP Rel 6	HSUPA Subtest-3	17.34	17.35	17.47	**18.00**	18.26	18.60	18.71	**19.00**	21.14	21.15	21.02	**22.00**
3GPP Rel 6	HSUPA Subtest-4	16.42	16.39	16.57	**17.00**	17.29	17.51	17.57	**18.00**	20.13	20.15	20.04	**21.00**
3GPP Rel 6	HSUPA Subtest-5	18.33	18.40	18.43	**19.00**	19.40	19.72	19.60	**20.00**	22.10	22.12	22.08	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.86	15.84	15.97	**16.50**	16.76	16.89	17.12	**17.50**	19.81	19.78	19.75	**20.50**

<WCDMA>

Band		WCDMA II_Ant4			Tune-up Limit (dBm)	WCDMA IV_Ant4			Tune-up Limit (dBm)	WCDMA V_Ant4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.27	19.21	19.10	**20.00**	20.10	20.33	20.26	**21.00**	22.90	22.91	22.81	**24.00**
3GPP Rel 99	RMC 12.2Kbps	19.30	19.35	19.12	**20.00**	20.18	20.40	20.33	**21.00**	22.92	22.98	22.83	**24.00**
3GPP Rel 6	HSDPA Subtest-1	18.17	18.13	18.08	**19.00**	19.16	19.31	19.15	**20.00**	21.99	22.04	22.01	**23.00**
3GPP Rel 6	HSDPA Subtest-2	18.19	18.18	18.02	**19.00**	19.13	19.33	19.31	**20.00**	22.01	22.06	21.99	**23.00**
3GPP Rel 6	HSDPA Subtest-3	17.75	17.55	17.48	**18.50**	18.55	18.75	18.65	**19.50**	21.50	21.51	21.47	**22.50**
3GPP Rel 6	HSDPA Subtest-4	17.77	17.60	17.50	**18.50**	18.68	18.88	18.69	**19.50**	21.49	21.50	21.51	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	18.19	18.13	18.00	**19.00**	19.14	19.30	19.21	**20.00**	21.97	21.94	21.87	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	18.23	18.24	18.08	**19.00**	19.15	19.31	19.22	**20.00**	21.89	21.95	21.91	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	17.71	17.59	17.48	**18.50**	18.58	18.72	18.65	**19.50**	21.42	21.38	21.43	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	17.70	17.56	17.56	**18.50**	18.57	18.80	18.73	**19.50**	21.37	21.37	21.50	**22.50**
3GPP Rel 6	HSUPA Subtest-1	18.07	18.01	17.93	**19.00**	19.03	19.28	19.18	**20.00**	22.02	22.01	22.00	**23.00**
3GPP Rel 6	HSUPA Subtest-2	15.99	16.03	15.81	**17.00**	16.92	17.24	17.07	**18.00**	19.95	19.99	19.97	**21.00**
3GPP Rel 6	HSUPA Subtest-3	17.11	17.08	16.94	**18.00**	18.06	18.17	18.13	**19.00**	20.95	20.92	20.98	**22.00**
3GPP Rel 6	HSUPA Subtest-4	16.01	16.01	15.79	**17.00**	17.01	17.17	17.13	**18.00**	19.96	20.01	19.99	**21.00**
3GPP Rel 6	HSUPA Subtest-5	18.15	18.07	17.98	**19.00**	19.05	19.22	19.17	**20.00**	22.00	22.00	21.60	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.52	15.40	15.31	**16.50**	15.92	16.14	16.12	**17.50**	19.45	19.51	19.44	**20.50**

Band 2_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880.0	1909.3		
20	QPSK	1	0	19.10	19.11	19.12	20.5	0
20	QPSK	1	50	19.10	19.11	19.12		
20	QPSK	1	99	19.10	19.11	19.12		
20	QPSK	50	0	18.10	18.20	18.20	20.0	0
20	QPSK	50	25	18.10	18.20	18.20		
20	QPSK	50	50	18.10	18.20	18.20		
20	QPSK	100	0	18.10	18.19	18.19	20.0	0
20	16QAM	1	0	18.10	18.11	18.12		
20	16QAM	1	50	18.10	18.11	18.12		
20	16QAM	1	99	18.10	18.11	18.12		
20	16QAM	50	0	17.10	17.20	17.20	19.0	1.0
20	16QAM	50	25	17.10	17.20	17.20		
20	16QAM	50	50	17.10	17.20	17.20		
20	16QAM	100	0	17.10	17.19	17.19	19	1.0
20	64QAM	1	0	18.10	18.11	18.12	20.0	0
20	64QAM	1	50	18.10	18.11	18.12		
20	64QAM	1	99	18.10	18.11	18.12		
20	64QAM	50	0	17.10	17.20	17.20	19.0	1.0
20	64QAM	50	25	17.10	17.20	17.20		
20	64QAM	50	50	17.10	17.20	17.20		
20	64QAM	100	0	17.10	17.19	17.19	19	1.0
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880.0	1908.5		
15	QPSK	1	0	19.10	19.11	19.12	20.5	0
15	QPSK	1	37	19.10	19.11	19.12		
15	QPSK	1	74	19.10	19.11	19.12		
15	QPSK	36	0	18.10	18.20	18.20	20.0	0
15	QPSK	36	19	18.10	18.20	18.20		
15	QPSK	36	39	18.10	18.20	18.20		
15	QPSK	75	0	18.10	18.19	18.19	20.0	0
15	16QAM	1	0	18.10	18.11	18.12		
15	16QAM	1	37	18.10	18.11	18.12		
15	16QAM	1	74	18.10	18.11	18.12		
15	16QAM	36	0	17.10	17.20	17.20	19.0	1.0
15	16QAM	36	19	17.10	17.20	17.20		
15	16QAM	36	39	17.10	17.20	17.20		
15	16QAM	75	0	17.10	17.19	17.19	19	1.0
15	64QAM	1	0	18.10	18.11	18.12	20.0	0
15	64QAM	1	37	18.10	18.11	18.12		
15	64QAM	1	74	18.10	18.11	18.12		
15	64QAM	36	0	17.10	17.20	17.20	19.0	1.0
15	64QAM	36	19	17.10	17.20	17.20		
15	64QAM	36	39	17.10	17.20	17.20		
15	64QAM	75	0	17.10	17.19	17.19	19	1.0
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880.0	1907.5		
10	QPSK	1	0	19.10	19.11	19.12	20.5	0
10	QPSK	1	25	19.10	19.11	19.12		
10	QPSK	1	49	19.10	19.11	19.12		
10	QPSK	25	0	18.10	18.20	18.20	20.0	0
10	QPSK	25	13	18.10	18.20	18.20		
10	QPSK	25	25	18.10	18.20	18.20		
10	QPSK	50	0	18.10	18.19	18.19	20.0	0
10	16QAM	1	0	18.10	18.11	18.12		
10	16QAM	1	25	18.10	18.11	18.12		
10	16QAM	1	49	18.10	18.11	18.12		
10	16QAM	25	0	17.10	17.20	17.20	19.0	1.0
10	16QAM	25	13	17.10	17.20	17.20		
10	16QAM	25	25	17.10	17.20	17.20		
10	16QAM	50	0	17.10	17.19	17.19	19	1.0
10	64QAM	1	0	18.10	18.11	18.12	20.0	0
10	64QAM	1	25	18.10	18.11	18.12		
10	64QAM	1	49	18.10	18.11	18.12		
10	64QAM	25	0	17.10	17.20	17.20	19.0	1.0
10	64QAM	25	13	17.10	17.20	17.20		
10	64QAM	25	25	17.10	17.20	17.20		
10	64QAM	50	0	17.10	17.19	17.19	19	1.0
Channel				18650	18900	19150		
Frequency (MHz)				1855.0	1880.0	1905.0		
5	QPSK	1	0	19.10	19.11	19.12	20.5	0
5	QPSK	1	12	19.10	19.11	19.12		
5	QPSK	1	24	19.10	19.11	19.12		
5	QPSK	12	0	18.10	18.20	18.20	20.0	0
5	QPSK	12	6	18.10	18.20	18.20		
5	QPSK	12	12	18.10	18.20	18.20		
5	QPSK	25	0	18.10	18.19	18.19	20.0	0
5	16QAM	1	0	18.10	18.11	18.12		
5	16QAM	1	12	18.10	18.11	18.12		
5	16QAM	1	24	18.10	18.11	18.12		
5	16QAM	12	0	17.10	17.20	17.20	19.0	1.0
5	16QAM	12	6	17.10	17.20	17.20		
5	16QAM	12	12	17.10	17.20	17.20		
5	16QAM	25	0	17.10	17.19	17.19	19	1.0
5	64QAM	1	0	18.10	18.11	18.12	20.0	0
5	64QAM	1	12	18.10	18.11	18.12		
5	64QAM	1	24	18.10	18.11	18.12		
5	64QAM	12	0	17.10	17.20	17.20	19.0	1.0
5	64QAM	12	6	17.10	17.20	17.20		
5	64QAM	12	12	17.10	17.20	17.20		
5	64QAM	25	0	17.10	17.19	17.19	19	1.0
Channel				18661	18900	19139		
Frequency (MHz)				1856.1	1880.0	1903.9		
3	QPSK	1	0	19.10	19.11	19.12	20.5	0
3	QPSK	1	7	19.10	19.11	19.12		
3	QPSK	1	14	19.10	19.11	19.12		
3	QPSK	8	0	18.10	18.20	18.20	20.0	0
3	QPSK	8	4	18.10	18.20	18.20		
3	QPSK	8	8	18.10	18.20	18.20		
3	QPSK	15	0	18.10	18.19	18.19	20.0	0
3	16QAM	1	0	18.10	18.11	18.12		
3	16QAM	1	7	18.10	18.11	18.12		
3	16QAM	1	14	18.10	18.11	18.12		
3	16QAM	8	0	17.10	17.20	17.20	19.0	1.0
3	16QAM	8	4	17.10	17.20	17.20		
3	16QAM	8	8	17.10	17.20	17.20		
3	16QAM	15	0	17.10	17.19	17.19	19	1.0
3	64QAM	1	0	18.10	18.11	18.12	20.0	0
3	64QAM	1	7	18.10	18.11	18.12		
3	64QAM	1	14	18.10	18.11	18.12		
3	64QAM	8	0	17.10	17.20	17.20	19.0	1.0
3	64QAM	8	4	17.10	17.20	17.20		
3	64QAM	8	8	17.10	17.20	17.20		
3	64QAM	15	0	17.10	17.19	17.19	19	1.0
Channel				18670	18900	19130		
Frequency (MHz)				1857.0	1880.0	1903.0		
1	QPSK	1	0	19.10	19.11	19.12	20.5	0
1	QPSK	1	3	19.10	19.11	19.12		
1	QPSK	1	5	19.10	19.11	19.12		
1	QPSK	3	0	18.10	18.20	18.20	20.0	0
1	QPSK	3	2	18.10	18.20	18.20		
1	QPSK	3	3	18.10	18.20	18.20		
1	QPSK	6	0	18.10	18.19	18.19	20.0	0
1	16QAM	1	0	18.10	18.11	18.12		
1	16QAM	1	3	18.10	18.11	18.12		
1	16QAM	1	5	18.10	18.11	18.12		
1	16QAM	3	0	17.10	17.20	17.20	19.0	1.0
1	16QAM	3	2	17.10	17.20	17.20		
1	16QAM	3	3	17.10	17.20	17.20		
1	16QAM	6	0	17.10	17.19	17.19	19	1.0
1	64QAM	1	0	18.10	18.11	18.12	20.0	0
1	64QAM	1	3	18.10	18.11	18.12		
1	64QAM	1	5	18.10	18.11	18.12		
1	64QAM	3	0	17.10	17.20	17.20	19.0	1.0
1	64QAM	3	2	17.10	17.20	17.20		
1	64QAM	3	3	17.10	17.20	17.20		
1	64QAM	6	0	17.10	17.19	17.19	19	1.0

Band 2_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				18607	18900	19193		
Frequency (MHz)				1850.7	1880.0	1909.3		
20	QPSK	1	0	19.10	19.11	19.12	20.5	0
20	QPSK	1	50	19.10	19.11	19.12		
20	QPSK	1	99	19.10	19.11	19.12		
20	QPSK	50	0	18.10	18.20	18.20	20.0	0
20	QPSK	50	25	18.10	18.20	18.20		
20	QPSK	50	50	18.10	18.20	18.20		
20	QPSK	100	0	18.10	18.19	18.19	20.0	0
20	16QAM	1	0	18.10	18.11	18.12		
20	16QAM	1	50	18.10	18.11	18.12		
20	16QAM	1	99	18.10	18.11	18.12		
20	16QAM	50	0	17.10	17.20	17.20	19.0	1.0
20	16QAM	50	25	17.10	17.20	17.20		
20	16QAM	50	50	17.10	17.20	17.20		
20	16QAM	100	0	17.10	17.19	17.19	19	1.0
20	64QAM	1	0	18.10	18.11	18.12	20.0	0
20	64QAM	1	50	18.10	18.11	18.12		
20	64QAM	1	99	18.10	18.11	18.12		
20	64QAM	50	0	17.10	17.20	17.20	19.0	1.0
20	64QAM	50	25	17.10	17.20	17.20		
20	64QAM	50	50	17.10	17.20	17.20		
20	64QAM	100	0	17.10	17.19	17.19	19	1.0
Channel				18615	18900	19185		
Frequency (MHz)				1851.5	1880.0	1908.5		
15	QPSK	1	0	19.10	19.11	19.12	20.5	0
15	QPSK	1	37	19.10	19.11	19.12		
15	QPSK	1	74	19.10	19.11	19.12		
15	QPSK	36	0	18.10	18.20	18.20	20.0	0
15	QPSK	36	19	18.10	18.20	18.20		
15	QPSK	36	39	18.10	18.20	18.20		
15	QPSK	75	0	18.10	18.19	18.19	20.0	0
15	16QAM	1	0	18.10	18.11	18.12		
15	16QAM	1	37	18.10	18.11	18.12		
15	16QAM	1	74	18.10	18.11	18.12		
15	16QAM	36	0	17.10	17.20	17.20	19.0	1.0
15	16QAM	36	19	17.10	17.20	17.20		
15	16QAM	36	39	17.10	17.20	17.20		
15	16QAM	75	0	17.10	17.19	17.19	19	1.0
15	64QAM	1	0	18.10	18.11	18.12	20.0	0
15	64QAM	1	37	18.10	18.11	18.12		
15	64QAM	1	74	18.10	18.11	18.12		
15	64QAM	36	0	17.10	17.20	17.20	19.0	1.0
15	64QAM	36	19	17.10	17.20	17.20		
15	64QAM	36	39	17.10	17.20	17.20		
15	64QAM	75	0	17.10	17.19	17.19	19	1.0
Channel				18625	18900	19175		
Frequency (MHz)				1852.5	1880.0	1907.5		
10	QPSK	1	0	19.10	19.11	19.12	20.5	0
10	QPSK	1	25	19.10	19.11	19.12		
10	QPSK	1	49	19.10	19.11	19.12		
10	QPSK	25	0	18.10	18.20	18.20	20.0	0
10	QPSK	25	13	18.10	18.20	18.20		
10	QPSK	25	25	18.10	18.20	18.20		
10	QPSK	50	0	18.10	18.19	18.19	20.0	0
10	16QAM	1	0	18.10	18.11	18.12		
10	16QAM	1	25	18.10	18.11	18.12		
10	16QAM	1	49	18.10	18.11	18.12		
10	16QAM	25	0	17.10	17.20	17.20	19.0	1.0
10	16QAM	25	13	17.10	17.20	17.20		
10	16QAM	25	25	17.10	17.20	17.20		
10	16QAM	50	0	17.10	17.19	17.19	19	1.0
10	64QAM	1	0	18.10	18.11	18.12	20.0	0
10	64QAM	1	25	18.10	18.11	18.12		
10	64QAM	1	49	18.10	18.11	18.12		
10	64QAM	25	0	17.10	17.20	17.20	19.0	1.0
10	64QAM	25	13	17.10	17.20	17.20		
10	64QAM	25	25	17.10	17.20	17.20		
10	64QAM	50	0	17.10	17.19	17.19	19	1.0
Channel				18650	18900	19150		
Frequency (MHz)				1855.0	1880.0	1905.0		
5	QPSK	1	0	19.10	19.11	19.12	20.5	0
5	QPSK	1	12	19.10	19.11	19.12		
5	QPSK	1	24	19.10	19.11	19.12		
5	QPSK	12	0	18.10	18.20	18.20	20.0	0
5	QPSK	12	6	18.10	18.20	18.20		
5	QPSK	12	12	18.10	18.20	18.20		
5	QPSK	25	0	18.10	18.19	18.19	20.0	0
5	16QAM	1	0	18.10	18.11	18.12		
5	16QAM	1	12	18.10	18.11	18.12		
5	16QAM	1	24	18.10	18.11	18.12		
5	16QAM	12	0	17.10	17.20	17.20	19.0	1.0
5	16QAM	12	6	17.10	17.20	17.20		
5	16QAM	12	12	17.10	17.20	17.20		
5	16QAM	25	0	17.10	17.19	17.19	19	1.0
5	64QAM	1	0	18.10	18.11	18.12	20.0	0
5	64QAM	1	12	18.10	18.11	18.12		
5	64QAM	1	24	18.10	18.11	18.12		
5	64QAM	12	0	17.10	17.20	17.20	19.0	1.0
5	64QAM	12	6	17.10	17.20	17.20		
5	64QAM	12	12	17.10	17.20	17.20		
5	64QAM	25	0	17.10	17.19	17.19	19	1.0
Channel				18661	18900	19139		
Frequency (MHz)				1856.1	1880.0	1903.9		
3	QPSK	1	0	19.10	19.11	19.12	20.5	0
3	QPSK	1	7	19.10	19.11	19.12		
3	QPSK	1	14	19.10	19.11	19.12		
3	QPSK	8	0	18.10	18.20	18.20	20.0	0
3	QPSK	8	4	18.10	18.20	18.20		
3	QPSK	8	8	18.10	18.20	18.20		
3	QPSK	15	0	18.10	18.19	18.19	20.0	0
3	16QAM	1	0	18.10	18.11	18.12		
3	16QAM	1	7	18.10	18.11	18.12		
3	16QAM	1	14	18.10	18.11	18.12		
3	16QAM	8	0	17.10	17.20	17.20	19.0	1.0
3	16QAM	8	4	17.10	17.20	17.20		
3	16QAM	8	8	17.10	17.20	17.20		
3	16QAM	15	0	17.10	17.19	17.19	19	1.0
3	64QAM	1	0	18.10	18.11	18.12	20.0	0
3	64QAM	1	7	18.10	18.11	18.12		
3	64QAM	1	14	18.10	18.11	18.12		
3	64QAM	8	0	17.10	17.20	17.20	19.0	1.0
3	64QAM	8	4	17.10	17.20	17.20		
3	64QAM	8	8	17.10	17.20	17.20		
3	64QAM	15	0	17.10	17.19	17.19	19	1.0
Channel				18670	18900	19130		
Frequency (MHz)				1857.0	1880.0	1903.0		
1	QPSK	1	0	19.10	19.11	19.12	20.5	0
1	QPSK	1	3	19.10	19.11	19.12		
1	QPSK	1	5	19.10	19.11	19.12		
1	QPSK	3	0	18.10	18.20	18.20	20.0	0
1	QPSK	3	2	18.10	18.20	18.20		
1	QPSK	3	3	18.10	18.20	18.20		
1	QPSK	6	0	18.10	18.19	18.19	20.0	0
1	16QAM	1	0	18.10	18.11	18.12		
1	16QAM	1	3	18.10	18.11	18.12		
1	16QAM	1	5	18.10	18.11	18.12		
1	16QAM	3	0	17.10	17.20	17.20	19.0	1.0
1	16QAM	3	2	17.10	17.20	17.20		
1	16QAM	3	3	17.10	17.20	17.20		
1	16QAM	6	0	17.10	17.19	17.19	19	1.0
1	64QAM	1	0	18.10	18.11	18.12	20.0	0
1	64QAM	1	3	18.10	18.11	18.12		
1	64QAM	1	5	18.10	18.11	18.12		
1	64QAM	3	0	17.10	17.20	17.20	19.0	1.0
1	64QAM	3	2	17.10	17.20	17.20		
1	64QAM	3	3	17.10	17.20	17.20		
1	64QAM	6	0	17.10	17.19	17.19	19	1.0

Band 4_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				20017	20175	20333		
Frequency (MHz)				1712.7	1732.5	1752.3		
20	QPSK	1	0	20.40	20.41	20.42	21.0	0
20	QPSK	1	50	20.40	20.41	20.42		
20	QPSK	1	99	20.40	20.41	20.42		
20	QPSK	50	0	19.40	19.50	19.50	20.0	0
20	QPSK	50	25	19.40	19.50	19.50		
20	QPSK	50	50	19.40	19.50	19.50		
20	QPSK	100	0	19.40	19.49	19.49	20.0	0
20	16QAM	1	0	20.40	20.41	20.42		
20	16QAM	1	50	20.40	20.41	20.42		
20	16QAM	1	99	20.40	20.41	20.42		
20	16QAM	50	0	19.40	19.50	19.50	20.0	0.5
20	16QAM	50	25	19.40	19.50	19.50		
20	16QAM	50	50	19.40	19.50	19.50		
20	16QAM	100	0	19.40	19.49	19.49	19.5	2.5
20	64QAM	1	0	20.40	20.41	20.42	21.0	0
20	64QAM	1	50	20.40	20.41	20.42		
20	64QAM	1	99	20.40	20.41	20.42		
20	64QAM	50	0	19.40	19.50	19.50	20.0	0.5
20	64QAM	50	25	19.40	19.50	19.50		
20	64QAM	50	50	19.40	19.50	19.50		
20	64QAM	100	0	19.40	19.49	19.49	19.5	2.5
Channel				20025	20175	20325		
Frequency (MHz)				1713.5	1732.5	1751.5		
15	QPSK	1	0	20.40	20.41	20.42	21.0	0
15	QPSK	1	37	20.40	20.41	20.42		
15	QPSK	1	74	20.40	20.41	20.42		
15	QPSK	36	0	19.40	19.50	19.50	20.0	0
15	QPSK	36	19	19.40	19.50	19.50		
15	QPSK	36	39	19.40	19.50	19.50		
15	QPSK	75	0	19.40	19.49	19.49	20.0	0
15	16QAM	1	0	20.40	20.41	20.42		
15	16QAM	1	37	20.40	20.41	20.42		
15	16QAM	1	74	20.40	20.41	20.42		
15	16QAM	36	0	19.40	19.50	19.50	20.0	0.5
15	16QAM	36	19	19.40	19.50	19.50		
15	16QAM	36	39	19.40	19.50	19.50		
15	16QAM	75	0	19.40	19.49	19.49	19.5	2.5
15	64QAM	1	0	20.40	20.41	20.42	21.0	0
15	64QAM	1	37	20.40	20.41	20.42		
15	64QAM	1	74	20.40	20.41	20.42		
15	64QAM	36	0	19.40	19.50	19.50	20.0	0.5
15	64QAM	36	19	19.40	19.50	19.50		
15	64QAM	36	39	19.40	19.50	19.50		
15	64QAM	75	0	19.40	19.49	19.49	19.5	2.5
Channel				20035	20175	20315		
Frequency (MHz)				1714.5	1732.5	1750.5		
10	QPSK	1	0	20.40	20.41	20.42	21.0	0
10	QPSK	1	25	20.40	20.41	20.42		
10	QPSK	1	49	20.40	20.41	20.42		
10	QPSK	25	0	19.40	19.50	19.50	20.0	0
10	QPSK	25	13	19.40	19.50	19.50		
10	QPSK	25	25	19.40	19.50	19.50		
10	QPSK	50	0	19.40	19.49	19.49	20.0	0
10	16QAM	1	0	20.40	20.41	20.42		
10	16QAM	1	25	20.40	20.41	20.42		
10	16QAM	1	49	20.40	20.41	20.42		
10	16QAM	25	0	19.40	19.50	19.50	20.0	0.5
10	16QAM	25	13	19.40	19.50	19.50		
10	16QAM	25	25	19.40	19.50	19.50		
10	16QAM	50	0	19.40	19.49	19.49	19.5	2.5
10	64QAM	1	0	20.40	20.41	20.42	21.0	0
10	64QAM	1	25	20.40	20.41	20.42		
10	64QAM	1	49	20.40	20.41	20.42		
10	64QAM	25	0	19.40	19.50	19.50	20.0	0.5
10	64QAM	25	13	19.40	19.50	19.50		
10	64QAM	25	25	19.40	19.50	19.50		
10	64QAM	50	0	19.40	19.49	19.49	19.5	2.5
Channel				20044	20175	20306		
Frequency (MHz)				1715.4	1732.5	1749.6		
5	QPSK	1	0	20.40	20.41	20.42	21.0	0
5	QPSK	1	12	20.40	20.41	20.42		
5	QPSK	1	24	20.40	20.41	20.42		
5	QPSK	12	0	19.40	19.50	19.50	20.0	0
5	QPSK	12	6	19.40	19.50	19.50		
5	QPSK	12	12	19.40	19.50	19.50		
5	QPSK	25	0	19.40	19.49	19.49	20.0	0
5	16QAM	1	0	20.40	20.41	20.42		
5	16QAM	1	12	20.40	20.41	20.42		
5	16QAM	1	24	20.40	20.41	20.42		
5	16QAM	12	0	19.40	19.50	19.50	20.0	0.5
5	16QAM	12	6	19.40	19.50	19.50		
5	16QAM	12	12	19.40	19.50	19.50		
5	16QAM	25	0	19.40	19.49	19.49	19.5	2.5
5	64QAM	1	0	20.40	20.41	20.42	21.0	0
5	64QAM	1	12	20.40	20.41	20.42		
5	64QAM	1	24	20.40	20.41	20.42		
5	64QAM	12	0	19.40	19.50	19.50	20.0	0.5
5	64QAM	12	6	19.40	19.50	19.50		
5	64QAM	12	12	19.40	19.50	19.50		
5	64QAM	25	0	19.40	19.49	19.49	19.5	2.5
Channel				20053	20175	20297		
Frequency (MHz)				1717.3	1732.5	1747.7		
3	QPSK	1	0	20.40	20.41	20.42	21.0	0
3	QPSK	1	7	20.40	20.41	20.42		
3	QPSK	1	14	20.40	20.41	20.42		
3	QPSK	8	0	19.40	19.50	19.50

Band 5_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				824.7	836.5	848.3		
10	QPSK	1	0	22.40	22.60	22.65	23.0	0
10	QPSK	1	25	22.41	22.60	22.65		
10	QPSK	1	49	22.41	22.60	22.65		
10	QPSK	25	0	21.40	21.60	21.65	22	0.5
10	QPSK	25	12	21.40	21.60	21.65		
10	QPSK	25	25	21.40	21.60	21.65		
10	QPSK	50	0	21.40	21.60	21.65	22	0.5
10	QPSK	50	13	21.40	21.60	21.65		
10	QPSK	50	25	21.40	21.60	21.65		
10	16QAM	1	0	21.40	21.60	21.65	22	1.5
10	16QAM	1	25	21.40	21.60	21.65		
10	16QAM	1	49	21.40	21.60	21.65		
10	16QAM	25	0	20.40	20.60	20.65	21	1.5
10	16QAM	25	12	20.40	20.60	20.65		
10	16QAM	25	25	20.40	20.60	20.65		
10	16QAM	50	0	20.40	20.60	20.65	21	2.0
10	16QAM	50	13	20.40	20.60	20.65		
10	16QAM	50	25	20.40	20.60	20.65		
10	64QAM	1	0	19.40	19.60	19.65	19	4.0
10	64QAM	1	25	19.40	19.60	19.65		
10	64QAM	1	49	19.40	19.60	19.65		
10	64QAM	25	0	18.40	18.60	18.65	19	4.0
10	64QAM	25	12	18.40	18.60	18.65		
10	64QAM	25	25	18.40	18.60	18.65		
10	64QAM	50	0	18.40	18.60	18.65	19	4.0
10	64QAM	50	13	18.40	18.60	18.65		
10	64QAM	50	25	18.40	18.60	18.65		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				829.5	841.5	853.5		
5	QPSK	1	0	22.40	22.60	22.65	23.0	0
5	QPSK	1	12	22.40	22.60	22.65		
5	QPSK	1	24	22.40	22.60	22.65		
5	QPSK	12	0	21.40	21.60	21.65	22	0.5
5	QPSK	12	6	21.40	21.60	21.65		
5	QPSK	12	12	21.40	21.60	21.65		
5	QPSK	25	0	21.40	21.60	21.65	22	0.5
5	QPSK	25	7	21.40	21.60	21.65		
5	QPSK	25	13	21.40	21.60	21.65		
5	16QAM	1	0	20.40	20.60	20.65	21	1.5
5	16QAM	1	12	20.40	20.60	20.65		
5	16QAM	1	24	20.40	20.60	20.65		
5	16QAM	12	0	20.40	20.60	20.65	21	1.5
5	16QAM	12	6	20.40	20.60	20.65		
5	16QAM	12	12	20.40	20.60	20.65		
5	16QAM	25	0	20.40	20.60	20.65	21	2.0
5	16QAM	25	7	20.40	20.60	20.65		
5	16QAM	25	13	20.40	20.60	20.65		
5	64QAM	1	0	19.40	19.60	19.65	19	4.0
5	64QAM	1	12	19.40	19.60	19.65		
5	64QAM	1	24	19.40	19.60	19.65		
5	64QAM	12	0	18.40	18.60	18.65	19	4.0
5	64QAM	12	6	18.40	18.60	18.65		
5	64QAM	12	12	18.40	18.60	18.65		
5	64QAM	25	0	18.40	18.60	18.65	19	4.0
5	64QAM	25	7	18.40	18.60	18.65		
5	64QAM	25	13	18.40	18.60	18.65		
Channel				20407	20517	20627	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				826.5	839.0	851.5		
3	QPSK	1	0	22.40	22.60	22.65	23.0	0
3	QPSK	1	7	22.40	22.60	22.65		
3	QPSK	1	14	22.40	22.60	22.65		
3	QPSK	8	0	21.40	21.60	21.65	22	0.5
3	QPSK	8	4	21.40	21.60	21.65		
3	QPSK	8	7	21.40	21.60	21.65		
3	QPSK	15	0	21.40	21.60	21.65	22	0.5
3	QPSK	15	4	21.40	21.60	21.65		
3	QPSK	15	7	21.40	21.60	21.65		
3	16QAM	1	0	20.40	20.60	20.65	21	1.5
3	16QAM	1	7	20.40	20.60	20.65		
3	16QAM	1	14	20.40	20.60	20.65		
3	16QAM	8	0	20.40	20.60	20.65	21	1.5
3	16QAM	8	4	20.40	20.60	20.65		
3	16QAM	8	7	20.40	20.60	20.65		
3	16QAM	15	0	20.40	20.60	20.65	21	2.0
3	16QAM	15	4	20.40	20.60	20.65		
3	16QAM	15	7	20.40	20.60	20.65		
3	64QAM	1	0	19.40	19.60	19.65	19	4.0
3	64QAM	1	7	19.40	19.60	19.65		
3	64QAM	1	14	19.40	19.60	19.65		
3	64QAM	8	0	18.40	18.60	18.65	19	4.0
3	64QAM	8	4	18.40	18.60	18.65		
3	64QAM	8	7	18.40	18.60	18.65		
3	64QAM	15	0	18.40	18.60	18.65	19	4.0
3	64QAM	15	4	18.40	18.60	18.65		
3	64QAM	15	7	18.40	18.60	18.65		
Channel				20398	20508	20618	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				824.2	836.0	847.8		
1.4	QPSK	1	0	22.40	22.60	22.65	23.0	0
1.4	QPSK	1	3	22.40	22.60	22.65		
1.4	QPSK	1	5	22.40	22.60	22.65		
1.4	QPSK	3	0	21.40	21.60	21.65	22	0.5
1.4	QPSK	3	2	21.40	21.60	21.65		
1.4	QPSK	3	3	21.40	21.60	21.65		
1.4	QPSK	6	0	21.40	21.60	21.65	22	0.5
1.4	QPSK	6	2	21.40	21.60	21.65		
1.4	QPSK	6	3	21.40	21.60	21.65		
1.4	16QAM	1	0	20.40	20.60	20.65	21	1.5
1.4	16QAM	1	3	20.40	20.60	20.65		
1.4	16QAM	1	5	20.40	20.60	20.65		
1.4	16QAM	3	0	20.40	20.60	20.65	21	1.5
1.4	16QAM	3	2	20.40	20.60	20.65		
1.4	16QAM	3	3	20.40	20.60	20.65		
1.4	16QAM	6	0	20.40	20.60	20.65	21	2.0
1.4	16QAM	6	2	20.40	20.60	20.65		
1.4	16QAM	6	3	20.40	20.60	20.65		
1.4	64QAM	1	0	19.40	19.60	19.65	19	4.0
1.4	64QAM	1	3	19.40	19.60	19.65		
1.4	64QAM	1	5	19.40	19.60	19.65		
1.4	64QAM	3	0	18.40	18.60	18.65	19	4.0
1.4	64QAM	3	2	18.40	18.60	18.65		
1.4	64QAM	3	3	18.40	18.60	18.65		
1.4	64QAM	6	0	18.40	18.60	18.65	19	4.0
1.4	64QAM	6	2	18.40	18.60	18.65		
1.4	64QAM	6	3	18.40	18.60	18.65		

Band 5_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				824.7	836.5	848.3		
10	QPSK	1	0	23.40	23.60	23.65	24	0
10	QPSK	1	25	23.40	23.60	23.65		
10	QPSK	1	49	23.40	23.60	23.65		
10	QPSK	25	0	22.40	22.60	22.65	23	1
10	QPSK	25	12	22.40	22.60	22.65		
10	QPSK	25	25	22.40	22.60	22.65		
10	QPSK	50	0	22.40	22.60	22.65	23	1
10	QPSK	50	13	22.40	22.60	22.65		
10	QPSK	50	25	22.40	22.60	22.65		
10	16QAM	1	0	21.40	21.60	21.65	22	2
10	16QAM	1	25	21.40	21.60	21.65		
10	16QAM	1	49	21.40	21.60	21.65		
10	16QAM	25	0	21.40	21.60	21.65	22	2
10	16QAM	25	12	21.40	21.60	21.65		
10	16QAM	25	25	21.40	21.60	21.65		
10	16QAM	50	0	21.40	21.60	21.65	22	2
10	16QAM	50	13	21.40	21.60	21.65		
10	16QAM	50	25	21.40	21.60	21.65		
10	64QAM	1	0	20.40	20.60	20.65	21	3
10	64QAM	1	25	20.40	20.60	20.65		
10	64QAM	1	49	20.40	20.60	20.65		
10	64QAM	25	0	19.40	19.60	19.65	20	3
10	64QAM	25	12	19.40	19.60	19.65		
10	64QAM	25	25	19.40	19.60	19.65		
10	64QAM	50	0	19.40	19.60	19.65	20	3
10	64QAM	50	13	19.40	19.60	19.65		
10	64QAM	50	25	19.40	19.60	19.65		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				829.5	841.5	853.5		
5	QPSK	1	0	23.40	23.60	23.65	24	0
5	QPSK	1	12	23.40	23.60	23.65		
5	QPSK	1	24	23.40	23.60	23.65		
5	QPSK	12	0	22.40	22.60	22.65	23	1
5	QPSK	12	6	22.40	22.60	22.65		
5	QPSK	12	12	22.40	22.60	22.65		
5	QPSK	25	0	22.40	22.60	22.65	23	1
5	QPSK	25	7	22.40	22.60	22.65		
5	QPSK	25	13	22.40	22.60	22.65		
5	16QAM	1	0	21.40	21.60	21.65	22	2
5	16QAM	1	12	21.40	21.60	21.65		
5	16QAM	1	24	21.40	21.60	21.65		
5	16QAM	12	0	21.40	21.60	21.65	22	2
5	16QAM	12	6	21.40	21.60	21.65		
5	16QAM	12	12	21.40	21.60	21.65		
5	16QAM	25	0	21.40	21.60	21.65	22	2
5	16QAM	25	7	21.40	21.60	21.65		
5	16QAM	25	13	21.40	21.60	21.65		
5	64QAM	1	0	20.40	20.60	20.65	21	3
5	64QAM	1	12	20.40	20.60	20.65		
5	64QAM	1	24	20.40	20.60	20.65		
5	64QAM	12	0	19.40	19.60	19.65	20	3
5	64QAM	12	6	19.40	19.60	19.65		
5	64QAM	12	12	19.40	19.60	19.65		
5	64QAM	25	0	19.40	19.60	19.65	20	3
5	64QAM	25	7	19.40	19.60	19.65		
5	64QAM	25	13	19.40	19.60	19.65		
Channel				20407	20517	20627	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				826.5	839.0	851.5		
3	QPSK	1	0	23.40	23.60	23.65	24	0
3	QPSK	1	7	23.40	23.60	23.65		
3	QPSK	1	14	23.40	23.60	23.65		
3	QPSK	8	0	22.40	22.60	22.65	23	1
3	QPSK	8	4	22.40	22.60	22.65		
3	QPSK	8	7	22.40	22.60	22.65		
3	QPSK	15	0	22.40	22.60	22.65	23	1
3	QPSK	15	4	22.40	22.60	22.65		
3	QPSK	15	7	22.40	22.60	22.65		
3	16QAM	1	0	21.40	21.60	21.65	22	2
3	16QAM	1	7	21.40	21.60	21.65		
3	16QAM	1	14	21.40	21.60	21.65		
3	16QAM	8	0	21.40	21.60	21.65	22	2
3	16QAM	8	4	21.40	21.60	21.65		
3	16QAM	8	7	21.40	21.60	21.65		
3	16QAM	15	0	21.40	21.60	21.65	22	2
3	16QAM	15	4	21.40	21.60	21.65		
3	16QAM	15	7	21.40	21.60	21.65		
3	64QAM	1	0	20.40	20.60	20.65	21	3
3	64QAM	1	7	20.40	20.60	20.65		
3	64QAM	1	14	20.40	20.60	20.65		
3	64QAM	8	0	19.40	19.60	19.65	20	3
3	64QAM	8	4	19.40	19.60	19.65		
3	64QAM	8	7	19.40	19.60	19.65		
3	64QAM	15	0	19.40	19.60	19.65	20	3
3	64QAM	15	4	19.40	19.60	19.65		
3	64QAM	15	7	19.40	19.60	19.65		
Channel				20398	20508	20618	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				824.2	836.0	847.8		
1.4	QPSK	1	0	23.40	23.60	23.65	24	0
1.4	QPSK	1	3	23.40	23.60	23.65		
1.4	QPSK	1	5	23.40	23.60	23.65		
1.4	QPSK	3	0	22.40	22.60	22.65	23	1
1.4	QPSK	3	2	22.40	22.60	22.65		
1.4	QPSK	3	3	22.40	22.60	22.65		
1.4	QPSK	6	0	22.40	22.60	22.65	23	1
1.4	QPSK	6	2	22.40	22.60	22.65		
1.4	QPSK	6	3	22.40	22.60	22.65		
1.4	16QAM	1	0	21.40	21.60	21.65	22	2
1.4	16QAM	1	3	21.40	21.60	21.65		
1.4	16QAM	1	5	21.40	21.60	21.65		
1.4	16QAM	3	0	21.40	21.60	21.65	22	2
1.4	16QAM	3	2	21.40	21.60	21.65		
1.4	16QAM	3	3	21.40	21.60	21.65		
1.4	16QAM	6	0	21.40	21.60	21.65	22	2
1.4	16QAM	6	2	21.40	21.60	21.65		
1.4	16QAM	6	3	21.40	21.60	21.65		
1.4	64QAM	1	0	20.40	20.60	20.65	21	3
1.4	64QAM	1	3	20.40	20.60	20.65		
1.4	64QAM	1	5	20.40	20.60	20.65		
1.4	64QAM	3	0	20.40	20.60	20.65	21	3
1.4	64QAM	3	2	20.40	20.60	20.65		
1.4	64QAM	3	3	20.40	20.60	20.65		
1.4	64QAM	6	0	20.40	20.60	20.65	21	3
1.4	64QAM	6	2	20.40	20.60	20.65		
1.4	64QAM	6	3	20.40	20.60	20.65		

Band 7_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2502.5	2535	2567.5		
20	QPSK	1	0	18.40	18.60	18.65	19.4	0
20	QPSK	1	50	18.40	18.60	18.65		
20	QPSK	1	99	18.40	18.60	18.65		
20	QPSK	50	0	18.40	18.60	18.65	19.4	0
20	QPSK	50	25	18.40	18.60	18.65		
20	QPSK	50	50	18.40	18.60	18.65		
20	QPSK	100	0	18.37	18.57	18.62	19.4	0
20	QPSK	100	50	18.37	18.57	18.62		
20	QPSK	100	99	18.37	18.57	18.62		
20	16QAM	1	0	18.40	18.60	18.65	19.4	0
20	16QAM	1	50	18.40	18.60	18.65		
20	16QAM	1	99	18.40	18.60	18.65		
20	16QAM	50	0	18.37	18.57	18.62	19.4	0
20	16QAM	50	25	18.37	18.57	18.62		
20	16QAM	50	50	18.37	18.57	18.62		
20	16QAM	100	0	18.37	18.57	18.62	19.4	0
20	16QAM	100	50	18.37	18.57	18.62		
20	16QAM	100	99	18.37	18.57	18.62		
20	64QAM	1	0	17.40	17.60	17.65	18	0.4
20	64QAM	1	50	17.40	17.60	17.65		
20	64QAM	1	99	17.40	17.60	17.65		
20	64QAM	50	0	17.37	17.57	17.62	18	0.4
20	64QAM	50	25	17.37	17.57	17.62		
20	64QAM	50	50	17.37	17.57	17.62		
20	64QAM	100	0	17.37	17.57	17.62	18	0.4
20	64QAM	100	50	17.37	17.57	17.62		
20	64QAM	100	99	17.37	17.57	17.62		
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2501.5	2535	2568.5		
15	QPSK	1	0	18.40	18.60	18.65	19.4	0
15	QPSK	1	37	18.40	18.60	18.65		
15	QPSK	1	74	18.40	18.60	18.65		
15	QPSK	36	0	18.40	18.60	18.65	19.4	0
15	QPSK	36	19	18.40	18.60	18.65		
15	QPSK	36	39	18.40	18.60	18.65		
15	QPSK	75	0	18.37	18.57	18.62	19.4	0
15	QPSK	75	38	18.37	18.57	18.62		
15	QPSK	75	75	18.37	18.57	18.62		
15	16QAM	1	0	18.40	18.60	18.65	19.4	0
15	16QAM	1	37	18.40	18.60	18.65		
15	16QAM	1	74	18.40	18.60	18.65		
15	16QAM	36	0	18.37	18.57	18.62	19.4	0
15	16QAM	36	19	18.37	18.57	18.62		
15	16QAM	36	39	18.37	18.57	18.62		
15	16QAM	75	0	18.37	18.57	18.62	19.4	0
15	16QAM	75	38	18.37	18.57	18.62		
15	16QAM	75	75	18.37	18.57	18.62		
15	64QAM	1	0	17.40	17.60	17.65	18	0.4
15	64QAM	1	37	17.40	17.60	17.65		
15	64QAM	1	74	17.40	17.60	17.65		
15	64QAM	36	0	17.37	17.57	17.62	18	0.4
15	64QAM	36	19	17.37	17.57	17.62		
15	64QAM	36	39	17.37	17.57	17.62		
15	64QAM	75	0	17.37	17.57	17.62	18	0.4
15	64QAM	75	38	17.37	17.57	17.62		
15	64QAM	75	75	17.37	17.57	17.62		
Channel				20825	21075	21325	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2499.5	2535	2570.5		
10	QPSK	1	0	18.40	18.60	18.65	19.4	0
10	QPSK	1	25	18.40	18.60	18.65		
10	QPSK	1	49	18.40	18.60	18.65		
10	QPSK	25	0	18.40	18.60	18.65	19.4	0
10	QPSK	25	12	18.40	18.60	18.65		
10	QPSK	25	25	18.40	18.60	18.65		
10	QPSK	50	0	18.37	18.57	18.62	19.4	0
10	QPSK	50	13	18.37	18.57	18.62		
10	QPSK	50	25	18.37	18.57	18.62		
10	16QAM	1	0	18.40	18.60	18.65	19.4	0
10	16QAM	1	25	18.40	18.60	18.65		
10	16QAM	1	49	18.40	18.60	18.65		
10	16QAM	25	0	18.37	18.57	18.62	19.4	0
10	16QAM	25	12	18.37	18.57	18.62		
10	16QAM	25	25	18.37	18.57	18.62		
10	16QAM	50	0	18.37	18.57	18.62	19.4	0
10	16QAM	50	13	18.37	18.57	18.62		
10	16QAM	50	25	18.37	18.57	18.62		
10	64QAM	1	0	17.40	17.60	17.65	18	0.4
10	64QAM	1	25	17.40	17.60	17.65		
10	64QAM	1	49	17.40	17.60	17.65		
10	64QAM	25	0	17.37	17.57	17.62	18	0.4
10	64QAM	25	12	17.37	17.57	17.62		
10	64QAM	25	25	17.37	17.57	17.62		
10	64QAM	50	0	17.37	17.57	17.62	18	0.4
10	64QAM	50	13	17.37	17.57	17.62		
10	64QAM	50	25	17.37	17.57	17.62		

Band 7_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2502.5	2535	2567.5		
20	QPSK	1	0	18.40	18.60	18.65	17.6	0
20	QPSK	1	50	18.40	18.60	18.65		
20	QPSK	1	99	18.40	18.60	18.65		
20	QPSK	50	0	18.40	18.60	18.65	17.6	0
20	QPSK	50	25	18.40	18.60	18.65		
20	QPSK	50	50	18.40	18.60	18.65		
20	QPSK	100	0	18.37	18.57	18.62	17.6	0
20	QPSK	100	50	18.37	18.57	18.62		
20	QPSK	100	99	18.37	18.57	18.62		
20	16QAM	1	0	18.40	18.60	18.65	17.6	0
20	16QAM	1	50	18.40	18.60	18.65		
20	16QAM	1	99	18.40	18.60	18.65		
20	16QAM	50	0	18.37	18.57	18.62	17.6	0
20	16QAM	50	25	18.37	18.57	18.62		
20	16QAM	50	50	18.37	18.57	18.62		
20	16QAM	100	0	18.37	18.57	18.62	17.6	0
20	16QAM	100	50	18.37	18.57	18.62		
20	16QAM	100	99	18.37	18.57	18.62		
20	64QAM	1	0	17.40	17.60	17.65	17.6	0
20	64QAM	1	50	17.40	17.60	17.65		
20	64QAM	1	99	17.40	17.60	17.65		
20	64QAM	50	0	17.37	17.57	17.62	17.6	0
20	64QAM	50	25	17.37	17.57	17.62		
20	64QAM	50	50	17.37	17.57	17.62		
20	64QAM	100	0	17.37	17.57	17.62	17.6	0
20	64QAM	100	50	17.37	17.57	17.62		
20	64QAM	100	99	17.37	17.57	17.62		
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2501.5	2535	2568.5		
15	QPSK	1	0	18.40	18.60	18.65	17.6	0
15	QPSK	1	37	18.40	18.60	18.65		
15	QPSK	1	74	18.40	18.60	18.65		
15	QPSK	36	0	18.40	18.60	18.65	17.6	0
15	QPSK	36	19	18.40	18.60	18.65		
15	QPSK	36	39	18.40	18.60	18.65		
15	QPSK	75	0	18.37	18.57	18.62	17.6	0
15	QPSK	75	38	18.37	18.57	18.62		
15	QPSK	75	75	18.37	18.57	18.62		
15	16QAM	1	0	18.40	18.60	18.65	17.6	0
15	16QAM	1	37	18.40	18.60	18.65		
15	16QAM	1	74	18.40	18.60	18.65		
15	16QAM	36	0	18.37	18.57	18.62	17.6	0
15	16QAM	36	19	18.37	18.57	18.62		
15	16QAM	36	39	18.37	18.57	18.62		
15	16QAM	75	0	18.37	18.57	18.62	17.6	0
15	16QAM	75	38	18.37	18.57	18.62		
15	16QAM	75	75	18.37	18.57	18.62		
15	64QAM	1	0	17.40	17.60	17.65	17.6	0
15	64QAM	1	37	17.40	17.60	17.65		
15	64QAM	1	74	17.40	17.60	17.65		
15	64QAM	36	0	17.37	17.57	17.62	17.6	0
15	64QAM	36	19	17.

Band 12_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.09	23.14	23.12	24	0
10	QPSK	1	25	23.06	23.05	23.05		
10	QPSK	1	49	23.06	23.06	23.10		
10	QPSK	25	0	22.16	22.19	22.17	23	1
10	QPSK	25	12	22.12	22.10	22.10		
10	QPSK	25	25	22.15	22.18	22.15		
10	QPSK	50	0	22.11	22.18	22.07		
10	16QAM	1	0	22.28	22.40	22.39	23	1
10	16QAM	1	25	22.38	22.39	22.35		
10	16QAM	1	49	22.42	22.46	22.42		
10	16QAM	25	0	21.14	21.08	21.11	22	2
10	16QAM	25	12	21.15	21.21	21.14		
10	16QAM	25	25	21.19	21.19	21.15		
10	16QAM	50	0	21.10	21.20	21.10		
10	64QAM	1	0	21.21	21.29	21.23	22	2
10	64QAM	1	25	21.25	21.26	21.23		
10	64QAM	1	49	21.29	21.40	21.29		
10	64QAM	25	0	20.16	20.12	20.15	21	3
10	64QAM	25	12	20.18	20.20	20.13		
10	64QAM	25	25	20.25	20.22	20.21		
10	64QAM	50	0	20.15	20.22	20.10		
10	256QAM	1	0	17.98	18.09	18.04	19	5
10	256QAM	1	25	17.97	18.07	18.03		
10	256QAM	1	49	18.05	18.14	18.02		
10	256QAM	25	0	17.98	18.01	17.99	19	5
10	256QAM	25	12	17.90	18.02	17.95		
10	256QAM	25	25	17.98	18.06	18.05		
10	256QAM	50	0	17.91	17.98	17.97		
Channel				23035	23095	23155	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	0	22.98	23.03	23.04	24	0
5	QPSK	1	12	23.05	23.06	23.10		
5	QPSK	1	24	23.03	23.08	23.08		
5	QPSK	12	0	22.10	22.06	22.01	23	1
5	QPSK	12	7	22.13	22.09	22.03		
5	QPSK	12	13	22.09	22.12	22.05		
5	QPSK	25	0	22.13	22.06	22.00		
5	16QAM	1	0	22.33	22.37	22.39	23	1
5	16QAM	1	12	22.33	22.32	22.44		
5	16QAM	1	24	22.39	22.45	22.32		
5	16QAM	12	0	21.17	21.10	21.05	22	2
5	16QAM	12	7	21.19	21.11	21.07		
5	16QAM	12	13	21.10	21.15	21.09		
5	16QAM	25	0	21.12	21.04	21.03		
5	64QAM	1	0	21.15	21.17	21.19	22	2
5	64QAM	1	12	21.22	21.22	21.17		
5	64QAM	1	24	21.24	21.26	21.21		
5	64QAM	12	0	20.15	20.13	20.03	21	3
5	64QAM	12	7	20.20	20.12	20.08		
5	64QAM	12	13	20.10	20.15	20.09		
5	64QAM	25	0	20.09	20.07	20.03		
5	256QAM	1	0	17.97	18.07	17.99	19	5
5	256QAM	1	12	17.92	18.01	17.94		
5	256QAM	1	24	18.01	18.07	18.00		
5	256QAM	12	0	17.89	17.89	17.93	19	5
5	256QAM	12	7	17.80	17.95	17.91		
5	256QAM	12	13	17.92	18.01	18.01		
5	256QAM	25	0	17.86	17.97	17.91		
Channel				23025	23095	23165	Tune-up limit	MPR
Frequency (MHz)				700.5	707.5	714.5	(dBm)	(dB)
3	QPSK	1	0	23.06	23.04	22.99	24	0
3	QPSK	1	8	23.08	23.09	23.10		
3	QPSK	1	14	22.96	23.01	22.98		
3	QPSK	8	0	22.12	22.04	21.99	23	1
3	QPSK	8	4	22.12	22.05	22.10		
3	QPSK	8	7	22.07	22.07	21.99		
3	QPSK	15	0	22.08	22.03	21.95		
3	16QAM	1	0	22.34	22.40	22.31	23	1
3	16QAM	1	8	22.49	22.43	22.43		
3	16QAM	1	14	22.27	22.34	22.32		
3	16QAM	8	0	21.14	21.07	21.03	22	2
3	16QAM	8	4	21.19	21.08	21.16		
3	16QAM	8	7	21.09	21.13	21.04		
3	16QAM	15	0	21.12	21.04	21.02		
3	64QAM	1	0	21.34	21.20	21.12	22	2
3	64QAM	1	8	21.34	21.36	21.26		
3	64QAM	1	14	21.17	21.25	21.22		
3	64QAM	8	0	20.20	20.13	20.04	21	3
3	64QAM	8	4	20.19	20.11	20.13		
3	64QAM	8	7	20.15	20.12	20.06		
3	64QAM	15	0	20.11	20.08	20.04		
3	256QAM	1	0	17.88	17.97	17.95	19	5
3	256QAM	1	8	17.88	18.00	17.94		
3	256QAM	1	14	17.99	18.10	17.91		
3	256QAM	8	0	17.96	17.97	17.91	19	5
3	256QAM	8	4	17.81	17.96	17.91		
3	256QAM	8	7	17.93	18.01	17.99		
3	256QAM	15	0	17.83	17.87	17.85		
Channel				23017	23095	23173	Tune-up limit	MPR
Frequency (MHz)				699.7	707.5	715.3	(dBm)	(dB)
1.4	QPSK	1	0	23.03	23.02	22.90	24	0
1.4	QPSK	1	3	23.06	23.06	23.01		
1.4	QPSK	1	5	22.92	23.00	22.97		
1.4	QPSK	3	0	22.99	22.94	22.86		
1.4	QPSK	3	1	22.94	23.00	22.92		
1.4	QPSK	3	3	22.80	22.93	22.92		
1.4	QPSK	6	0	21.97	21.95	21.87	23	1
1.4	16QAM	1	0	22.29	22.39	22.21	23	1
1.4	16QAM	1	3	22.48	22.33	22.33		
1.4	16QAM	1	5	22.15	22.23	22.29		
1.4	16QAM	3	0	22.23	22.33	22.17		
1.4	16QAM	3	1	22.41	22.23	22.28		
1.4	16QAM	3	3	22.06	22.17	22.27		
1.4	16QAM	6	0	21.03	20.96	20.95	22	2
1.4	64QAM	1	0	21.25	21.17	21.11	22	2
1.4	64QAM	1	3	21.33	21.28	21.21		
1.4	64QAM	1	5	21.10	21.20	21.12		
1.4	64QAM	3	0	21.21	21.11	21.01		
1.4	64QAM	3	1	21.31	21.18	21.16		
1.4	64QAM	3	3	20.98	21.16	21.10		
1.4	64QAM	6	0	20.10	20.03	20.00	21	3
1.4	256QAM	1	0	17.86	17.92	17.88	19	5
1.4	256QAM	1	3	17.79	17.91	17.93		
1.4	256QAM	1	5	17.89	17.98	17.85		
1.4	256QAM	3	0	17.91	17.92	17.84		
1.4	256QAM	3	1	17.70	17.85	17.90		
1.4	256QAM	3	3	17.88	17.95	17.92		
1.4	256QAM	6	0	17.74	17.85	17.75	19	5

Band 12_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.73	22.82	22.74	24	0
10	QPSK	1	25	22.69	22.68	22.68		
10	QPSK	1	49	22.71	22.71	22.73		
10	QPSK	25	0	21.79	21.81	21.75	23	1
10	QPSK	25	12	21.77	21.72	21.70		
10	QPSK	25	25	21.77	21.73	21.73		
10	QPSK	50	0	21.75	21.76	21.70		
10	16QAM	1	0	22.00	21.96	21.96	23	1
10	16QAM	1	25	22.01	22.08	22.04		
10	16QAM	1	49	22.10	22.06	22.04		
10	16QAM	25	0	20.71	20.71	20.75	22	2
10	16QAM	25	12	20.80	20.74	20.75		
10	16QAM	25	25	20.79	20.81	20.80		
10	16QAM	50	0	20.79	20.70	20.69		
10	64QAM	1	0	20.89	20.78	20.83	22	2
10	64QAM	1	25	20.89	20.94	20.91		
10	64QAM	1	49	20.95	21.01	20.91		
10	64QAM	25	0	19.73	19.75	19.73	21	3
10	64QAM	25	12	19.82	19.76	19.76		
10	64QAM	25	25	19.81	19.85	19.85		
10	64QAM	50	0	19.80	19.71	19.69		
10	256QAM	1	0	17.47	17.49	17.49	19	5
10	256QAM	1	25	17.57	17.60	17.68		
10	256QAM	1	49	17.48	17.43	17.44		
10	256QAM	25	0	17.53	17.50	17.51	19	5
10	256QAM	25	12	17.53	17.45	17.44		
10	256QAM	25	25	17.51	17.54	17.54		
10	256QAM	50	0	17.64	17.56	17.63		
Channel				23035	23095	23155	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	0	22.62	22.60	22.64	24	0
5	QPSK	1	12	22.59	22.70	22.73		
5	QPSK	1	24	22.68	22.70	22.69		
5	QPSK	12	0	21.75	21.68	21.62	23	1
5	QPSK	12	7	21.74	21.73	21.65		
5	QPSK	12	13	21.72	21.73	21.70		
5	QPSK	25	0	21.71	21.65	21.61		
5	16QAM	1	0	21.93	21.99	22.01	23	1
5	16QAM	1	12	22.07	21.98	22.00		
5	16QAM	1	24	22.06	22.02	22.00		
5	16QAM	12	0	20.78	20.71	20.67	22	2
5	16QAM	12	7	20.76	20.69	20.66		
5	16QAM	12	13	20.74	20.77	20.72		
5	16QAM	25	0	20.72	20.70	20.67		
5	64QAM	1	0	20.77	20.84	20.83	22	2
5	64QAM	1	12	20.81	20.82	20.83		
5	64QAM	1	24	20.89	20.90	20.83		
5	64QAM	12	0	19.80	19.73	19.71	21	3
5	64QAM	12	7	19.79	19.74	19.75		
5	64QAM	12	13	19.71	19.73	19.74		
5	64QAM	25	0	19.75	19.74	19.66		
5	256QAM	1	0	17.39	17.49	17.46	19	5
5	256QAM	1	12	17.56	17.63	17.66		
5	256QAM	1	24	17.53	17.46	17.43		
5	256QAM	12	0	17.58	17.56	17.54	19	5
5	256QAM	12	7	17.57	17.51	17.55		
5	256QAM	12	13	17.57	17.62	17.54		
5	256QAM	25	0	17.56	17.55	17.56		
Channel				23025	23095	23165	Tune-up limit	MPR
Frequency (MHz)				700.5	707.5	714.5	(dBm)	(dB)
3	QPSK	1	0	22.54	22.52	22.50	24	0
3	QPSK	1	8	22.68	22.68	22.67		
3	QPSK	1	14	22.54	22.56	22.54		
3	QPSK	8	0	21.61	21.56	21.49	23	1
3	QPSK	8	4	21.64	21.53	21.54		
3	QPSK	8	7	21.64	21.59	21.64		
3	QPSK	15	0	21.50	21.58	21.60		
3	16QAM	1	0	21.92	21.95	21.92	23	1
3	16QAM	1	8	21.99	21.92	21.94		
3	16QAM	1	14	21.99	21.99	21.98		
3	16QAM	8	0	20.66	20.52	20.66	22	2
3	16QAM	8	4	20.59	20.53	20.61		
3	16QAM	8	7	20.70	20.65	20.67		
3	16QAM	15	0	20.57	20.66	20.63		
3	64QAM	1	0	20.68	20.80	20.77	22	2
3	64QAM	1	8	20.69	20.74	20.74		
3	64QAM	1	14	20.71	20.69	20.78		
3	64QAM	8	0	19.62	19.62	19.62	21	3
3	64QAM	8	4	19.65	19.73	19.66		
3	64QAM	8	7	19.66	19.71	19.71		
3	64QAM	15	0	19.56	19.61	19.57		
3	256QAM	1	0	17.26	17.33	17.36	19	5
3	256QAM	1	8	17.55	17.65	17.51		
3	256QAM	1	14	17.34	17.34	17.35		
3	256QAM	8	0	17.49	17.35	17.52	19	5
3	256QAM	8	4	17.37	17.41	17.36		
3	256QAM	8	7	17.43	17.43	17.38		
3	256QAM	15	0	17.54	17.42	17.54		
Channel				23017	23095	23173	Tune-up limit	MPR
Frequency (MHz)				699.7	707.5	715.3	(dBm)	(dB)
1.4	QPSK	1	0	22.52	22.44	22.49	24	0
1.4	QPSK	1	3	22.42	22.45	22.45		
1.4	QPSK	1	5	22.43	22.46	22.43		
1.4	QPSK	3	0	22.53	22.52	22.51		
1.4	QPSK	3	1	22.52	22.52	22.57		
1.4	QPSK	3	3	22.54	22.52	22.54		
1.4	QPSK	6	0	21.65	21.56	21.56	23	1
1.4	16QAM	1	0	21.79	21.73	21.82	23	1
1.4	16QAM	1	3	21.85	21.81	21.73		
1.4	16QAM	1	5	21.75	21.83	21.85		
1.4	16QAM	3	0	21.80	21.75	21.69		
1.4	16QAM	3	1	21.79	21.68	21.81		
1.4	16QAM	3	3	21.80	21.68	21.80		
1.4	16QAM	6	0	20.61	20.62	20.73	22	2
1.4	64QAM	1	0	20.86	20.83	20.83	22	2
1.4	64QAM	1	3	20.86	20.87	20.87		
1.4	64QAM	1	5	20.87	20.75	20.75		
1.4	64QAM	3	0	20.63	20.63	20.66		
1.4	64QAM	3	1	20.66	20.70	20.67		
1.4	64QAM	3	3	20.67	20.65	20.64		
1.4	64QAM	6	0	19.56	19.59	19.60	21	3
1.4	256QAM	1	0	17.67	17.54	17.53	19	5
1.4	256QAM	1	3	17.62	17.55	17.71		
1.4	256QAM	1	5	17.52	17.63	17.56		
1.4	256QAM	3	0	17.64	17.72	17.65		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.62	17.76	17.65		
1.4	256QAM	6	0	17.78	17.66	17.68	19	5

Band 13_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		22.5	0
10	QPSK	1	25		21.47			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.62		22.5	0
10	QPSK	25	12		21.48			
10	QPSK	25	25		21.50			
10	QPSK	50	0		21.65			
10	16QAM	1	0		21.92		22.5	0
10	16QAM	1	25		21.47			
10	16QAM	1	49		21.57			
10	16QAM	25	0		20.99		22	0.5
10	16QAM	25	12		20.94			
10	16QAM	25	25		21.03			
10	16QAM	50	0		20.98			
10	64QAM	1	0		21.07		22	0.5
10	64QAM	1	25		21.11			
10	64QAM	1	49		21.15			
10	64QAM	25	0		20.00		21	1.5
10	64QAM	25	12		20.07			
10	64QAM	25	25		20.08			
10	64QAM	50	0		20.06			
10	256QAM	1	0		17.95		19	3.5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.85			
10	256QAM	25	0		17.86		19	3.5
10	256QAM	25	12		17.88			
10	256QAM	25	25		17.82			
10	256QAM	50	0		17.84			
Channel				23205	23230	23255	Tune-up limit	MPR
Frequency (MHz)				779.5	782	784.5	(dBm)	(dB)
5	QPSK	1	0	21.44	21.48	21.49	22.5	0
5	QPSK	1	12	21.35	21.38	21.36		
5	QPSK	1	24	21.43	21.49	21.48		
5	QPSK	12	0	21.58	21.57	21.54	22.5	0
5	QPSK	12	7	21.47	21.47	21.41		
5	QPSK	12	13	21.42	21.46	21.46		
5	QPSK	25	0	21.59	21.60	21.59		
5	16QAM	1	0	21.90	21.87	21.86	22.5	0
5	16QAM	1	12	21.45	21.37	21.42		
5	16QAM	1	24	21.53	21.51	21.51		
5	16QAM	12	0	20.92	20.94	20.90	22	0.5
5	16QAM	12	7	21.04	21.00	20.96		
5	16QAM	12	13	20.98	21.05	21.07		
5	16QAM	25	0	21.05	20.98	20.93		
5	64QAM	1	0	21.02	21.10	21.22	22	0.5
5	64QAM	1	12	21.15	21.11	21.19		
5	64QAM	1	24	21.20	21.17	21.14		
5	64QAM	12	0	20.00	20.00	19.91	21	1.5
5	64QAM	12	7	20.02	20.06	20.05		
5	64QAM	12	13	19.98	20.00	20.03		
5	64QAM	25	0	20.03	19.90	19.99		
5	256QAM	1	0	17.84	17.90	17.87	19	3.5
5	256QAM	1	12	17.91	17.96	17.87		
5	256QAM	1	24	17.94	17.82	17.89		
5	256QAM	12	0	17.87	17.89	17.94	19	3.5
5	256QAM	12	7	18.06	17.86	18.03		
5	256QAM	12	13	17.97	17.93	18.00		
5	256QAM	25	0	17.99	17.89	17.88		

Band 13_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.33		24	0
10	QPSK	1	25		23.31			
10	QPSK	1	49		23.32			
10	QPSK	25	0		21.74		23	1
10	QPSK	25	12		21.67			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.91		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.43			
10	16QAM	25	0		20.82		22	2
10	16QAM	25	12		20.83			
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.69			
10	64QAM	1	0		20.83		22	2
10	64QAM	1	25		20.98			
10	64QAM	1	49		21.07			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.72			
10	64QAM	25	25		19.82			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.82		19	5
10	256QAM	1	25		18.72			
10	256QAM	1	49		18.82			
10	256QAM	25	0		18.82		19	5
10	256QAM	25	12		18.72			
10	256QAM	25	25		18.82			
10	256QAM	50	0		18.81			
Channel				23205	23230	23255	Tune-up limit	MPR
Frequency (MHz)				779.5	782	784.5	(dBm)	(dB)
5	QPSK	1	0	23.46	23.57	23.52	24	0
5	QPSK	1	12	23.40	23.79	23.53		
5	QPSK	1	24	23.39	23.39	23.28		
5	QPSK	12	0	21.75	21.60	21.70	23	1
5	QPSK	12	7	21.85	21.68	21.80		
5	QPSK	12	13	21.76	21.68	21.73		
5	QPSK	25	0	21.88	21.65	21.70		
5	16QAM	1	0	22.28	21.68	22.40	23	1
5	16QAM	1	12	21.94	21.62	22.16		
5	16QAM	1	24	21.94	21.78	22.35		
5	16QAM	12	0	20.76	20.77	20.70	22	2
5	16QAM	12	7	20.84	20.86	20.83		
5	16QAM	12	13	20.86	20.85	20.78		
5	16QAM	25	0	20.83	20.67	20.80		
5	64QAM	1	0	21.13	21.08	21.12	22	2
5	64QAM	1	12	21.06	21.03	21.00		
5	64QAM	1	24	20.99	21.16	20.96		
5	64QAM	12	0	19.75	19.86	19.61	21	3
5	64QAM	12	7	19.72	19.75	19.84		
5	64QAM	12	13	19.75	19.95	19.79		
5	64QAM	25	0	19.90	19.81	19.82		
5	256QAM	1	0	18.79	18.81	18.76	19	5
5	256QAM	1	12	18.63	18.68	18.61		
5	256QAM	1	24	18.72	18.74	18.76		
5	256QAM	12	0	18.79	18.72	18.72	19	5
5	256QAM	12	7	18.69	18.62	18.64		
5	256QAM	12	13	18.69	18.72	18.70		
5	256QAM	25	0	18.71	18.79	18.80		

Band 14_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.67		23.5	0
10	QPSK	1	25		22.60			
10	QPSK	1	49		22.58			
10	QPSK	25	0		22.09		23	0.5
10	QPSK	25	12		21.95			
10	QPSK	25	25		22.02			
10	QPSK	50	0		21.95			
10	16QAM	1	0		22.20		23	0.5
10	16QAM	1	25		22.23			
10	16QAM	1	49		22.23			
10	16QAM	25	0		21.00		22	1.5
10	16QAM	25	12		21.00			
10	16QAM	25	25		21.11			
10	16QAM	50	0		20.94			
10	64QAM	1	0		21.07		22	1.5
10	64QAM	1	25		21.10			
10	64QAM	1	49		21.14			
10	64QAM	25	0		20.01		21	2.5
10	64QAM	25	12		20.02			
10	64QAM	25	25		20.15			
10	64QAM	50	0		20.04			
10	256QAM	1	0		17.85		19	4.5
10	256QAM	1	25		17.85			
10	256QAM	1	49		17.89			
10	256QAM	25	0		17.86		19	4.5
10	256QAM	25	12		17.92			
10	256QAM	25	25		18.11			
10	256QAM	50	0		17.93			
Channel				23305	23330	23355	Tune-up limit	MPR
Frequency (MHz)				790.5	793	795.5	(dBm)	(dB)
5	QPSK	1	0	22.51	22.49	22.48	23.5	0
5	QPSK	1	12	22.52	22.58	22.49		
5	QPSK	1	24	22.54	22.56	22.49		
5	QPSK	12	0	21.87	21.89	21.85	23	0.5
5	QPSK	12	7	22.01	22.06	21.97		
5	QPSK	12	13	21.98	22.08	22.04		
5	QPSK	25	0	22.04	21.90	21.88		
5	16QAM	1	0	22.26	22.17	22.18	23	0.5
5	16QAM	1	12	22.23	22.23	22.27		
5	16QAM	1	24	22.28	22.25	22.25		
5	16QAM	12	0	20.94	20.91	20.85	22	1.5
5	16QAM	12	7	21.14	21.05	21.03		
5	16QAM	12	13	21.10	21.10	21.07		
5	16QAM	25	0	21.00	20.90	20.90		
5	64QAM	1	0	21.05	21.07	21.05	22	1.5
5	64QAM	1	12	21.07	21.07	21.13		
5	64QAM	1	24	21.18	21.10	21.11		
5	64QAM	12	0	19.95	19.96	19.92	21	2.5
5	64QAM	12	7	20.13	20.07	20.05		
5	64QAM	12	13	20.04	20.06	20.09		
5	64QAM	25	0	20.05	19.87	19.96		
5	256QAM	1	0	17.99	17.90	17.91	19	4.5
5	256QAM	1	12	18.04	17.87	17.87		
5	256QAM	1	24	18.05	17.89	18.08		
5	256QAM	12	0	17.88	17.97	17.93	19	4.5
5	256QAM	12	7	17.92	17.77	17.90		
5	256QAM	12	13	18.00	18.08	18.01		
5	256QAM	25	0	17.86	17.96	17.92		

Band 14_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.70			
10	QPSK	1	49		22.66			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.78			
10	QPSK	25	25		21.81			
10	QPSK	50	0		21.71			
10	16QAM	1	0		22.02		23	1
10	16QAM	1	25		21.98			
10	16QAM	1	49		22.04			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.85			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.80		22	2
10	64QAM	1	25		20.86			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.78		21	3
10	64QAM	25	12		19.82			
10	64QAM	25	25		19.88			
10	64QAM	50	0		19.79			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.90			
10	256QAM	25	0		17.86		19	5
10	256QAM	25	12		17.87			
10	256QAM	25	25		17.78			
10	256QAM	50	0		17.76			
Channel				23305	23330	23355	Tune-up limit	MPR
Frequency (MHz)				790.5	793	795.5	(dBm)	(dB)
5	QPSK	1	0	22.69	22.66	22.63	24	0
5	QPSK	1	12	22.67	22.70	22.64		
5	QPSK	1	24	22.68	22.67	22.66		
5	QPSK	12	0	21.70	21.65	21.66	23	1
5	QPSK	12	7	21.84	21.84	21.76		
5	QPSK	12	13	21.83	21.83	21.79		
5	QPSK	25	0	21.79	21.70	21.69		
5	16QAM	1	0	22.04	21.90	21.98	23	1
5	16QAM	1	12	22.05	22.00	21.97		
5	16QAM	1	24	21.98	22.05	21.95		
5	16QAM	12	0	20.70	20.66	20.69	22	2
5	16QAM	12	7	20.84	20.80	20.73		
5	16QAM	12	13	20.87	20.83	20.83		
5	16QAM	25	0	20.81	20.69	20.72		
5	64QAM	1	0	20.82	20.81	20.84	22	2
5	64QAM	1	12	20.86	20.88	20.85		
5	64QAM	1	24	20.96	20.91	20.93		
5	64QAM	12	0	19.71	19.68	19.71	21	3
5	64QAM	12	7	19.91	19.88	19.75		
5	64QAM	12	13	19.87	19.84	19.86		
5	64QAM	25	0	19.85	19.72	19.74		
5	256QAM	1	0	17.76	17.83	17.76	19	5
5	256QAM	1	12	17.83	17.80	17.77		
5	256QAM	1	24	17.79	17.81	17.88		
5	256QAM	12	0	17.90	17.76	17.88	19	5
5	256QAM	12	7	17.79	17.85	17.84		
5	256QAM	12	13	17.78	17.77	17.80		
5	256QAM	25	0	17.76	17.89	17.89		

Band 17_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.95	23.18	22.96	24	0
10	QPSK	1	25	22.94	22.95	22.92		
10	QPSK	1	49	22.97	22.92	22.95		
10	QPSK	25	0	22.13	22.15	22.11	23	1
10	QPSK	25	12	22.11	22.02	22.08		
10	QPSK	25	25	22.09	22.10	22.09		
10	QPSK	50	0	22.02	22.07	22.02		
10	16QAM	1	0	22.32	22.17	22.22	23	1
10	16QAM	1	25	22.31	22.28	22.32		
10	16QAM	1	49	22.28	22.25	22.27		
10	16QAM	25	0	21.08	21.06	21.05	22	2
10	16QAM	25	12	21.20	21.11	21.13		
10	16QAM	25	25	21.11	21.12	21.10		
10	16QAM	50	0	21.04	21.06	21.04		
10	64QAM	1	0	21.15	21.08	21.13	22	2
10	64QAM	1	25	21.16	21.17	21.11		
10	64QAM	1	49	21.19	21.23	21.21		
10	64QAM	25	0	20.11	20.10	20.07	21	3
10	64QAM	25	12	20.17	20.13	20.13		
10	64QAM	25	25	20.17	20.13	20.12		
10	64QAM	50	0	20.05	20.09	20.05		
10	256QAM	1	0	17.95	17.90	17.95	19	5
10	256QAM	1	25	17.96	17.96	17.97		
10	256QAM	1	49	17.97	18.03	17.98		
10	256QAM	25	0	18.06	17.89	17.93	19	5
10	256QAM	25	12	18.05	18.04	18.08		
10	256QAM	25	25	17.95	17.99	18.02		
10	256QAM	50	0	17.89	17.91	17.86		
Channel				23755	23790	23825	Tune-up limit	MPR
Frequency (MHz)				706.5	710	713.5	(dBm)	(dB)
5	QPSK	1	0	22.97	22.99	23.00	24	0
5	QPSK	1	12	22.86	22.96	22.98		
5	QPSK	1	24	22.92	22.97	22.95		
5	QPSK	12	0	22.06	22.08	22.05	23	1
5	QPSK	12	7	22.06	22.02	22.07		
5	QPSK	12	13	22.03	22.03	22.00		
5	QPSK	25	0	22.08	22.02	21.99		
5	16QAM	1	0	22.34	22.33	22.36	23	1
5	16QAM	1	12	22.32	22.34	22.35		
5	16QAM	1	24	22.24	22.32	22.31		
5	16QAM	12	0	21.08	21.09	21.05	22	2
5	16QAM	12	7	21.13	21.05	21.07		
5	16QAM	12	13	21.04	21.08	21.01		
5	16QAM	25	0	21.10	21.08	21.01		
5	64QAM	1	0	21.25	21.19	21.14	22	2
5	64QAM	1	12	21.10	21.18	21.07		
5	64QAM	1	24	21.13	21.19	21.14		
5	64QAM	12	0	20.08	20.12	20.09	21	3
5	64QAM	12	7	20.13	20.09	20.13		
5	64QAM	12	13	20.05	20.07	20.06		
5	64QAM	25	0	20.11	20.07	19.99		
5	256QAM	1	0	17.90	17.89	17.96	19	5
5	256QAM	1	12	18.02	17.96	17.93		
5	256QAM	1	24	17.94	18.04	18.01		
5	256QAM	12	0	17.99	17.89	17.95	19	5
5	256QAM	12	7	18.00	17.99	18.06		
5	256QAM	12	13	17.98	17.92	17.92		
5	256QAM	25	0	17.92	17.92	17.87		

Band 17_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.73	22.81	22.73	24	0
10	QPSK	1	25	22.66	22.72	22.68		
10	QPSK	1	49	22.61	22.71	22.63		
10	QPSK	25	0	21.82	21.87	21.84	23	1
10	QPSK	25	12	21.80	21.85	21.81		
10	QPSK	25	25	21.78	21.82	21.80		
10	QPSK	50	0	21.72	21.77	21.76		
10	16QAM	1	0	21.96	21.93	22.00	23	1
10	16QAM	1	25	21.96	22.06	22.02		
10	16QAM	1	49	22.01	22.10	22.05		
10	16QAM	25	0	20.79	20.81	20.80	22	2
10	16QAM	25	12	20.91	20.83	20.82		
10	16QAM	25	25	20.89	20.89	20.85		
10	16QAM	50	0	20.77	20.80	20.77		
10	64QAM	1	0	20.87	20.79	20.91	22	2
10	64QAM	1	25	20.86	20.91	20.94		
10	64QAM	1	49	20.88	20.98	20.91		
10	64QAM	25	0	19.84	19.84	19.83	21	3
10	64QAM	25	12	19.95	19.87	19.84		
10	64QAM	25	25	19.88	19.90	19.84		
10	64QAM	50	0	19.76	19.80	19.77		
10	256QAM	1	0	17.85	17.89	17.98	19	5
10	256QAM	1	25	17.88	17.84	17.86		
10	256QAM	1	49	17.87	17.84	17.87		
10	256QAM	25	0	17.94	17.93	17.95	19	5
10	256QAM	25	12	17.89	17.86	17.88		
10	256QAM	25	25	17.96	17.92	17.84		
10	256QAM	50	0	17.96	17.96	17.90		
Channel				23755	23790	23825	Tune-up limit	MPR
Frequency (MHz)				706.5	710	713.5	(dBm)	(dB)
5	QPSK	1	0	22.71	22.74	22.76	24	0
5	QPSK	1	12	22.71	22.68	22.71		
5	QPSK	1	24	22.64	22.70	22.75		
5	QPSK	12	0	21.80	21.77	21.77	23	1
5	QPSK	12	7	21.82	21.76	21.80		
5	QPSK	12	13	21.75	21.78	21.75		
5	QPSK	25	0	21.82	21.76	21.74		
5	16QAM	1	0	22.12	22.15	22.06	23	1
5	16QAM	1	12	21.93	22.09	22.03		
5	16QAM	1	24	21.99	22.08	21.99		
5	16QAM	12	0	20.82	20.85	20.82	22	2
5	16QAM	12	7	20.80	20.77	20.82		
5	16QAM	12	13	20.76	20.80	20.77		
5	16QAM	25	0	20.83	20.78	20.76		
5	64QAM	1	0	20.89	20.95	20.93	22	2
5	64QAM	1	12	20.82	20.92	20.89		
5	64QAM	1	24	20.84	20.84	20.92		
5	64QAM	12	0	19.84	19.86	19.83	21	3
5	64QAM	12	7	19.86	19.83	19.87		
5	64QAM	12	13	19.79	19.82	19.80		
5	64QAM	25	0	19.84	19.80	19.76		
5	256QAM	1	0	17.92	17.89	17.96	19	5
5	256QAM	1	12	17.92	17.88	17.85		
5	256QAM	1	24	17.94	17.94	17.92		
5	256QAM	12	0	17.89	17.88	17.89	19	5
5	256QAM	12	7	17.91	17.89	17.86		
5	256QAM	12	13	17.89	17.89	17.88		
5	256QAM	25	0	17.98	17.92	17.84		

Band 25_Ant0

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				26041	26365	26689		
Frequency (MHz)				1851.5	1882.5	1913.5		
1.4	QPSK	1	0	19.42	19.47	19.40	20.0	0
1.4	QPSK	1	2	19.35	19.42	19.40		
1.4	QPSK	1	5	19.35	19.41	19.40	20.0	0
1.4	QPSK	3	0	19.38	19.41	19.40		
1.4	QPSK	3	2	19.38	19.41	19.40		
1.4	QPSK	3	3	19.38	19.41	19.40		
1.4	QPSK	6	0	19.42	19.41	19.40	20.0	0
1.4	16QAM	1	0	18.38	18.41	18.40		
1.4	16QAM	1	2	18.38	18.41	18.40		
1.4	16QAM	1	5	18.38	18.41	18.40		
1.4	16QAM	3	0	18.38	18.41	18.40	20.0	0
1.4	16QAM	3	2	18.38	18.41	18.40		
1.4	16QAM	3	3	18.38	18.41	18.40		
1.4	16QAM	6	0	18.42	18.41	18.40	20.0	0
3	QPSK	1	0	19.38	19.41	19.40		
3	QPSK	1	7	19.38	19.41	19.40		
3	QPSK	1	14	19.38	19.41	19.40		
3	QPSK	8	0	19.42	19.41	19.40	20.0	0
3	16QAM	1	0	18.38	18.41	18.40		
3	16QAM	1	7	18.38	18.41	18.40		
3	16QAM	1	14	18.38	18.41	18.40		
3	16QAM	8	0	18.42	18.41	18.40	20.0	0
5	QPSK	1	0	19.38	19.41	19.40		
5	QPSK	1	12	19.38	19.41	19.40		
5	QPSK	1	24	19.38	19.41	19.40		
5	QPSK	12	0	19.42	19.41	19.40	20.0	0
5	16QAM	1	0	18.38	18.41	18.40		
5	16QAM	1	12	18.38	18.41	18.40		
5	16QAM	1	24	18.38	18.41	18.40		
5	16QAM	12	0	18.42	18.41	18.40	20.0	0
10	QPSK	1	0	19.38	19.41	19.40		
10	QPSK	1	25	19.38	19.41	19.40		
10	QPSK	1	49	19.38	19.41	19.40		
10	QPSK	25	0	19.42	19.41	19.40	20.0	0
10	16QAM	1	0	18.38	18.41	18.40		
10	16QAM	1	25	18.38	18.41	18.40		
10	16QAM	1	49	18.38	18.41	18.40		
10	16QAM	25	0	18.42	18.41	18.40	20.0	0
15	QPSK	1	0	19.38	19.41	19.40		
15	QPSK	1	37	19.38	19.41	19.40		
15	QPSK	1	74	19.38	19.41	19.40		
15	QPSK	36	0	19.42	19.41	19.40	20.0	0
15	16QAM	1	0	18.38	18.41	18.40		
15	16QAM	1	37	18.38	18.41	18.40		
15	16QAM	1	74	18.38	18.41	18.40		
15	16QAM	36	0	18.42	18.41	18.40	20.0	0
20	QPSK	1	0	19.38	19.41	19.40		
20	QPSK	1	49	19.38	19.41	19.40		
20	QPSK	1	99	19.38	19.41	19.40		
20	QPSK	50	0	19.42	19.41	19.40	20.0	0
20	16QAM	1	0	18.38	18.41	18.40		
20	16QAM	1	49	18.38	18.41	18.40		
20	16QAM	1	99	18.38	18.41	18.40		
20	16QAM	50	0	18.42	18.41	18.40	20.0	0
Channel				26047	26365	26683		
Frequency (MHz)				1852.1	1882.5	1912.9		
1.4	QPSK	1	0	19.42	19.47	19.40	20.0	0
1.4	QPSK	1	2	19.35	19.42	19.40		
1.4	QPSK	1	5	19.35	19.41	19.40	20.0	0
1.4	QPSK	3	0	19.38	19.41	19.40		
1.4	QPSK	3	2	19.38	19.41	19.40		
1.4	QPSK	3	3	19.38	19.41	19.40		
1.4	QPSK	6	0	19.42	19.41	19.40	20.0	0
1.4	16QAM	1	0	18.38	18.41	18.40		
1.4	16QAM	1	2	18.38	18.41	18.40		
1.4	16QAM	1	5	18.38	18.41	18.40		
1.4	16QAM	3	0	18.38	18.41	18.40	20.0	0
1.4	16QAM	3	2	18.38	18.41	18.40		
1.4	16QAM	3	3	18.38	18.41	18.40		
1.4	16QAM	6	0	18.42	18.41	18.40	20.0	0
3	QPSK	1	0	19.38	19.41	19.40		
3	QPSK	1	7	19.38	19.41	19.40		
3	QPSK	1	14	19.38	19.41	19.40		
3	QPSK	8	0	19.42	19.41	19.40	20.0	0
3	16QAM	1	0	18.38	18.41	18.40		
3	16QAM	1	7	18.38	18.41	18.40		
3	16QAM	1	14	18.38	18.41	18.40		
3	16QAM	8	0	18.42	18.41	18.40	20.0	0
5	QPSK	1	0	19.38	19.41	19.40		
5	QPSK	1	12	19.38	19.41	19.40		
5	QPSK	1	24	19.38	19.41	19.40		
5	QPSK	12	0	19.42	19.41	19.40	20.0	0
5	16QAM	1	0	18.38	18.41	18.40		
5	16QAM	1	12	18.38	18.41	18.40		
5	16QAM	1	24	18.38	18.41	18.40		
5	16QAM	12	0	18.42	18.41	18.40	20.0	0
10	QPSK	1	0	19.38	19.41	19.40		
10	QPSK	1	25	19.38	19.41	19.40		
10	QPSK	1	49	19.38	19.41	19.40		
10	QPSK	25	0	19.42	19.41	19.40	20.0	0
10	16QAM	1	0	18.38	18.41	18.40		
10	16QAM	1	25	18.38	18.41	18.40		
10	16QAM	1	49	18.38	18.41	18.40		
10	16QAM	25	0	18.42	18.41	18.40	20.0	0
15	QPSK	1	0	19.38	19.41	19.40		
15	QPSK	1	37	19.38	19.41	19.40		
15	QPSK	1	74	19.38	19.41	19.40		
15	QPSK	36	0	19.42	19.41	19.40	20.0	0
15	16QAM	1	0	18.38	18.41	18.40		
15	16QAM	1	37	18.38	18.41	18.40		
15	16QAM	1	74	18.38	18.41	18.40		
15	16QAM	36	0	18.42	18.41	18.40	20.0	0
20	QPSK	1	0	19.38	19.41	19.40		
20	QPSK	1	49	19.38	19.41	19.40		
20	QPSK	1	99	19.38	19.41	19.40		
20	QPSK	50	0	19.42	19.41	19.40	20.0	0
20	16QAM	1	0	18.38	18.41	18.40		
20	16QAM	1	49	18.38	18.41	18.40		
20	16QAM	1	99	18.38	18.41	18.40		
20	16QAM	50	0	18.42	18.41	18.40	20.0	0
Channel				26055	26365	26675		
Frequency (MHz)				1853.5	1882.5	1911.5		
1.4	QPSK	1	0	19.42	19.47	19.40	20.0	0
1.4	QPSK	1	2	19.35	19.42	19.40		
1.4	QPSK	1	5	19.35	19.41	19.40	20.0	0
1.4	QPSK	3	0	19.38	19.41	19.40		
1.4	QPSK	3	2	19.38	19.41	19.40		
1.4	QPSK	3	3	19.38	19.41	19.40		
1.4	QPSK	6	0	19.42	19.41	19.40	20.0	0
1.4	16QAM	1	0	18.38	18.41	18.40		
1.4	16QAM	1	2	18.38	18.41	18.40		
1.4	16QAM	1	5	18.38	18.41	18.40		
1.4	16QAM	3	0	18.38	18.41	18.40	20.0	0
1.4	16QAM	3	2	18.38	18.41	18.40		
1.4	16QAM	3	3	18.38	18.41	18.40		
1.4	16QAM	6	0	18.42	18.41	18.40	20.0	0
3	QPSK	1	0	19.38	19.41	19.40		
3	QPSK	1	7	19.38	19.41	19.40		
3	QPSK	1	14	19.38	19.41	19.40		
3	QPSK	8	0	19.42	19.41	19.40	20.0	0
3	16QAM	1	0	18.38	18.41	18.40		
3	16QAM	1	7	18.38	18.41	18.40		
3	16QAM	1	14	18.38	18.41	18.40		
3	16QAM	8	0	18.42	18.41	18.40	20.0	0
5	QPSK	1	0	19.38	19.41	19.40		
5	QPSK	1	12	19.38	19.41	19.40		
5	QPSK	1	24	19.38	19.41	19.40		
5	QPSK	12	0	19.42	19.41	19.40	20.0	0
5	16QAM	1	0	18.38	18.41	18.40		
5	16QAM	1	12	18.38	18.41	18.40		
5	16QAM	1	24	18.38	18.41	18.40		
5	16QAM	12	0	18.42	18.41	18.40	20.0	0
10	QPSK	1	0	19.38	19.41	19.40		
10	QPSK	1	25	19.38	19.41	19.40		
10	QPSK	1	49	19.38	19.41	19.40		
10	QPSK	25	0	19.42	19.41	19.40	20.0	0
10	16QAM	1	0	18.38	18.41	18.40		
10	16QAM	1	25	18.38	18.41	18.40		
10	16QAM	1	49	18.38	18.41	18.40		
10	16QAM	25	0	18.42	18.41	18.40	20.0	0
15	QPSK	1	0	19.38	19.41	19.40		
15	QPSK	1	37	19.38	19.41	19.40		
15	QPSK	1	74	19.38	19.41	19.40		
15	QPSK	36	0	19.42	19.41	19.40	20.0	0
15	16QAM	1	0	18.38	18.41	18.40		
15	16QAM	1	37	18.38	18.41	18.40		
15	16QAM	1	74	18.38	18.41	18.40		
15	16QAM	36	0	18.42	18.41	18.40	20.0	0
20	QPSK	1	0	19.38	19.41	19.40		
20	QPSK	1	49	19.38	19.41	19.40		
20	QPSK	1	99	19.38	19.41	19.40		
20	QPSK	50	0	19.42	19.41	19.40	20.0	0
20	16QAM	1	0	18.38	18.41	18.40		
20	16QAM	1	49	18.38	18.41	18.40		
20	16QAM	1	99	18.38	18.41	18.40		
20	16QAM	50	0	18.42	18.41	18.40	20.0	0

Band 25_Ant4

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				26041	26365	26689		
Frequency (MHz)				1851.5	1882.5	1913.5		
1.4	QPSK	1	0	19.42	19.47	19.40	20.0	0
1.4	QPSK	1	2	19.35	19.42	19.40		
1.4	QPSK	1	5	19.35	19.41	19.40	20.0	0
1.4	QPSK	3	0	19.38	19.41	19.40		
1.4	QPSK	3	2	19.38	19.41	19.40		
1.4	QPSK	3	3	19.38	19.41	19.40		
1.4	QPSK	6	0	19.42	19.41	19.40	20.0	0
1.4	16QAM	1	0	18.38	18.41	18.40		
1.4	16QAM	1	2	18.38	18.41	18.40		
1.4	16QAM	1	5	18.38	18.41	18.40		
1.4	16QAM	3	0	18.38	18.41	18.40	20.0	0
1.4	16QAM	3	2	18.38	18.41	18.40		
1.4	16QAM	3	3	18.38	18.41	18.40		
1.4	16QAM	6	0	18.42	18.41	18.40	20.0	0
3	QPSK	1	0	19.38	19.41	19.40		
3	QPSK	1	7	19.38	19.41	19.40		
3	QPSK	1	14	19.38	19.41	19.40		
3	QPSK	8	0	19.42	19.41	19.40	20.0	0
3	16QAM	1	0	18.38	18.41	18.40		
3	16QAM	1	7	18.38	18.41	18.40		
3	16QAM	1	14	18.38	18.41	18.40		
3	16QAM	8	0	18.42	18.41	18.40	20.0	0
5	QPSK	1	0	19.38	19.41	19.40		
5	QPSK	1	12	19.38	19.41	19.40		
5	QPSK	1	24	19.38	19.41	19.40		
5	QPSK	12	0	19.42	19.41	19.40	20.0	0
5	16QAM	1	0	18.38	18.41	18.40		
5	16QAM	1	12	18.38	18.41	18.40		
5	16QAM	1	24	18.38	18.41	18.40		
5	16QAM	12	0	18.42	18.41	18.40	20.0	0
10	QPSK	1	0	19.38	19.41	19.40		
10	QPSK	1	25	19.38	19.41	19.40		
10	QPSK	1	49	19.38	19.41	19.40		
10	QPSK	25	0	19.42	19.41	19.40	20.0	0
10	16QAM	1	0	18.38	18.41	18.40		
10	16QAM	1	25	18.38	18.41	18.40		
10	16QAM	1	49	18.38	18.41	18.40		
10	16QAM	25	0	18.42	18.41	18.40	20.0	0
15	QPSK	1	0	19.38	19.41	19.40		
15	QPSK	1	37	19.38	19.41	19.40		
15	QPSK	1	74	19.38	19.41	19.40		
15	QPSK	36	0	19.42	19.41	19.40	20.0	0
15	16QAM	1	0	18.38	18.41	18.40		
15	16QAM	1	37	18.38	18.41	18.40		
15	16QAM	1	74	18.38	18.41	18.40		
15	16QAM	36	0	18.42	18.41	18.40	20.0	0
20	QPSK	1	0	19.38	19.41	19.40		
20	QPSK	1	49	19.38	19.41	19.40		
20	QPSK	1	99	19.38	19.41	19.40		
20	QPSK	50	0	19.42	19.41	19.40	20.0	0
20	16QAM	1	0	18.38	18.41	18.40		
20	16QAM	1	49	18.38	18.41	18.40		
20	16QAM	1	99	18.38	18.41	18.40		
20	16QAM	50	0	18.42	18.41	18.40	20.0	0
Channel				26047	26365	26683		
Frequency (MHz)				1852.1	1882.5	1912.9		
1.4	QPSK	1	0	19.42	19.47	19.40	20.0	0
1.4	QPSK	1	2	19.35	19.42	19.40		
1.4	QPSK	1	5	19.35	19.41	19.40	20.0	0
1.4	QPSK	3	0	19.38	19.41	19.40		
1.4	QPSK	3	2	19.38	19.41	19.40		
1.4	QPSK	3	3	19.38	19.41	19.40		
1.4	QPSK	6	0	19.42	19.41	19.40	20.0	0
1.4	16QAM	1	0	18.38	18.41	18.40		
1.4	16QAM	1	2	18.38	18.41	18.40		
1.4	16QAM	1	5	18.38	18.41	18.40		
1.4	16QAM	3	0	18.38	18.41	18.40	20.0	0
1.4	16QAM	3	2	18.38	18.41	18.40		
1.4	16QAM	3	3	18.38	18.41	18.40		
1.4	16QAM	6	0	18.42	18.41	18.40	20.0	0
3	QPSK	1	0	19.38	19.41	19.40		
3	QPSK	1	7	19.38	19.41	19.40		
3	QPSK	1	14	19.38	19.41	19.40		
3	QPSK	8	0	19.42	19.41	19.40	20.0	0
3	16QAM	1	0	18.38	18.41	18.40		
3	16QAM	1	7	18.38	18.41	18.40		
3	16QAM	1	14	18.38	18.41	18.40		
3	16QAM	8	0	18.42	18.41	18.40	20.0	0
5	QPSK	1	0	19.38	19.41	19.40		
5	QPSK	1	12	19.38	19.41	19.40		
5	QPSK	1	24	19.38	19.41	19.40		
5	QPSK	12	0	19.42	19.41	19.40	20.0	0
5	16QAM	1	0	18.38	18.41	18.40		
5	16QAM	1	12	18.38	18.41	18.40		
5	16QAM	1	24	18.38	18.41	18.40		
5	16QAM	12	0	18.42	18.41	18.40	20.0	0
10	QPSK	1	0	19.38	19.41	19.40		
10	QPSK	1	25	19.38	19.41	19.40		
10	QPSK	1	49	19.38	19.41	19.40		
10	QPSK	25	0	19.42	19.41	19.40	20.0	0
10	16QAM	1	0	18.38	18.41	18.40		
10	16QAM	1	25	18.38	18.41	18.40		
10	16QAM	1	49	18.38	18.41	18.40		
10	16QAM	25	0	18.42	18.41	18.40	20.0	0
15	QPSK	1	0	19.38	19.41	19.40		
15	QPSK	1	37	19.38	19.41	19.40		
15	QPSK	1	74	19.38	19.41	19.40		
15	QPSK	36	0	19.42	19.41	19.40	20.0	0
15	16QAM	1	0	18.38	18.41	18.40		
15	16QAM	1	37	18.38	18.41	18.40		
15	16QAM	1	74	18.38	18.41	18.40		
15	16QAM	36	0	18.42	18.41	18.40	20.0	0
20	QPSK	1	0	19.38	19.41	19.40		
20	QPSK	1	49	19.38	19.41	19.40		
20	QPSK	1	99	19.38	19.41	19.40		
20	QPSK	50	0	19.42	19.41	19.40	20.0	0
20	16QAM	1	0	18.38	18.41	18.40		
20	16QAM	1	49	18.38	18.41	18.40		
20	16QAM	1	99	18.38	18.41	18.40		
20	16QAM	50	0	18.42	18.41	18.40	20.0	0
Channel				26055	26365	26675		
Frequency (MHz)				1853.5	1882.5	1911.5		
1.4	QPSK	1	0	19.42	19.47	19.40	20.0	0
1.4	QPSK	1	2	19.35	19.42	19.40		
1.4	QPSK	1	5	19.35	19.41	19.40	20.0	0
1.4	QPSK	3	0	19.38	19.41	19.40		
1.4	QPSK	3	2	19.38	19.41	19.40		
1.4	QPSK	3	3	19.38	19.41	19.40		
1.4	QPSK	6	0	19.42	19.41	19.40	20.0	0
1.4	16QAM	1	0	18.38	18.41	18.40		
1.4	16QAM	1	2	18.38	18.41	18.40		
1.4	16QAM	1	5	18.38	18.41	18.40		
1.4	16QAM	3	0	18.38	18.41	18.40	20.0	0
1.4	16QAM	3	2	18.38	18.41	18.40		
1.4	16QAM	3	3	18.38	18.41	18.40		
1.4	16QAM	6	0	18.42	18.41	18.40	20.0	0
3	QPSK	1	0	19.38	19.41	19.40		
3	QPSK	1	7	19.38	19.41	19.40		
3	QPSK	1	14	19.38	19.41	19.40		
3	QPSK	8	0	19.42	19.41	19.40	20.0	0
3	16QAM	1	0	18.38	18.41	18.40		
3	16QAM	1	7	18.38	18.41	18.40		
3	16QAM	1	14	18.38	18.41	18.40		
3	16QAM	8	0	18.42	18.41	18.40	20.0	0
5	QPSK	1	0	19.38	19.41	19.40		
5	QPSK	1	12	19.38	19.41	19.40		
5	QPSK	1	24	19.38	19.41	19.40		
5	QPSK	12	0	19.42	19.41	19.40	20.0	0
5	16QAM	1	0	18.38	18.41	18.40		
5	16QAM	1	12	18.38	18.41	18.40		
5	16QAM	1	24	18.38	18.41	18.40		
5	16QAM	12	0	18.42	18.41	18.40	20.0	0
10	QPSK	1	0	19.38	19.41	19.40		
10	QPSK	1	25	19.38	19.41	19.40		
10	QPSK	1	49	19.38	19.41	19.40		
10	QPSK	25	0	19.42	19.41	19.40	20.0	0
10	16QAM	1	0	18.38	18.41	18.40		
10	16QAM	1	25	18.38	18.41	18.40		
10	16QAM	1	49	18.38	18.41	18.40		
10	16QAM	25	0	18.42	18.41	18.40	20.0	0
15	QPSK	1	0	19.38	19.41	19.40		
15	QPSK	1	37	19.38	19.41	19.40		
15	QPSK	1	74	19.38	19.41	19.40		
15	QPSK	36	0	19.42	19.41	19.40	20.0	0
15	16QAM	1	0	18.38	18.41	18.40		
15	16QAM	1	37	18.38	18.41	18.40		
15	16QAM	1	74	18.38	18.41	18.40		
15	16QAM	36	0	18.42	18.41	18.40	20.0	0
20	QPSK	1	0	19.38	19.41	19.40		
20	QPSK	1	49	19.38	19.41	19.40		
20	QPSK	1	99	19.38	19.41	19.40		
20	QPSK	50	0	19.42	19.41	19.40	20.0	0
20	16QAM	1	0	18.38	18.41	18.40		
20	16QAM	1	49	18.38	18.41	18.40		
20	16QAM	1	99	18.38	18.41	18.40		
20	16QAM	50	0	18.42	18.41	18.40	20.0	0

Band 26_Ant0

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				26771	26915	27059		
Frequency (MHz)				814.1	829.5	844.9		
1.4	QPSK	1	0	22.46	22.60	22.58	23.0	0
1.4	QPSK	1	2	22.46	22.60	22.58		
1.4	QPSK	1	5	22.46	22.60	22.58	23	0.3
1.4	QPSK	3	0	22.46	22.60	22.58		
1.4	QPSK	3	2	22.46	22.60	22.58		
1.4	QPSK	3	3	22.46	22.60	22.58		
1.4	QPSK	6	0	22.46	22.60	22.58	23	0.3
1.4	16QAM	1	0	21.46	21.60	21.58		
1.4	16QAM	1	2	21.46	21.60	21.58		
1.4	16QAM	1	5	21.46	21.60	21.58		
1.4	16QAM	3	0	21.46	21.60	21.58	22	1.3
1.4	16QAM	3	2	21.46	21.60	21.58		
1.4	16QAM	3	3	21.46	21.60	21.58		
1.4	16QAM	6	0	21.46	21.60	21.58	22	1.3
3	QPSK	1	0	22.46	22.60	22.58		
3	QPSK	1	7	22.46	22.60	22.58		
3	QPSK	1	14	22.46	22.60	22.58		
3	QPSK	8	0	22.46	22.60	22.58	23	0.3
3	16QAM	1	0	21.46	21.60	21.58		
3	16QAM	1	7	21.46	21.60	21.58		
3	16QAM	1	14	21.46	21.60	21.58		
3	16QAM	8	0	21.46	21.60	21.58	22	1.3
5	QPSK	1	0	22.46	22.60	22.58		
5	QPSK	1	12	22.46	22.60	22.58		
5	QPSK	1	24	22.46	22.60	22.58		
5	QPSK	12	0	22.46	22.60	22.58	23	0.3
5	16QAM	1	0	21.46	21.60	21.58		
5	16QAM	1	12	21.46	21.60	21.58		
5	16QAM	1	24	21.46	21.60	21.58		
5	16QAM	12	0	21.46	21.60	21.58	22	1.3
10	QPSK	1	0	22.46	22.60	22.58		
10	QPSK	1	25	22.46	22.60	22.58		
10	QPSK	1	49	22.46	22.60	22.58		
10	QPSK	25	0	22.46	22.60	22.58	23	0.3
10	16QAM	1	0	21.46	21.60	21.58		
10	16QAM	1	25	21.46	21.60	21.58		
10	16QAM	1	49	21.

Band 26_Ant4

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				26705	26841	26977		
Frequency (MHz)				814.5	828.1	841.7		
5	QPSK	1	0	22.42	22.41	22.40	24	0
5	QPSK	1	12	22.42	22.41	22.40		
5	QPSK	1	24	22.42	22.41	22.40		
5	QPSK	12	0	21.42	21.41	21.40	23	1
5	QPSK	12	12	21.42	21.41	21.40		
5	QPSK	12	13	21.42	21.41	21.40		
5	QPSK	25	0	21.42	21.41	21.40	23	1
5	16QAM	1	0	21.37	21.36	21.35		
5	16QAM	1	12	21.37	21.36	21.35		
5	16QAM	1	24	21.37	21.36	21.35		
5	16QAM	12	0	20.66	20.61	20.60	22	2
5	16QAM	12	12	20.66	20.61	20.60		
5	16QAM	12	13	20.66	20.61	20.60		
5	16QAM	25	0	20.66	20.61	20.60	22	2
5	64QAM	1	0	18.42	18.42	18.39	21	3
5	64QAM	1	12	18.42	18.42	18.39		
5	64QAM	1	24	18.42	18.42	18.39		
5	64QAM	12	0	17.67	17.67	17.66	19	5
5	64QAM	12	12	17.67	17.67	17.66		
5	64QAM	12	13	17.67	17.67	17.66		
5	64QAM	25	0	17.67	17.67	17.66	19	5
Channel				26690	26826	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				813	826.6	843		
5	QPSK	1	0	22.48	22.48	22.42	24	0
5	QPSK	1	12	22.48	22.48	22.42		
5	QPSK	1	24	22.48	22.48	22.42		
5	QPSK	12	0	21.74	21.67	21.70	23	1
5	QPSK	12	12	21.74	21.67	21.70		
5	QPSK	12	13	21.74	21.67	21.70		
5	QPSK	25	0	21.65	21.59	21.58	23	1
5	16QAM	1	0	20.67	20.70	20.62	22	2
5	16QAM	1	12	20.67	20.70	20.62		
5	16QAM	1	24	20.67	20.70	20.62		
5	16QAM	12	0	19.92	19.92	19.92	22	2
5	16QAM	12	12	19.92	19.92	19.92		
5	16QAM	12	13	19.92	19.92	19.92		
5	16QAM	25	0	19.92	19.92	19.92	22	2
5	64QAM	1	0	18.72	18.72	18.69	21	3
5	64QAM	1	12	18.72	18.72	18.69		
5	64QAM	1	24	18.72	18.72	18.69		
5	64QAM	12	0	17.97	17.97	17.96	19	5
5	64QAM	12	12	17.97	17.97	17.96		
5	64QAM	12	13	17.97	17.97	17.96		
5	64QAM	25	0	17.97	17.97	17.96	19	5
Channel				26665	26801	26965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				810.5	824.1	840.5		
5	QPSK	1	0	22.48	22.47	22.46	24	0
5	QPSK	1	12	22.48	22.47	22.46		
5	QPSK	1	24	22.48	22.47	22.46		
5	QPSK	12	0	21.75	21.74	21.73	23	1
5	QPSK	12	12	21.75	21.74	21.73		
5	QPSK	12	13	21.75	21.74	21.73		
5	QPSK	25	0	21.65	21.64	21.63	23	1
5	16QAM	1	0	20.65	20.71	20.62	22	2
5	16QAM	1	12	20.65	20.71	20.62		
5	16QAM	1	24	20.65	20.71	20.62		
5	16QAM	12	0	19.92	19.92	19.92	22	2
5	16QAM	12	12	19.92	19.92	19.92		
5	16QAM	12	13	19.92	19.92	19.92		
5	16QAM	25	0	19.92	19.92	19.92	22	2
5	64QAM	1	0	18.72	18.72	18.69	21	3
5	64QAM	1	12	18.72	18.72	18.69		
5	64QAM	1	24	18.72	18.72	18.69		
5	64QAM	12	0	17.97	17.97	17.96	19	5
5	64QAM	12	12	17.97	17.97	17.96		
5	64QAM	12	13	17.97	17.97	17.96		
5	64QAM	25	0	17.97	17.97	17.96	19	5
Channel				26640	26776	26940	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				807.5	821.1	837.5		
5	QPSK	1	0	22.48	22.48	22.48	24	0
5	QPSK	1	12	22.48	22.48	22.48		
5	QPSK	1	24	22.48	22.48	22.48		
5	QPSK	12	0	21.75	21.75	21.75	23	1
5	QPSK	12	12	21.75	21.75	21.75		
5	QPSK	12	13	21.75	21.75	21.75		
5	QPSK	25	0	21.65	21.65	21.65	23	1
5	16QAM	1	0	20.67	20.72	20.62	22	2
5	16QAM	1	12	20.67	20.72	20.62		
5	16QAM	1	24	20.67	20.72	20.62		
5	16QAM	12	0	19.92	19.92	19.92	22	2
5	16QAM	12	12	19.92	19.92	19.92		
5	16QAM	12	13	19.92	19.92	19.92		
5	16QAM	25	0	19.92	19.92	19.92	22	2
5	64QAM	1	0	18.72	18.72	18.69	21	3
5	64QAM	1	12	18.72	18.72	18.69		
5	64QAM	1	24	18.72	18.72	18.69		
5	64QAM	12	0	17.97	17.97	17.96	19	5
5	64QAM	12	12	17.97	17.97	17.96		
5	64QAM	12	13	17.97	17.97	17.96		
5	64QAM	25	0	17.97	17.97	17.96	19	5

Band 30_Ant1

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel					27685			
Frequency (MHz)					2310			
5	QPSK	1	0		18.42		20	0
5	QPSK	1	12		18.42			
5	QPSK	1	24		18.42			
5	QPSK	12	0		18.42		20	0
5	QPSK	12	12		18.42			
5	QPSK	12	13		18.42			
5	QPSK	25	0		18.42		20	0
5	16QAM	1	0		18.38			
5	16QAM	1	12		18.38			
5	16QAM	1	24		18.38			
5	16QAM	12	0		18.38		20	0
5	16QAM	12	12		18.38			
5	16QAM	12	13		18.38			
5	16QAM	25	0		18.38		20	0
5	64QAM	1	0		18.38			
5	64QAM	1	12		18.38			
5	64QAM	1	24		18.38			
5	64QAM	12	0		18.38		19	1
5	64QAM	12	12		18.38			
5	64QAM	12	13		18.38			
5	64QAM	25	0		18.38		19	1
Channel				27660	27810	27990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2312.5	2317.5		
5	QPSK	1	0	18.48	18.48	18.48	20	0
5	QPSK	1	12	18.48	18.48	18.48		
5	QPSK	1	24	18.48	18.48	18.48		
5	QPSK	12	0	18.42	18.42	18.38	20	0
5	QPSK	12	12	18.42	18.42	18.38		
5	QPSK	12	13	18.42	18.42	18.38		
5	QPSK	25	0	18.42	18.42	18.38	20	0
5	16QAM	1	0	18.38	18.38	18.38		
5	16QAM	1	12	18.38	18.38	18.38		
5	16QAM	1	24	18.38	18.38	18.38		
5	16QAM	12	0	18.38	18.38	18.38	20	0
5	16QAM	12	12	18.38	18.38	18.38		
5	16QAM	12	13	18.38	18.38	18.38		
5	16QAM	25	0	18.38	18.38	18.38	20	0
5	64QAM	1	0	18.38	18.38	18.38		
5	64QAM	1	12	18.38	18.38	18.38		
5	64QAM	1	24	18.38	18.38	18.38		
5	64QAM	12	0	18.38	18.38	18.38	19	1
5	64QAM	12	12	18.38	18.38	18.38		
5	64QAM	12	13	18.38	18.38	18.38		
5	64QAM	25	0	18.38	18.38	18.38	19	1

Band 30_Ant4(ENDC)

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel					27685			
Frequency (MHz)					2310			
5	QPSK	1	0		18.42		17	0
5	QPSK	1	12		18.42			
5	QPSK	1	24		18.42			
5	QPSK	12	0		18.42		17	0
5	QPSK	12	12		18.42			
5	QPSK	12	13		18.42			
5	QPSK	25	0		18.42		17	0
5	16QAM	1	0		18.38			
5	16QAM	1	12		18.38			
5	16QAM	1	24		18.38			
5	16QAM	12	0		18.38		17	0
5	16QAM	12	12		18.38			
5	16QAM	12	13		18.38			
5	16QAM	25	0		18.38		17	0
5	64QAM	1	0		18.38			
5	64QAM	1	12		18.38			
5	64QAM	1	24		18.38			
5	64QAM	12	0		18.38		17	0
5	64QAM	12	12		18.38			
5	64QAM	12	13		18.38			
5	64QAM	25	0		18.38		17	0
Channel				27660	27810	27990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2312.5	2317.5		
5	QPSK	1	0	18.48	18.48	18.48	17	0
5	QPSK	1	12	18.48	18.48	18.48		
5	QPSK	1	24	18.48	18.48	18.48		
5	QPSK	12	0	18.42	18.42	18.38	17	0
5	QPSK	12	12	18.42	18.42	18.38		
5	QPSK	12	13	18.42	18.42	18.38		
5	QPSK	25	0	18.42	18.42	18.38	17	0
5	16QAM	1	0	18.38	18.38	18.38		
5	16QAM	1	12	18.38	18.38	18.38		
5	16QAM	1	24	18.38	18.38	18.38		
5	16QAM	12	0	18.38	18.38	18.38	17	0
5	16QAM	12	12	18.38	18.38	18.38		
5	16QAM	12	13	18.38	18.38	18.38		
5	16QAM	25	0	18.38	18.38	18.38	17	0
5	64QAM	1	0	18.38	18.38	18.38		
5	64QAM	1	12	18.38	18.38	18.38		
5	64QAM	1	24	18.38	18.38	18.38		
5	64QAM	12	0	18.38	18.38	18.38	17	0
5	64QAM	12	12	18.38	18.38	18.38		
5	64QAM	12	13	18.38	18.38	18.38		
5	64QAM	25	0	18.38	18.38	18.38	17	0

Band 66_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132072	132172		
Frequency (MHz)				1712.4	1722.4	1732.4		
1.4	QPSK	1	0	20.93	20.97	20.93	21.0	0
1.4	QPSK	1	3	20.93	20.97	20.93		
1.4	QPSK	1	5	20.93	20.97	20.93		
1.4	QPSK	3	0	20.93	20.97	20.93	21.0	0
1.4	QPSK	3	2	20.93	20.97	20.93		
1.4	QPSK	3	3	20.93	20.97	20.93		
1.4	QPSK	6	0	20.92	20.92	20.93	21.0	0
1.4	QPSK	6	1	20.92	20.92	20.93		
1.4	QPSK	6	3	20.92	20.92	20.93		
1.4	16-QAM	1	0	20.93	20.96	20.93	21.0	0
1.4	16-QAM	1	3	20.93	20.96	20.93		
1.4	16-QAM	1	5	20.93	20.96	20.93		
1.4	16-QAM	3	0	20.93	20.96	20.93	21.0	0
1.4	16-QAM	3	2	20.93	20.96	20.93		
1.4	16-QAM	3	3	20.93	20.96	20.93		
1.4	16-QAM	6	0	20.92	20.92	20.93	21.0	0
1.4	16-QAM	6	1	20.92	20.92	20.93		
1.4	16-QAM	6	3	20.92	20.92	20.93		
3	QPSK	1	0	20.93	20.97	20.93	21.0	0
3	QPSK	1	7	20.93	20.97	20.93		
3	QPSK	1	14	20.93	20.97	20.93		
3	QPSK	8	0	20.93	20.97	20.93	21.0	0
3	QPSK	8	4	20.93	20.97	20.93		
3	QPSK	8	7	20.93	20.97	20.93		
3	QPSK	15	0	20.92	20.92	20.93	21.0	0
3	QPSK	15	7	20.92	20.92	20.93		
3	QPSK	15	8	20.92	20.92	20.93		
3	16-QAM	1	0	20.93	20.96	20.93	21.0	0
3	16-QAM	1	7	20.93	20.96	20.93		
3	16-QAM	1	14	20.93	20.96	20.93		
3	16-QAM	8	0	20.93	20.96	20.93	21.0	0
3	16-QAM	8	4	20.93	20.96	20.93		
3	16-QAM	8	7	20.93	20.96	20.93		
3	16-QAM	15	0	20.92	20.92	20.93	21.0	0
3	16-QAM	15	7	20.92	20.92	20.93		
3	16-QAM	15	8	20.92	20.92	20.93		
5	QPSK	1	0	20.93	20.97	20.93	21.0	0
5	QPSK	1	12	20.93	20.97	20.93		
5	QPSK	1	24	20.93	20.97	20.93		
5	QPSK	12	0	20.93	20.97	20.93	21.0	0
5	QPSK	12	6	20.93	20.97	20.93		
5	QPSK	12	13	20.93	20.97	20.93		
5	QPSK	25	0	20.92	20.92	20.93	21.0	0
5	QPSK	25	12	20.92	20.92	20.93		
5	QPSK	25	13	20.92	20.92	20.93		
5	16-QAM	1	0	20.93	20.96	20.93	21.0	0
5	16-QAM	1	12	20.93	20.96	20.93		
5	16-QAM	1	24	20.93	20.96	20.93		
5	16-QAM	12	0	20.93	20.96	20.93	21.0	0
5	16-QAM	12	6	20.93	20.96	20.93		
5	16-QAM	12	13	20.93	20.96	20.93		
5	16-QAM	25	0	20.92	20.92	20.93	21.0	0
5	16-QAM	25	12	20.92	20.92	20.93		
5	16-QAM	25	13	20.92	20.92	20.93		
10	QPSK	1	0	20.93	20.97	20.93	21.0	0
10	QPSK	1	25	20.93	20.97	20.93		
10	QPSK	1	49	20.93	20.97	20.93		
10	QPSK	25	0	20.93	20.97	20.93	21.0	0
10	QPSK	25	12	20.93	20.97	20.93		
10	QPSK	25	25	20.93	20.97	20.93		
10	QPSK	50	0	20.92	20.92	20.93	21.0	0
10	QPSK	50	25	20.92	20.92	20.93		
10	QPSK	50	26	20.92	20.92	20.93		
10	16-QAM	1	0	20.93	20.96	20.93	21.0	0
10	16-QAM	1	25	20.93	20.96	20.93		
10	16-QAM	1	49	20.93	20.96	20.93		
10	16-QAM	25	0	20.93	20.96	20.93	21.0	0
10	16-QAM	25	12	20.93	20.96	20.93		
10	16-QAM	25	25	20.93	20.96	20.93		
10	16-QAM	50	0	20.92	20.92	20.93	21.0	0
10	16-QAM	50	25	20.92	20.92	20.93		
10	16-QAM	50	26	20.92	20.92	20.93		
15	QPSK	1	0	20.93	20.97	20.93	21.0	0
15	QPSK	1	37	20.93	20.97	20.93		
15	QPSK	1	74	20.93	20.97	20.93		
15	QPSK	36	0	20.93	20.97	20.93	21.0	0
15	QPSK	36	18	20.93	20.97	20.93		
15	QPSK	36	39	20.93	20.97	20.93		
15	QPSK	75	0	20.92	20.92	20.93	21.0	0
15	QPSK	75	37	20.92	20.92	20.93		
15	QPSK	75	38	20.92	20.92	20.93		
15	16-QAM	1	0	20.93	20.96	20.93	21.0	0
15	16-QAM	1	37	20.93	20.96	20.93		
15	16-QAM	1	74	20.93	20.96	20.93		
15	16-QAM	36	0	20.93	20.96	20.93	21.0	0
15	16-QAM	36	18	20.93	20.96	20.93		
15	16-QAM	36	39	20.93	20.96	20.93		
15	16-QAM	75	0	20.92	20.92	20.93	21.0	0
15	16-QAM	75	37	20.92	20.92	20.93		
15	16-QAM	75	38	20.92	20.92	20.93		
20	QPSK	1	0	20.93	20.97	20.93	21.0	0
20	QPSK	1	49	20.93	20.97	20.93		
20	QPSK	1	99	20.93	20.97	20.93		
20	QPSK	50	0	20.93	20.97	20.93	21.0	0
20	QPSK	50	25	20.93	20.97	20.93		
20	QPSK	50	50	20.93	20.97	20.93		
20	QPSK	100	0	20.92	20.92	20.93	21.0	0
20	QPSK	100	50	20.92	20.92	20.93		
20	QPSK	100	51	20.92	20.92	20.93		
20	16-QAM	1	0	20.93	20.96	20.93	21.0	0
20	16-QAM	1	49	20.93	20.96	20.93		
20	16-QAM	1	99	20.93	20.96	20.93		
20	16-QAM	50	0	20.93	20.96	20.93	21.0	0
20	16-QAM	50	25	20.93	20.96	20.93		
20	16-QAM	50	50	20.93	20.96	20.93		
20	16-QAM	100	0	20.92	20.92	20.93	21.0	0
20	16-QAM	100	50	20.92	20.92	20.93		
20	16-QAM	100	51	20.92	20.92	20.93		

Band 66_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132072	132172		
Frequency (MHz)				1712.4	1722.4	1732.4		
1.4	QPSK	1	0	20.93	20.97	20.93	21.0	0
1.4	QPSK	1	3	20.93	20.97	20.93		
1.4	QPSK	1	5	20.93	20.97	20.93		
1.4	QPSK	3	0	20.93	20.97	20.93	21.0	0
1.4	QPSK	3	2	20.93	20.97	20.93		
1.4	QPSK	3	3	20.93	20.97	20.93		
1.4	QPSK	6	0	20.92	20.92	20.93	21.0	0
1.4	QPSK	6	1	20.92	20.92	20.93		
1.4	QPSK	6	3	20.92	20.92	20.93		
1.4	16-QAM	1	0	20.93	20.96	20.93	21.0	0
1.4	16-QAM	1	3	20.93	20.96	20.93		
1.4	16-QAM	1	5	20.93	20.96	20.93		
1.4	16-QAM	3	0	20.93	20.96	20.93	21.0	0
1.4	16-QAM	3	2	20.93	20.96	20.93		
1.4	16-QAM	3	3	20.93	20.96	20.93		
1.4	16-QAM	6	0	20.92	20.92	20.93	21.0	0
1.4	16-QAM	6	1	20.92	20.92	20.93		
1.4	16-QAM	6	3	20.92	20.92	20.93		
3	QPSK	1	0	20.93	20.97	20.93	21.0	0
3	QPSK	1	7	20.93	20.97	20.93		
3	QPSK	1	14	20.93	20.97	20.93		
3	QPSK	8	0	20.93	20.97	20.93	21.0	0
3	QPSK	8	4	20.93	20.97	20.93		
3	QPSK	8	7	20.93	20.97	20.93		
3	QPSK	15	0	20.92	20.92	20.93	21.0	0
3	QPSK	15	7	20.92	20.92	20.93		
3	QPSK	15	8	20.92	20.92	20.93		
3	16-QAM	1	0	20.93	20.96	20.93	21.0	0
3	16-QAM	1	7	20.93	20.96	20.93		
3	16-QAM	1	14	20.93	20.96	20.93		
3	16-QAM	8	0	20.93	20.96	20.93	21.0	0
3	16-QAM	8	4	20.93	20.96	20.93		
3	16-QAM	8	7	20.93	20.96	20.93		
3	16-QAM	15	0	20.92	20.92	20.93	21.0	0
3	16-QAM	15	7	20.92	20.92	20.93		
3	16-QAM	15	8	20.92	20.92	20.93		
5	QPSK	1	0	20.93	20.97	20.93	21.0	0
5	QPSK	1	12	20.93	20.97	20.93		
5	QPSK	1	24	20.93	20.97	20.93		
5	QPSK	12	0	20.93	20.97	20.93	21.0	0
5	QPSK	12	6	20.93	20.97	20.93		
5	QPSK	12	13	20.93	20.97	20.93		
5	QPSK	25	0	20.92	20.92	20.93	21.0	0
5	QPSK	25	12	20.92	20.92	20.93		
5	QPSK	25	13	20.92	20.92	20.93		
5	16-QAM	1	0	20.93	20.96	20.93	21.0	0
5	16-QAM	1	12	20.93	20.96	20.93		
5	16-QAM	1	24	20.93	20.96	20.93		
5	16-QAM	12	0	20.93	20.96	20.93	21.0	0
5	16-QAM	12	6	20.93	20.96	20.93		
5	16-QAM	12	13	20.93	20.96	20.93		
5	16-QAM	25	0	20.92	20.92	20.93	21.0	0
5	16-QAM	25	12	20.92	20.92	20.93		
5	16-QAM	25	13	20.92	20.92	20.93		
10	QPSK	1	0	20.93	20.97	20.93	21.0	0
10	QPSK	1	25	20.93	20.97	20.93		
10	QPSK	1	49	20.93	20.97	20.93		
10	QPSK	25	0	20.93	20.97	20.93	21.0	0
10	QPSK	25	12	20.93	20.97	20.93		
10	QPSK	25	25	20.93	20.97	20.93		
10	QPSK	50	0	20.92	20.92	20.93	21.0	0
10	QPSK	50	25	20.92	20.92	20.93		
10	QPSK	50	26	20.92	20.92	20.93		
10	16-QAM	1	0	20.93	20.96	20.93	21.0	0
10	16-QAM	1	25	20.93	20.96	20.93		
10	16-QAM	1	49	20.93	20.96	20.93		
10	16-QAM	25	0	20.93	20.96	20.93	21.0	0
10	16-QAM	25	12	20.93	20.96	20.93		
10	16-QAM	25	25	20.93	20.96	20.93		
10	16-QAM	50	0	20.92	20.92	20.93	21.0	0
10	16-QAM	50	25	20.92	20.92	20.93		
10	16-QAM	50	26	20.92	20.92	20.93		
15	QPSK	1	0	20.93	20.97	20.93	21.0	0
15	QPSK	1	37	20.93	20.97	20.93		
15	QPSK	1	74	20.93	20.97	20.93		
15	QPSK	36	0	20.93	20.97	20.93	21.0	0
15	QPSK	36	18	20.93	20.97	20.93		
15	QPSK	36	39	20.93	20.97	20.93		
15	QPSK	75	0	20.92	20.92	20.93	21.0	0
15	QPSK	75	37	20.92	20.92	20.93		
15	QPSK	75	38	20.92	20.92	20.93		
15	16-QAM	1	0	20.93	20.96	20.93	21.0	0
15	16-QAM	1	37	20.93	20.96	20.93		
15	16-QAM	1	74	20.93	20.96	20.93		
15	16-QAM	36	0	20.93	20.96	20.93	21.0	0
15	16-QAM	36	18	20.93	20.96	20.93		
15	16-QAM	36	39	20.93	20.96	20.93		
15	16-QAM	75	0	20.92	20.92	20.93	21.0	0
15	16-QAM	75	37	20.92	20.92	20.93		
15	16-QAM	75	38	20.92	20.92	20.93		
20	QPSK	1	0	20.93	20.97	20.93	21.0	0
20	QPSK	1	49	20.93	20.97	20.93		
20	QPSK	1	99	20.93	20.97	20.93		
20	QPSK	50	0	20.93	20.97	20.93	21.0	0
20	QPSK	50	25	20.93	20.97	20.93		
20	QPSK	50	50	20.93	20.97	20.93		
20	QPSK	100	0	20.92	20.92	20.93	21.0	0
20	QPSK	100	50	20.92	20.92	20.93		
20	QPSK	100	51	20.92	20.92	20.93		
20	16-QAM	1	0	20.93	20.96	20.93	21.0	0
20	16-QAM	1	49	20.93	20.96	20.93		
20	16-QAM	1	99	20.93	20.96	20.93		
20	16-QAM	50	0	20.93	20.96	20.93	21.0	0
20	16-QAM	50	25	20.93	20.96	20.93		
20	16-QAM	50	50	20.93	20.96	20.93		
20	16-QAM	100	0	20.92	20.92	20.93	21.0	0
20	16-QAM	100	50	20.92	20.92	20.93		
20	16-QAM	100	51	20.92	20.92	20.93		

Band 71_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				133297	133447	133597		
Frequency (MHz)				663.5	680.5	697.5		
1.4	QPSK	1	0	22.95	22.97	22.95	23	0
1.4	QPSK	1	3	22.95	22.97	22.95		
1.4	QPSK	1	5	22.95	22.97	22.95		
1.4	QPSK	3	0	22.95	22.97	22.95	23	1
1.4	QPSK	3	2	22.95	22.97	22.95		
1.4	QPSK	3	3	22.95	22.97	22.95		
1.4	QPSK	6	0	22.95	22.97	22.95	23	1
1.4	QPSK	6	1	22.95	22.97	22.95		
1.4	QPSK	6	3	22.95	22.97	22.95		
1.4	16-QAM	1	0	22.95	22.96	22.95	22	2
1.4	16-QAM	1	3	22.95	22.96	22.95		
1.4	16-QAM	1	5	22.95	22.96	22.95		
1.4	16-QAM	3	0	22.95	22.96	22.95	22	2
1.4	16-QAM	3	2	22.95	22.96	22.95		
1.4	16-QAM	3	3	22.95	22.96	22.95		
1.4	16-QAM	6	0	22.95	22.96	22.95	22	2
1.4	16-QAM	6	1	22.95	22.96	22.95		
1.4	16-QAM	6	3	22.95	22.96	22.95		
3	QPSK	1	0	22.95	22.97	22.95	23	0
3	QPSK	1	7	22.95	22.97	22.95		
3	QPSK	1	14	22.95	22.97	22.95		
3	QPSK	8	0	22.95	22.97	22.95	23	1
3	QPSK	8	4	22.95	22.97	22.95		
3	QPSK	8	7	22.95	22.97	22.95		
3	QPSK	15	0	22.95	22.97	22.95	23	1
3	QPSK	15	7	22.95	22.97	22.95		
3	QPSK	15	8	22.95	22.97	22.95		
3	16-QAM	1	0	22.95	22.96	22.95	22	2
3	16-QAM	1	7	22.95	22.96	22.95		
3	16-QAM	1	14	22.95	22.96	22.95		
3	16-QAM	8	0	22.95	22.96	22.95	22	2
3	16-QAM	8	4	22.95	22.96	22.95		
3	16-QAM	8	7	22.95	22.96	22.95		
3	16-QAM	15	0	22.95	22.96	22.95	22	2
3	16-QAM	15	7	22.95	22.96	22.95		
3	16-QAM	15	8	22.95	22.96	22.95		
5	QPSK	1	0	22.95	22.97	22.95	23	0
5	QPSK	1	12	22.95	22.97	22.95		
5	QPSK	1	24	22.95	22.97	22.95		
5	QPSK	12	0	22.95	22.97	22.95	23	1
5	QPSK	12	6	22.95	22.97	22.95		
5	QPSK	12	13	22.95	22.97	22.95		
5	QPSK	25	0	22.95	22.97	22.95	23	1
5	QPSK	25	12	22.95	22.97	22.95		
5	QPSK	25	13	22.95	22.97	22.95		
5	16-QAM	1	0	22.95	22.96	22.95	22	2
5	16-QAM	1	12	22.95	22.96	22.95		
5	16-QAM	1	24	22.95	22.96	22.95		
5	16-QAM	12	0	22.95	22.96	22.95	22	2
5	16-QAM	12	6	22.95	22.96	22.95		
5	16-QAM	12	13	22.95	22.96	22.95		
5	16-QAM	25	0	22.95	22.96	22.95	22	2
5	16-QAM	25	12	22.95	22.96	22.95		
5	16-QAM	25	13	22.95	22.96	22.95		
10	QPSK	1	0	22.95	22.97	22.95	23	0
10	QPSK	1	25	22.95	22.97	22.95		
10	QPSK	1	49	22.95	22.97	22.95		
10	QPSK	25	0	22.95	22.97	22.95	23	1
10	QPSK	25	12	22.95	22.97	22.95		
10	QPSK	25	25	22.95	22.97	22.95		
10	QPSK	50	0	22.95	22.97	22.95	23	1
10	QPSK	50	25	22.95	22.97	22.95		
10	QPSK	50	26	22.95	22.97	22.95		
10	16-QAM	1	0	22.95	22.96	22.95	22	2
10	16-QAM	1	25	22.95	22.96	22.95		
10	16-QAM	1	49	22.95	22.96	22.95		
10	16-QAM	25	0	22.95	22.96	22.95	22	2
10	16-QAM	25	12	22.95	22.96	22.95		
10	16-QAM	25	25	22.95	22.96	22.95		
10	16-QAM	50	0	22.95	22.96	22.95	22	2
10	16-QAM	50	25	22.95	22.96	22.95		
10	16-QAM	50	26	22.95	22.96	22.95		
15	QPSK	1	0	22.95	22.97	22.95	23	0
15	QPSK	1	37	22.95	22.97	22.95		
15	QPSK	1	74	22.95	22.97	22.95		
15	QPSK	36	0	22.95	22.97	22.95	23	1
15	QPSK	36	18	22.95	22.97	22.95		
15	QPSK	36	39	22.95	22.97	22.95		
15	QPSK	75	0	22.95	22.97	22.95	23	1
15	QPSK	75	37	22.95	22.97	22.95		
15	QPSK	75	38	22.95	22.97	22.95		
15	16-QAM	1	0	22.95	22.96	22.95	22	2
15	16-QAM	1	37	22.95	22.96	22.95		
15	16-QAM	1	74	22.95	22.96	22.95		
15	16-QAM	36	0	22.95	22.96	22.95	22	2
15	16-QAM	36	18	22.95	22.96	22.95		
15	16-QAM	36	39	22.95	22.96	22.95		
15	16-QAM	75	0	22.95	22.96	22.95	22	2
15	16-QAM	75	37	22.95	22.96	22.95		
15	16-QAM	75	38	22.95	22.96	22.95		
20	QPSK	1	0	22.95	22.97	22.95	23	0
20	QPSK	1	49	22.95	22.97	22.95		
20	QPSK	1	99	22.95	22.97	22.95		
20	QPSK	50	0	22.95	22.97	22.95	23	1
20	QPSK	50	25	22.95	22.97	22.95		
20	QPSK	50	50	22.95	22.97	22.95		
20	QPSK	100	0	22.95	22.97	22.95	23	1
20	QPSK	100	50	22.95	22.97	22.95		
20	QPSK	100	51	22.95	22.97	22.95		
20	16-QAM	1	0	22.95	22.96	22.95	22	2
20	16-QAM	1	49	22.95	22.96	22.95		
20	16-QAM	1	99	22.95	22.96	22.95		
20	16-QAM	50	0	22.95	22.96	22.95	22	2
20	16-QAM	50	25	22.95	22.96	22.95		
20	16-QAM	50	50	22.95	22.96	22.95		
20	16-QAM	100	0	22.95	22.96	22.95	22	2
20	16-QAM	100	50	22.95	22.96	22.95		
20	16-QAM	100	51	22.95	22.96	22.95		

Band 71_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				133297	133447	133597		
Frequency (MHz)				663.5	680.5	697.5		
1.4	QPSK	1	0	22.95	22.97	22.95	23	0
1.4	QPSK	1	3	22.95	22.97	22.95		
1.4	QPSK	1	5	22.95	22.97	22.95		
1.4	QPSK	3	0	22.95	22.97	22.95	23	1
1.4	QPSK	3	2	22.95	22.97	22.95		
1.4	QPSK	3	3	22.95	22.97	22.95		
1.4	QPSK	6	0	22.95	22.97	22.95	23	1
1.4	QPSK	6	1	22.95	22.97	22.95		
1.4	QPSK	6	3	22.95	22.97	22.95		
1.4	16-QAM	1	0	22.95	22.96	22.95	22	2
1.4	16-QAM	1	3	22.95	22.96	22.95		
1.4	16-QAM	1	5	22.95	22.96	22.95		
1.4	16-QAM	3	0	22.95	22.96	22.95	22	2
1.4	16-QAM	3	2	22.95	22.96	22.95		
1.4	16-QAM	3	3	22.95	22.96	22.95		
1.4	16-QAM	6	0	22.95	22.96	22.95	22	2
1.4	16-QAM	6	1	22.95	22.96	22.95		
1.4	16-QAM	6	3	22.95	22.96	22.95		
3	QPSK	1	0	22.95	22.97	22.95	23	0
3	QPSK	1	7	22.95	22.97	22.95		
3	QPSK	1	14	22.95	22.97	22.95		
3	QPSK	8	0	22.95	22.97	22.95	23	1
3	QPSK	8	4	22.95	22.97	22.95		
3	QPSK	8	7	22.95	22.97	22.95		
3	QPSK	15	0	22.95	22.97	22.95	23	1
3	QPSK	15	7	22.95	22.97	22.95		
3	QPSK	15	8	22.95	22.97	22.95		
3	16-QAM	1	0	22.95	22.96	22.95	22	2
3	16-QAM	1	7	22.95	22.96	22.95		
3	16-QAM	1	14	22.95	22.96	22.95		
3	16-QAM	8	0	22.95	22.96	22.95	22	2
3	16-QAM	8	4	22.95	22.96	22.95		
3	16-QAM	8	7	22.95	22.96	22.95		
3	16-QAM	15	0	22.95	22.96	22.95	22	2
3

Band 38_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2560	2595	2630		
20	QPSK	1	0	20.24	20.14	20.15	21.6	0
20	QPSK	1	49	20.20	20.16	20.16		
20	QPSK	1	99	20.18	20.10	20.09		
20	QPSK	50	0	20.17	19.98	19.99	21.6	0
20	QPSK	50	24	20.13	20.01	20.08		
20	QPSK	50	50	20.05	20.11	20.07		
20	QPSK	100	0	20.08	20.07	20.07		
20	16QAM	1	0	20.19	20.07	20.07	21.6	0
20	16QAM	1	49	20.20	20.11	20.15		
20	16QAM	1	99	20.12	19.98	20.08		
20	16QAM	50	0	20.11	19.91	19.93	21.6	0
20	16QAM	50	24	20.08	19.98	19.99		
20	16QAM	50	50	19.99	20.02	20.00		
20	16QAM	100	0	19.97	20.04	20.06		
20	64QAM	1	0	20.22	20.15	20.10	21.6	0
20	64QAM	1	49	20.13	20.11	20.10		
20	64QAM	1	99	20.13	20.06	20.07		
20	64QAM	50	0	19.92	19.96	19.94	21	0.6
20	64QAM	50	24	20.00	20.00	19.98		
20	64QAM	50	50	20.03	20.04	20.04		
20	64QAM	100	0	19.95	19.93	19.89		
20	256QAM	1	0	17.85	17.76	17.79	19	2.6
20	256QAM	1	49	17.96	17.78	17.81		
20	256QAM	1	99	17.91	17.90	17.96		
20	256QAM	50	0	17.71	17.82	17.82	19	2.6
20	256QAM	50	24	17.93	17.73	17.97		
20	256QAM	50	50	17.89	17.91	17.89		
20	256QAM	100	0	17.89	17.83	17.78		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.15	20.02	20.06	21.6	0
15	QPSK	1	37	20.21	20.07	20.16		
15	QPSK	1	74	20.09	19.99	20.03		
15	QPSK	36	0	20.12	19.90	19.94	21.6	0
15	QPSK	36	20	20.06	19.95	20.02		
15	QPSK	36	39	20.02	20.04	20.00		
15	QPSK	75	0	19.99	20.07	19.98		
15	16QAM	1	0	20.07	19.99	20.01	21.6	0
15	16QAM	1	37	20.17	20.04	20.10		
15	16QAM	1	74	20.06	19.97	20.03		
15	16QAM	36	0	20.05	19.85	19.92	21.6	0
15	16QAM	36	20	20.01	19.94	19.93		
15	16QAM	36	39	19.96	20.00	19.95		
15	16QAM	75	0	19.94	19.94	19.98		
15	64QAM	1	0	20.17	20.10	19.99	21.6	0
15	64QAM	1	37	20.03	20.04	20.02		
15	64QAM	1	74	20.09	20.00	20.03		
15	64QAM	36	0	19.88	19.87	19.92	21	0.6
15	64QAM	36	20	19.93	19.93	19.91		
15	64QAM	36	39	20.02	20.01	19.95		
15	64QAM	75	0	19.88	19.90	19.80		
15	256QAM	1	0	17.80	17.68	17.71	19	2.6
15	256QAM	1	37	17.87	17.70	17.70		
15	256QAM	1	74	17.87	17.88	17.89		
15	256QAM	36	0	17.60	17.76	17.80	19	2.6
15	256QAM	36	20	17.84	17.67	17.98		
15	256QAM	36	39	17.85	17.89	17.79		
15	256QAM	75	0	17.79	17.75	17.75		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.18	20.06	20.11	21.6	0
10	QPSK	1	25	20.17	20.08	20.12		
10	QPSK	1	49	20.13	19.99	20.00		
10	QPSK	25	0	20.14	19.95	19.88	21.6	0
10	QPSK	25	12	20.09	20.01	20.05		
10	QPSK	25	25	20.00	20.09	20.02		
10	QPSK	50	0	20.03	20.00	19.99		
10	16QAM	1	0	20.08	19.98	19.98	21.6	0
10	16QAM	1	25	20.10	20.08	20.11		
10	16QAM	1	49	20.02	19.87	20.02		
10	16QAM	25	0	20.05	19.89	19.84	21.6	0
10	16QAM	25	12	20.01	19.92	19.91		
10	16QAM	25	25	19.95	19.92	19.97		
10	16QAM	50	0	19.98	19.95	20.02		
10	64QAM	1	0	20.18	20.12	20.03	21.6	0
10	64QAM	1	25	20.09	20.09	20.02		
10	64QAM	1	49	20.07	19.95	20.07		
10	64QAM	25	0	19.88	19.81	19.90	21	0.6
10	64QAM	25	12	19.98	19.96	19.99		
10	64QAM	25	25	20.00	19.98	20.00		
10	64QAM	50	0	19.93	19.83	19.82		
10	256QAM	1	0	17.75	17.68	17.74	19	2.6
10	256QAM	1	25	17.89	17.72	17.75		
10	256QAM	1	49	17.80	17.78	17.91		
10	256QAM	25	0	17.72	17.79	17.76	19	2.6
10	256QAM	25	12	17.90	17.63	17.93		
10	256QAM	25	25	17.77	17.86	17.78		
10	256QAM	50	0	17.79	17.75	17.78		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.21	20.11	20.07	21.6	0
5	QPSK	1	12	20.13	20.10	20.09		
5	QPSK	1	24	20.12	20.01	20.06		
5	QPSK	12	0	20.05	19.90	19.93	21.6	0
5	QPSK	12	7	20.13	19.97	20.06		
5	QPSK	12	13	19.93	20.08	20.07		
5	QPSK	25	0	20.07	20.04	19.96		
5	16QAM	1	0	20.14	20.00	20.01	21.6	0
5	16QAM	1	12	20.09	20.06	20.14		
5	16QAM	1	24	20.13	19.91	20.04		
5	16QAM	12	0	20.03	19.87	19.89	21.6	0
5	16QAM	12	7	19.99	19.88	19.93		
5	16QAM	12	13	19.88	19.99	19.90		
5	16QAM	25	0	19.94	19.98	20.02		
5	64QAM	1	0	20.18	20.06	20.05	21.6	0
5	64QAM	1	12	20.12	20.06	20.02		
5	64QAM	1	24	20.05	20.03	20.01		
5	64QAM	12	0	19.81	19.89	19.88	21	0.6
5	64QAM	12	7	19.95	19.92	19.91		
5	64QAM	12	13	19.97	20.02	19.92		
5	64QAM	25	0	19.84	19.88	19.87		
5	256QAM	1	0	17.81	17.69	17.72	19	2.6
5	256QAM	1	12	17.88	17.72	17.79		
5	256QAM	1	24	17.86	17.87	17.94		
5	256QAM	12	0	17.60	17.77	17.77	19	2.6
5	256QAM	12	7	17.89	17.66	17.90		
5	256QAM	12	13	17.82	17.83	17.82		
5	256QAM	25	0	17.84	17.76	17.75		

Band 41_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.29	20.33	20.35	20.46	20.48	21.6	0
20	QPSK	1	49	19.97	20.29	20.14	20.14	20.36		
20	QPSK	1	99	20.21	20.40	20.30	20.41	20.36		
20	QPSK	50	0	20.16	20.17	20.27	20.31	20.41	21.6	0
20	QPSK	50	24	20.03	20.11	20.21	20.22	20.40		
20	QPSK	50	50	20.12	20.16	20.13	20.25	20.31		
20	QPSK	100	0	20.19	20.24	20.27	20.30	20.31		
20	16QAM	1	0	19.89	19.94	19.95	20.15	20.13	21.6	0
20	16QAM	1	49	19.86	19.99	19.94	20.10	20.07		
20	16QAM	1	99	19.87	19.98	20.05	20.12	20.13		
20	16QAM	50	0	19.88	19.98	19.95	20.06	20.14	21.6	0
20	16QAM	50	24	19.95	20.02	20.03	20.08	20.10		
20	16QAM	50	50	19.87	20.08	20.00	20.15	20.16		
20	16QAM	100	0	19.92	20.04	20.05	20.03	20.09		
20	64QAM	1	0	19.47	19.62	19.59	19.76	19.83	21.6	0
20	64QAM	1	49	19.60	19.65	19.64	19.77	19.77		
20	64QAM	1	99	19.59	19.64	19.73	19.86	19.84		
20	64QAM	50	0	19.85	19.99	19.93	20.10	20.14	21	0.6
20	64QAM	50	24	19.99	20.06	20.09	20.12	20.11		
20	64QAM	50	50	19.93	20.04	20.00	20.21	20.12		
20	64QAM	100	0	19.94	20.00	20.02	20.04	20.10		
20	256QAM	1	0	17.97	17.92	18.01	17.95	17.88	19	2.6
20	256QAM	1	49	17.58	17.66	17.78	17.62	17.69		
20	256QAM	1	99	17.75	17.73	17.76	17.67	17.71		
20	256QAM	50	0	18.04	18.04	18.13	18.04	18.02	19	2.6
20	256QAM	50	24	17.98	18.04	18.13	18.15	18.03		
20	256QAM	50	50	17.91	18.10	18.03	17.98	17.87		
20	256QAM	100	0	18.02	18.13	18.13	17.96	18.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.19	20.28	20.30	20.44	20.46	21.60	0
15	QPSK	1	37	19.95	20.26	20.09	20.12	20.35		
15	QPSK	1	74	20.18	20.31	20.24	20.36	20.29		
15	QPSK	36	0	20.05	20.15	20.21	20.29	20.30	21.6	0
15	QPSK	36	20	19.93	20.08	20.19	20.21	20.39		
15	QPSK	36	39	20.04	20.06	20.06	20.17	20.26		
15	QPSK	75	0	20.17	20.17	20.20	20.21	20.24		
15	16QAM	1	0	19.88	19.85	19.91	20.08	20.12	21.6	0
15	16QAM	1	37	19.83	19.87	19.91	20.05	19.96		
15	16QAM	1	74	19.76	19.90	19.94	20.00	20.10		
15	16QAM	36	0	19.82	19.88	19.90	20.02	20.08	21.6	0
15	16QAM	36	20	19.85	19.90	19.99	20.05	20.05		
15	16QAM	36	39	19.77	19.99	19.92	20.10	20.04		
15	16QAM	75	0	19.89	19.94	20.00	19.97	20.07		
15	64QAM	1	0	19.45	19.60	19.53	19.68	19.76	21.6	0
15	64QAM	1	37	19.58	19.63	19.63	19.72	19.67		
15	64QAM	1	74	19.55	19.55	19.67	19.78	19.81		
15	64QAM	36	0	19.77	19.88	19.84	20.00	20.08	21	0.6
15	64QAM	36	20	19.98	20.03	20.03	20.06	20.02		
15	64QAM	36	39	19.87	19.92	19.97	20.19	20.03		
15	64QAM	75	0	19.91	19.90	19.97	20.02	19.99		
15	256QAM	1	0	17.94	17.85	17.94	17.86	17.81	19	2.6
15	256QAM	1	37	17.47	17.58	17.74	17.61	17.67		
15	256QAM	1	74	17.63	17.63	17.68	17.60	17.65		
15	256QAM	36	0	18.03	17.98	18.01	17.99	17.97	19	2.6
15	256QAM	36	20	17.93	17.94	18.04	18.11	17.95		
15	256QAM	36	39	17.86	18.08	17.99	17.91	17.85		
15	256QAM	75	0	17.92	18.11	18.09	17.92	17.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.26	20.24	20.33	20.45	20.38	21.60	0
10	QPSK	1	25	19.85	20.23	20.12	20.10	20.26		
10	QPSK	1	49	20.15	20.28	20.20	20.29	20.27		
10	QPSK	25	0	20.04	20.08	20.18	20.23	20.29	21.6	0
10	QPSK	25	12	19.98	20.00	20.10	20.21	20.33		
10	QPSK	25	25	20.04	20.05	20.11	20.19	20.21		
10	QPSK	50	0	20.12	20.12	20.15	20.26	20.30		
10	16QAM	1	0	19.82	19.91	19.89	20.04	20.08	21.6	0
10	16QAM	1	25	19.81	19.92	19.93	20.09	19.98		
10	16QAM	1	49	19.76	19.96	20.04	20.00	20.03		
10	16QAM	25	0	19.87	19.87	19.87	20.00	20.11	21.6	0
10	16QAM	25	12	19.89	19.94	19.93	19.99	20.00		
10	16QAM	25	25	19.82	19.97	19.91	20.06	20.08		
10	16QAM	50	0	19.83	20.01	19.95	19.91	20.08		
10	64QAM	1	0	19.35	19.51	19.57	19.68	19.73	21.6	0
10	64QAM	1	25	19.53	19.64	19.52	19.65	19.69		
10	64QAM	1	49	19.56	19.53	19.72	19.81	19.78		
10	64QAM	25	0	19.83	19.97	19.92	20.02	20.11	21	0.6
10	64QAM	25	12	19.92	19.94	20.00	20.04	20.00		
10	64QAM	25	25	19.88	19.92	19.93	20.19	20.06		
10	64QAM	50	0	19.82	19.99	19.97	19.96	20.02		
10	256QAM	1	0	17.92	17.84	17.91	17.85	17.78	19	2.6
10	256QAM	1	25	17.51	17.59	17.66	17.56	17.68		
10	256QAM	1	49	17.63	17.66	17.72	17.64	17.61		
10	256QAM	25	0	17.96	18.01	18.05	17.95	18.01	19	2.6
10	256QAM	25	12	17.95	17.92	18.08	18.09	17.95		
10	256QAM	25	25	17.87	18.07	17.98	17.87	17.76		
10	256QAM	50	0	18.01	18.08	18.02	17.87	17.96		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.23	20.27	20.30	20.42	20.36	21.60	0
5	QPSK	1	12	19.96	20.19	20.05	20.06	20.33		
5	QPSK	1	24	20.09	20.39	20.22	20.29	20.25		
5	QPSK	12	0	20.15	20.15	20.15	20.19	20.37	21.6	0
5	QPSK	12	7	19.92	20.08	20.10	20.16	20.32		
5	QPSK	12	13	20.02	20.11	20.05	20.17	20.27		
5	QPSK	25	0	20.17	20.15	20.26	20.27	20.29		
5	16QAM	1	0	19.82	19.86	19.89	20.05	20.01	21.6	0
5	16QAM	1	12	19.75	19.97	19.93	20.08	19.96		
5	16QAM	1	24	19.84	19.89	19.95	20.07	20.06		
5	16QAM	12	0	19.78	19.88	19.91	20.02	20.06	21.6	0
5	16QAM	12	7	19.88	19.91	20.02	19.99	20.08		
5	16QAM	12	13	19.78	20.02	19.95	20.11	20.08		
5	16QAM	25	0	19.86	20.02	20.01	19.92	20.07		
5	64QAM	1	0	19.40	19.54	19.49	19.71	19.76	21.6	0
5	64QAM	1	12	19.51	19.64	19.58	19.66	19.73		
5	64QAM	1	24	19.56	19.62	19.68	19.83	19.82		
5	64QAM	12	0	19.74	19.87	19.84	20.07	20.12	21	0.6
5	64QAM	12	7	19.95	20.00	20.04	20.09	20.05		
5	64QAM	12	13	19.82	19.94	19.88	20.20	20.10		
5	64QAM	25	0	19.91	19.97	19.93	20.02	20.01		
5	256QAM	1	0	17.92	17.91	18.00	17.89	17.86	19	2.6
5	256QAM	1	12	17.54	17.61	17.70	17.59	17.64		
5	256QAM	1	24	17.72	17.61	17.65	17.61	17.70		
5	256QAM	12	0	17.93	17.93	18.04	17.97	17.93	19	2.6
5	256QAM	12	7	17.91	17.93	18.02	18.04	17.92		
5	256QAM	12	13	17.85	18.07	17.99	17.88	17.78		
5	256QAM	25	0	18.01	18.01	18.07	17.95	18.01		

Band 41_Ant1（HPUE）

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.83	21.91	22.03	22.05	22.21	23.2	0
20	QPSK	1	49	21.78	21.86	22.07	22.03	22.12		
20	QPSK	1	99	21.96	21.97	22.03	22.13	22.19		
20	QPSK	50	0	22.02	22.03	22.08	22.11	22.19	23.2	0
20	QPSK	50	24	21.71	21.75	22.00	21.98	22.05		
20	QPSK	50	50	21.78	21.83	22.04	21.99	22.12		
20	QPSK	100	0	22.09	22.05	22.09	22.02	22.10		
20	16QAM	1	0	21.69	21.79	21.91	21.88	22.09	23.2	0
20	16QAM	1	49	21.73	21.74	21.94	21.89	22.00		
20	16QAM	1	99	21.88	21.80	21.92	21.99	22.12		
20	16QAM	50	0	21.70	21.78	21.80	21.90	21.91	23.2	0
20	16QAM	50	24	21.79	21.83	21.91	21.90	21.92		
20	16QAM	50	50	21.73	21.86	21.85	21.94	21.99		
20	16QAM	100	0	21.83	21.93	21.87	21.88	21.96		
20	64QAM	1	0	22.62	22.75	22.80	22.91	22.87	23.2	0
20	64QAM	1	49	22.68	22.72	22.83	22.94	22.94		
20	64QAM	1	99	22.73	22.76	22.95	22.98	23.02		
20	64QAM	50	0	21.84	22.01	21.97	22.05	22.12	23.2	0
20	64QAM	50	24	21.97	22.11	22.11	22.16	22.13		
20	64QAM	50	50	21.99	22.06	22.14	22.14	22.13		
20	64QAM	100	0	22.07	22.15	22.07	22.07	22.11		
20	256QAM	1	0	20.62	20.62	20.84	20.73	20.76	22	1.2
20	256QAM	1	49	20.69	20.63	20.60	20.69	20.67		
20	256QAM	1	99	20.70	20.66	20.69	20.75	20.76		
20	256QAM	50	0	20.73	20.70	20.61	20.74	20.75	22	1.2
20	256QAM	50	24	20.72	20.67	20.64	20.73	20.69		
20	256QAM	50	50	20.58	20.61	20.73	20.73	20.67		
20	256QAM	100	0	20.72	20.67	20.76	20.77	20.65		
Channel				39775	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.82	21.81	21.91	21.93	22.20	23.20	0
15	QPSK	1	37	21.76	21.74	21.95	22.02	22.09		
15	QPSK	1	74	21.88	21.85	21.96	22.07	22.16		
15	QPSK	36	0	21.96	21.93	21.96	22.10	22.12	23.2	0
15	QPSK	36	20	21.69	21.65	21.91	21.93	22.00		
15	QPSK	36	39	21.75	21.75	21.92	21.88	22.05		
15	QPSK	75	0	22.05	21.94	21.98	21.99	22.06		
15	16QAM	1	0	21.63	21.74	21.89	21.87	22.02	23.2	0
15	16QAM	1	37	21.67	21.62	21.89	21.84	21.99		
15	16QAM	1	74	21.79	21.79	21.86	21.91	22.06		
15	16QAM	36	0	21.61	21.66	21.68	21.81	21.84	23.2	0
15	16QAM	36	20	21.67	21.88	21.84	21.87	21.81		
15	16QAM	36	39	21.64	21.84	21.78	21.89	21.89		
15	16QAM	75	0	21.76	21.83	21.82	21.81	21.84		
15	64QAM	1	0	22.60	22.74	22.70	22.83	22.78	23.2	0
15	64QAM	1	37	22.66	22.70	22.76	22.90	22.87		
15	64QAM	1	74	22.72	22.74	22.83	22.87	23.00		
15	64QAM	36	0	21.76	21.98	21.92	21.97	22.11	23.2	0
15	64QAM	36	20	21.90	22.06	21.99	22.10	22.08		
15	64QAM	36	39	21.94	21.99	22.08	22.07	22.12		
15	64QAM	75	0	22.00	22.14	22.01	22.03	22.00		
15	256QAM	1	0	20.54	20.53	20.73	20.67	20.66	22	1.2
15	256QAM	1	37	20.64	20.58	20.49	20.66	20.57		
15	256QAM	1	74	20.68	20.57	20.65	20.66	20.65		
15	256QAM	36	0	20.65	20.68	20.56	20.64	20.68	22	1.2
15	256QAM	36	20	20.66	20.60	20.58	20.62	20.60		
15	256QAM	36	39	20.55	20.60	20.68	20.66	20.63		
15	256QAM	75	0	20.63	20.60	20.74	20.71	20.58		
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.73	21.79	21.91	21.98	22.09	23.20	0
10	QPSK	1	25	21.67	21.78	21.95	21.99	22.10		
10	QPSK	1	49	21.91	21.94	21.91	22.08	22.09		
10	QPSK	25	0	22.01	22.00	22.05	21.99	22.15	23.2	0
10	QPSK	25	12	21.68	21.84	21.97	21.86	21.97		
10	QPSK	25	25	21.73	21.80	21.96	21.91	21.99		
10	QPSK	50	0	21.97	22.02	22.08	22.01	22.03		
10	16QAM	1	0	21.59	21.73	21.80	21.81	22.05	23.2	0
10	16QAM	1	25	21.70	21.66	21.89	21.83	21.93		
10	16QAM	1	49	21.78	21.79	21.85	21.92	22.11		
10	16QAM	25	0	21.58	21.66	21.78	21.80	21.82	23.2	0
10	16QAM	25	12	21.73	21.91	21.86	21.89	21.89		
10	16QAM	25	25	21.70	21.77	21.79	21.84	21.91		
10	16QAM	50	0	21.75	21.90	21.77	21.80	21.88		
10	64QAM	1	0	22.51	22.66	22.74	22.83	22.78	23.2	0
10	64QAM	1	25	22.56	22.60	22.77	22.92	22.93		
10	64QAM	1	49	22.61	22.65	22.83	22.95	22.90		
10	64QAM	25	0	21.81	21.90	21.91	22.02	22.08	23.2	0
10	64QAM	25	12	21.87	22.03	22.09	22.05	22.08		
10	64QAM	25	25	21.93	22.02	22.04	22.02	22.10		
10	64QAM	50	0	22.05	22.04	22.02	22.01	22.00		
10	256QAM	1	0	20.59	20.57	20.78	20.64	20.65	22	1.2
10	256QAM	1	25	20.67	20.58	20.48	20.61	20.63		
10	256QAM	1	49	20.67	20.58	20.61	20.63	20.72		
10	256QAM	25	0	20.62	20.61	20.57	20.71	20.73	22	1.2
10	256QAM	25	12	20.68	20.55	20.59	20.65	20.66		
10	256QAM	25	25	20.47	20.57	20.65	20.69	20.61		
10	256QAM	50	0	20.67	20.55	20.68	20.75	20.59		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.72	21.86	22.02	21.94	22.16	23.20	0
5	QPSK	1	12	21.66	21.85	22.02	21.94	22.00		
5	QPSK	1	24	21.83	21.88	21.93	22.08	22.09		
5	QPSK	12	0	21.95	21.97	22.01	22.04	22.08	23.2	0
5	QPSK	12	7	21.69	21.64	21.91	21.95	22.03		
5	QPSK	12	13	21.75	21.81	22.03	21.98	22.01		
5	QPSK	25	0	22.06	21.95	22.08	21.90	22.07		
5	16QAM	1	0	21.69	21.72	21.88	21.85	22.03	23.2	0
5	16QAM	1	12	21.65	21.73	21.85	21.84	21.99		
5	16QAM	1	24	21.86	21.68	21.89	21.93	22.09		
5	16QAM	12	0	21.66	21.67	21.79	21.78	21.90	23.2	0
5	16QAM	12	7	21.64	21.83	21.86	21.78	21.91		
5	16QAM	12	13	21.64	21.85	21.80	21.88	21.87		
5	16QAM	25	0	21.77	21.86	21.83	21.80	21.86		
5	64QAM	1	0	22.54	22.70	22.68	22.89	22.78	23.2	0
5	64QAM	1	12	22.59	22.61	22.75	22.86	22.83		
5	64QAM	1	24	22.67	22.65	22.93	22.89	22.93		
5	64QAM	12	0	21.72	21.94	21.86	22.01	22.10	23.2	0
5	64QAM	12	7	21.93	22.08	22.04	22.09	22.09		
5	64QAM	12	13	21.91	22.02	22.08	22.11	22.12		
5	64QAM	25	0	22.00	22.03	21.98	22.01	22.10		
5	256QAM	1	0	20.56	20.61	20.78	20.62	20.74	22	1.2
5	256QAM	1	12	20.67	20.51	20.59	20.58	20.55		
5	256QAM	1	24	20.64	20.55	20.60	20.66	20.68		
5	256QAM	12	0	20.70	20.58	20.58	20.70	20.68	22	1.2
5	256QAM	12	7	20.68	20.55	20.55	20.68	20.62		
5	256QAM	12	13	20.49	20.52	20.68	20.62	20.59		
5	256QAM	25	0	20.60	20.55	20.73	20.75	20.54		

Band 48_Ant5_For FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.25	22.13	22.20	22.14	24	0
20	QPSK	1	49	21.92	21.81	21.87	21.89		
20	QPSK	1	99	22.08	21.94	22.06	22.06		
20	QPSK	50	0	21.30	21.11	21.27	21.25	23	1
20	QPSK	50	24	21.18	21.10	21.12	21.11		
20	QPSK	50	50	21.28	21.11	21.18	21.20		
20	QPSK	100	0	21.17	21.08	21.15	21.13		
20	16QAM	1	0	21.10	20.97	21.07	21.07	23	1
20	16QAM	1	49	21.13	21.03	21.12	21.08		
20	16QAM	1	99	21.21	21.10	21.09	21.15		
20	16QAM	50	0	20.33	20.17	20.26	20.30	22	2
20	16QAM	50	24	20.28	20.11	20.19	20.23		
20	16QAM	50	50	20.28	20.11	20.23	20.20		
20	16QAM	100	0	20.25	20.14	20.13	20.15		
20	64QAM	1	0	19.76	19.64	19.70	19.69	22	2
20	64QAM	1	49	19.82	19.65	19.77	19.72		
20	64QAM	1	99	19.84	19.75	19.76	19.81		
20	64QAM	50	0	19.27	19.18	19.21	19.18	21	3
20	64QAM	50	24	19.28	19.15	19.17	19.16		
20	64QAM	50	50	19.27	19.16	19.22	19.16		
20	64QAM	100	0	19.19	19.11	19.12	19.17		
20	256QAM	1	0	17.11	17.02	16.99	17.01	19	5
20	256QAM	1	49	16.98	16.89	16.87	16.89		
20	256QAM	1	99	17.13	17.02	17.06	17.08		
20	256QAM	50	0	17.34	17.23	17.31	17.31	19	5
20	256QAM	50	24	17.31	17.14	17.21	17.27		
20	256QAM	50	50	17.33	17.20	17.28	17.27		
20	256QAM	100	0	17.34	17.15	17.27	17.29		
Channel				55315	55820	56180	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.23	21.85	22.13	21.93	24	0
15	QPSK	1	37	21.82	21.72	21.88	21.85		
15	QPSK	1	74	21.97	21.84	22.00	21.96		
15	QPSK	36	0	21.20	21.00	21.26	21.20	23	1
15	QPSK	36	20	21.12	21.09	21.00	21.05		
15	QPSK	36	39	21.23	21.06	21.07	21.15		
15	QPSK	75	0	21.16	21.04	21.04	21.04		
15	16QAM	1	0	21.03	20.91	20.99	21.06	23	1
15	16QAM	1	37	21.06	20.94	21.08	20.99		
15	16QAM	1	74	21.10	21.06	21.07	21.12		
15	16QAM	36	0	20.27	20.06	20.17	20.26	22	2
15	16QAM	36	20	20.24	20.04	20.13	20.16		
15	16QAM	36	39	20.23	19.99	20.13	20.11		
15	16QAM	75	0	20.17	20.03	20.11	20.05		
15	64QAM	1	0	19.74	19.52	19.67	19.64	22	2
15	64QAM	1	37	19.72	19.53	19.71	19.61		
15	64QAM	1	74	19.82	19.70	19.74	19.76		
15	64QAM	36	0	19.18	19.09	19.13	19.10	21	3
15	64QAM	36	20	19.21	19.12	19.16	19.11		
15	64QAM	36	39	19.23	19.06	19.14	19.09		
15	64QAM	75	0	19.15	19.03	19.05	19.15		
15	256QAM	1	0	17.06	16.97	16.88	16.96	19	5
15	256QAM	1	37	16.87	16.82	16.75	16.80		
15	256QAM	1	74	17.09	16.94	17.02	17.07		
15	256QAM	36	0	17.32	17.19	17.19	17.29	19	5
15	256QAM	36	20	17.26	17.10	17.19	17.16		
15	256QAM	36	39	17.26	17.09	17.25	17.24		
15	256QAM	75	0	17.31	17.10	17.20	17.18		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.21	21.88	22.08	21.97	24	0
10	QPSK	1	25	21.88	21.74	21.86	21.83		
10	QPSK	1	49	21.99	21.88	22.01	21.96		
10	QPSK	25	0	21.21	21.10	21.19	21.22	23	1
10	QPSK	25	12	21.13	21.02	21.04	21.09		
10	QPSK	25	25	21.16	20.99	21.17	21.17		
10	QPSK	50	0	21.08	21.00	21.01	21.04		
10	16QAM	1	0	21.03	20.93	20.95	21.02	23	1
10	16QAM	1	25	21.01	20.95	21.08	21.06		
10	16QAM	1	49	21.18	21.08	21.02	21.09		
10	16QAM	25	0	20.26	20.16	20.17	20.26	22	2
10	16QAM	25	12	20.17	20.08	20.15	20.21		
10	16QAM	25	25	20.21	20.00	20.19	20.19		
10	16QAM	50	0	20.15	20.02	20.04	20.09		
10	64QAM	1	0	19.70	19.53	19.64	19.68	22	2
10	64QAM	1	25	19.72	19.58	19.68	19.61		
10	64QAM	1	49	19.75	19.67	19.73	19.71		
10	64QAM	25	0	19.23	19.08	19.11	19.06	21	3
10	64QAM	25	12	19.19	19.06	19.06	19.06		
10	64QAM	25	25	19.19	19.14	19.10	19.05		
10	64QAM	50	0	19.08	19.03	19.00	19.13		
10	256QAM	1	0	17.02	16.91	16.92	16.99	19	5
10	256QAM	1	25	16.97	16.83	16.77	16.86		
10	256QAM	1	49	17.09	16.99	16.94	17.02		
10	256QAM	25	0	17.27	17.15	17.25	17.27	19	5
10	256QAM	25	12	17.30	17.09	17.18	17.24		
10	256QAM	25	25	17.25	17.17	17.21	17.18		
10	256QAM	50	0	17.26	17.09	17.26	17.23		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.15	21.91	22.10	21.96	24	0
5	QPSK	1	12	21.87	21.76	21.76	21.79		
5	QPSK	1	24	22.05	21.93	21.97	21.98		
5	QPSK	12	0	21.20	21.03	21.19	21.20	23	1
5	QPSK	12	7	21.13	21.03	21.09	21.06		
5	QPSK	12	13	21.21	21.04	21.08	21.15		
5	QPSK	25	0	21.16	20.96	20.99	21.08		
5	16QAM	1	0	20.99	20.92	20.98	21.06	23	1
5	16QAM	1	12	21.06	20.93	21.03	21.04		
5	16QAM	1	24	21.20	21.01	20.97	21.13		
5	16QAM	12	0	20.30	20.06	20.21	20.23	22	2
5	16QAM	12	7	20.19	20.05	20.09	20.15		
5	16QAM	12	13	20.23	20.03	20.19	20.16		
5	16QAM	25	0	20.16	20.12	20.07	20.13		
5	64QAM	1	0	19.72	19.63	19.63	19.60	22	2
5	64QAM	1	12	19.73	19.56	19.73	19.66		
5	64QAM	1	24	19.74	19.72	19.75	19.76		
5	64QAM	12	0	19.24	19.14	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.03	19.12	19.09		
5	64QAM	12	13	19.18	19.12	19.12	19.15		
5	64QAM	25	0	19.12	19.10	19.05	19.11		
5	256QAM	1	0	17.10	16.99	16.89	16.92	19	5
5	256QAM	1	12	16.89	16.77	16.77	16.78		
5	256QAM	1	24	17.12	16.91	16.94	17.06		
5	256QAM	12	0	17.32	17.18	17.20	17.25	19	5
5	256QAM	12	7	17.21	17.05	17.17	17.16		
5	256QAM	12	13	17.30	17.17	17.19	17.21		
5	256QAM	25	0	17.31	17.06	17.23	17.19		

Reduced Power Mode for DSI 4

<GSM>

GSM850_Ant0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	33.08	32.98	32.76	**33.50**	24.08	23.98	23.76	24.50
GPRS 1 Tx slot	32.99	32.96	32.68	**33.50**	23.99	23.96	23.68	24.50
GPRS 2 Tx slots	30.66	30.85	30.59	**31.50**	24.66	24.85	24.59	25.50
GPRS 3 Tx slots	28.46	28.84	28.77	**29.50**	24.20	24.58	24.51	25.24
GPRS 4 Tx slots	26.57	26.40	26.23	**27.50**	23.57	23.40	23.23	24.50
EDGE 1 Tx slot	26.33	26.55	26.48	**27.50**	17.33	17.55	17.48	18.50
EDGE 2 Tx slots	24.61	24.45	24.89	**25.50**	18.61	18.45	18.89	19.50
EDGE 3 Tx slots	22.71	22.51	22.88	**23.50**	18.45	18.25	18.62	19.24
EDGE 4 Tx slots	20.77	20.55	20.79	**21.50**	17.77	17.55	17.79	18.50

GSM850_Ant4	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	32.68	32.52	32.32	**33.50**	23.68	23.52	23.32	24.50
GPRS 1 Tx slot	32.58	32.37	32.27	**33.50**	23.58	23.37	23.27	24.50
GPRS 2 Tx slots	30.42	30.67	30.26	**31.50**	24.42	24.67	24.26	25.50
GPRS 3 Tx slots	28.32	28.61	28.56	**29.50**	24.06	24.35	24.30	25.24
GPRS 4 Tx slots	26.52	26.17	26.02	**27.50**	23.52	23.17	23.02	24.50
EDGE 1 Tx slot	26.12	26.30	26.13	**27.50**	17.12	17.30	17.13	18.50
EDGE 2 Tx slots	24.23	24.30	24.12	**25.50**	18.23	18.30	18.12	19.50
EDGE 3 Tx slots	22.30	22.50	22.22	**23.50**	18.04	18.24	17.96	19.24
EDGE 4 Tx slots	20.44	20.30	20.33	**21.50**	17.44	17.30	17.33	18.50

GSM1900_Ant0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	29.96	30.12	30.31	**30.50**	20.96	21.12	21.31	21.50
GPRS 1 Tx slot	29.93	30.09	30.30	**30.50**	20.93	21.09	21.30	21.50
GPRS 2 Tx slots	27.62	27.85	27.91	**28.50**	21.62	21.85	21.91	22.50
GPRS 3 Tx slots	24.96	25.37	25.44	**26.00**	20.70	21.11	21.18	21.74
GPRS 4 Tx slots	23.81	24.03	24.03	**24.50**	20.81	21.03	21.03	21.50
EDGE 1 Tx slot	25.14	25.47	25.72	**26.00**	16.14	16.47	16.72	17.00
EDGE 2 Tx slots	22.77	23.34	23.29	**24.00**	16.77	17.34	17.29	18.00
EDGE 3 Tx slots	21.92	22.37	22.58	**23.50**	17.66	18.11	18.32	19.24
EDGE 4 Tx slots	20.36	20.68	20.62	**21.50**	17.36	17.68	17.62	18.50

GSM1900_Ant4	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	29.51	29.57	29.62	**30.50**	20.51	20.57	20.62	21.50
GPRS 1 Tx slot	29.48	29.51	29.56	**30.50**	20.48	20.51	20.56	21.50
GPRS 2 Tx slots	26.68	26.80	26.86	**27.50**	20.68	20.80	20.86	21.50
GPRS 3 Tx slots	23.77	24.18	23.72	**25.00**	19.51	19.92	19.46	20.74
GPRS 4 Tx slots	22.52	22.94	22.42	**24.00**	19.52	19.94	19.42	21.00
EDGE 1 Tx slot	24.86	24.56	24.54	**26.00**	15.86	15.56	15.54	17.00
EDGE 2 Tx slots	22.24	22.11	21.94	**23.00**	16.24	16.11	15.94	17.00
EDGE 3 Tx slots	21.31	21.19	21.12	**22.50**	17.05	16.93	16.86	18.24
EDGE 4 Tx slots	19.49	19.42	19.28	**20.50**	16.49	16.42	16.28	17.50

<WCDMA>

Band		WCDMA II_Ant0			Tune-up Limit (dBm)	WCDMA IV_Ant0			Tune-up Limit (dBm)	WCDMA V_Ant0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.19	23.24	23.21	**24.00**	23.40	23.45	23.43	**24.00**	23.37	23.42	23.41	**24.00**
3GPP Rel 99	RMC 12.2Kbps	23.27	23.30	23.24	**24.00**	23.44	23.47	23.44	**24.00**	23.39	23.45	23.42	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.41	22.46	22.48	**23.00**	22.27	22.48	22.45	**23.00**	22.20	22.17	22.07	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.42	22.47	22.49	**23.00**	22.34	22.51	22.46	**23.00**	22.19	22.16	22.08	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.92	22.00	21.94	**22.50**	21.81	21.98	21.98	**22.50**	21.72	21.68	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.89	22.01	21.96	**22.50**	21.87	21.97	21.96	**22.50**	21.71	21.67	21.59	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.26	22.33	22.36	**23.00**	22.19	22.45	22.44	**23.00**	22.15	22.03	21.96	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.33	22.41	22.38	**23.00**	22.32	22.46	22.40	**23.00**	22.08	21.99	21.94	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.91	21.95	21.85	**22.50**	21.74	21.88	21.88	**22.50**	21.56	21.67	21.44	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.81	21.95	21.85	**22.50**	21.86	21.80	21.89	**22.50**	21.54	21.60	21.48	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.32	22.41	22.42	**23.00**	22.15	22.36	22.40	**23.00**	22.12	22.16	22.04	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.35	20.51	20.38	**21.00**	20.14	20.41	20.38	**21.00**	20.13	20.14	20.06	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.28	21.39	21.41	**22.00**	21.15	21.33	21.37	**22.00**	21.14	21.15	21.02	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.31	20.44	20.45	**21.00**	20.13	20.37	20.38	**21.00**	20.13	20.15	20.04	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.30	22.40	22.37	**23.00**	22.12	22.40	22.48	**23.00**	22.10	22.12	22.08	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.66	19.92	19.94	**20.50**	19.56	19.90	19.80	**20.50**	19.61	19.78	19.75	**20.50**

<WCDMA>

Band		WCDMA II_Ant4			Tune-up Limit (dBm)	WCDMA IV_Ant4			Tune-up Limit (dBm)	WCDMA V_Ant4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.05	23.05	22.68	**24.00**	23.38	23.50	23.47	**24.00**	22.90	22.91	22.81	**24.00**
3GPP Rel 99	RMC 12.2Kbps	23.07	23.09	22.71	**24.00**	23.40	23.54	23.51	**24.00**	22.92	22.98	22.83	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.11	22.08	21.91	**23.00**	22.50	22.65	22.61	**23.00**	21.99	22.04	22.01	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.09	22.12	21.94	**23.00**	22.52	22.63	22.58	**23.00**	22.01	22.06	21.99	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.66	21.61	21.46	**22.50**	21.96	22.17	22.09	**22.50**	21.50	21.51	21.47	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.63	21.57	21.47	**22.50**	21.98	22.15	22.13	**22.50**	21.49	21.50	21.51	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	21.98	21.95	21.89	**23.00**	22.38	22.57	22.60	**23.00**	21.97	21.94	21.87	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.05	22.08	21.81	**23.00**	22.50	22.60	22.44	**23.00**	21.89	21.95	21.91	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.65	21.46	21.44	**22.50**	21.84	22.10	21.99	**22.50**	21.42	21.38	21.43	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.48	21.56	21.45	**22.50**	21.97	22.10	22.00	**22.50**	21.37	21.37	21.50	**22.50**
3GPP Rel 6	HSUPA Subtest-1	22.09	22.06	21.98	**23.00**	22.55	22.70	22.69	**23.00**	22.02	22.01	22.00	**23.00**
3GPP Rel 6	HSUPA Subtest-2	20.08	20.04	20.01	**21.00**	20.53	20.73	20.65	**21.00**	19.95	19.99	19.97	**21.00**
3GPP Rel 6	HSUPA Subtest-3	21.11	21.06	20.98	**22.00**	21.63	21.70	21.60	**22.00**	20.95	20.92	20.98	**22.00**
3GPP Rel 6	HSUPA Subtest-4	20.06	20.09	19.96	**21.00**	20.48	20.69	20.62	**21.00**	19.96	20.01	19.99	**21.00**
3GPP Rel 6	HSUPA Subtest-5	22.10	22.10	21.90	**23.00**	22.40	22.60	22.60	**23.00**	22.00	22.00	21.60	**23.00**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.50	19.42	19.48	**20.50**	20.08	20.10	20.12	**20.50**	19.45	19.51	19.44	**20.50**

Band 2_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				18607	18700	18793		
Frequency (MHz)				1850.7	1880.0	1909.3		
20	QPSK	1	0	22.61	22.97	22.56	24	0
20	QPSK	1	49	22.61	22.81	22.52		
20	QPSK	1	99	22.62	22.96	22.55	23	1
20	QPSK	50	0	22.62	22.96	22.55		
20	QPSK	50	24	22.62	22.96	22.55		
20	QPSK	50	50	22.62	22.96	22.55	23	1
20	16-QAM	1	0	21.62	21.97	21.56		
20	16-QAM	1	49	21.62	21.97	21.56		
20	16-QAM	1	99	21.62	21.97	21.56	22	2
20	16-QAM	50	0	21.62	21.97	21.56		
20	16-QAM	50	24	21.62	21.97	21.56		
20	16-QAM	50	50	21.62	21.97	21.56	22	2
20	64-QAM	1	0	20.62	20.97	20.56		
20	64-QAM	1	49	20.62	20.97	20.56		
20	64-QAM	1	99	20.62	20.97	20.56	21	3
20	64-QAM	50	0	20.62	20.97	20.56		
20	64-QAM	50	24	20.62	20.97	20.56		
20	64-QAM	50	50	20.62	20.97	20.56	21	3
20	256-QAM	1	0	19.62	19.97	19.56		
20	256-QAM	1	49	19.62	19.97	19.56		
20	256-QAM	1	99	19.62	19.97	19.56	19	5
20	256-QAM	50	0	19.62	19.97	19.56		
20	256-QAM	50	24	19.62	19.97	19.56		
20	256-QAM	50	50	19.62	19.97	19.56	19	5
Channel				18615	18707	18799		
Frequency (MHz)				1851.5	1880.7	1910.1		
15	QPSK	1	0	22.62	22.97	22.56	24	0
15	QPSK	1	37	22.62	22.97	22.56		
15	QPSK	1	74	22.62	22.97	22.56	23	1
15	QPSK	36	0	22.62	22.97	22.56		
15	QPSK	36	19	22.62	22.97	22.56		
15	QPSK	36	39	22.62	22.97	22.56	23	1
15	16-QAM	1	0	21.62	21.97	21.56		
15	16-QAM	1	37	21.62	21.97	21.56		
15	16-QAM	1	74	21.62	21.97	21.56	22	2
15	16-QAM	36	0	21.62	21.97	21.56		
15	16-QAM	36	19	21.62	21.97	21.56		
15	16-QAM	36	39	21.62	21.97	21.56	22	2
15	64-QAM	1	0	20.62	20.97	20.56		
15	64-QAM	1	37	20.62	20.97	20.56		
15	64-QAM	1	74	20.62	20.97	20.56	21	3
15	64-QAM	36	0	20.62	20.97	20.56		
15	64-QAM	36	19	20.62	20.97	20.56		
15	64-QAM	36	39	20.62	20.97	20.56	21	3
15	256-QAM	1	0	19.62	19.97	19.56		
15	256-QAM	1	37	19.62	19.97	19.56		
15	256-QAM	1	74	19.62	19.97	19.56	19	5
15	256-QAM	36	0	19.62	19.97	19.56		
15	256-QAM	36	19	19.62	19.97	19.56		
15	256-QAM	36	39	19.62	19.97	19.56	19	5
Channel				18625	18715	18805		
Frequency (MHz)				1852.5	1881.5	1910.5		
10	QPSK	1	0	22.62	22.97	22.56	24	0
10	QPSK	1	24	22.62	22.97	22.56		
10	QPSK	1	49	22.62	22.97	22.56	23	1
10	QPSK	25	0	22.62	22.97	22.56		
10	QPSK	25	12	22.62	22.97	22.56		
10	QPSK	25	25	22.62	22.97	22.56	23	1
10	16-QAM	1	0	21.62	21.97	21.56		
10	16-QAM	1	24	21.62	21.97	21.56		
10	16-QAM	1	49	21.62	21.97	21.56	22	2
10	16-QAM	25	0	21.62	21.97	21.56		
10	16-QAM	25	12	21.62	21.97	21.56		
10	16-QAM	25	25	21.62	21.97	21.56	22	2
10	64-QAM	1	0	20.62	20.97	20.56		
10	64-QAM	1	24	20.62	20.97	20.56		
10	64-QAM	1	49	20.62	20.97	20.56	21	3
10	64-QAM	25	0	20.62	20.97	20.56		
10	64-QAM	25	12	20.62	20.97	20.56		
10	64-QAM	25	25	20.62	20.97	20.56	21	3
10	256-QAM	1	0	19.62	19.97	19.56		
10	256-QAM	1	24	19.62	19.97	19.56		
10	256-QAM	1	49	19.62	19.97	19.56	19	5
10	256-QAM	25	0	19.62	19.97	19.56		
10	256-QAM	25	12	19.62	19.97	19.56		
10	256-QAM	25	25	19.62	19.97	19.56	19	5
Channel				18632	18718	18804		
Frequency (MHz)				1853.2	1881.8	1910.4		
5	QPSK	1	0	22.62	22.97	22.56	24	0
5	QPSK	1	12	22.62	22.97	22.56		
5	QPSK	1	24	22.62	22.97	22.56	23	1
5	QPSK	12	0	22.62	22.97	22.56		
5	QPSK	12	6	22.62	22.97	22.56		
5	QPSK	12	13	22.62	22.97	22.56	23	1
5	16-QAM	1	0	21.62	21.97	21.56		
5	16-QAM	1	12	21.62	21.97	21.56		
5	16-QAM	1	24	21.62	21.97	21.56	22	2
5	16-QAM	12	0	21.62	21.97	21.56		
5	16-QAM	12	6	21.62	21.97	21.56		
5	16-QAM	12	13	21.62	21.97	21.56	22	2
5	64-QAM	1	0	20.62	20.97	20.56		
5	64-QAM	1	12	20.62	20.97	20.56		
5	64-QAM	1	24	20.62	20.97	20.56	21	3
5	64-QAM	12	0	20.62	20.97	20.56		
5	64-QAM	12	6	20.62	20.97	20.56		
5	64-QAM	12	13	20.62	20.97	20.56	21	3
5	256-QAM	1	0	19.62	19.97	19.56		
5	256-QAM	1	12	19.62	19.97	19.56		
5	256-QAM	1	24	19.62	19.97	19.56	19	5
5	256-QAM	12	0	19.62	19.97	19.56		
5	256-QAM	12	6	19.62	19.97	19.56		
5	256-QAM	12	13	19.62	19.97	19.56	19	5
Channel				18650	18732	18814		
Frequency (MHz)				1855.0	1883.2	1911.4		
1.4	QPSK	1	0	22.62	22.97	22.56	24	0
1.4	QPSK	1	2	22.62	22.97	22.56		
1.4	QPSK	1	5	22.62	22.97	22.56	23	1
1.4	QPSK	6	0	22.62	22.97	22.56		
1.4	QPSK	6	2	22.62	22.97	22.56		
1.4	QPSK	6	3	22.62	22.97	22.56	23	1
1.4	16-QAM	1	0	21.62	21.97	21.56		
1.4	16-QAM	1	2	21.62	21.97	21.56		
1.4	16-QAM	1	5	21.62	21.97	21.56	22	2
1.4	16-QAM	6	0	21.62	21.97	21.56		
1.4	16-QAM	6	2	21.62	21.97	21.56		
1.4	16-QAM	6	3	21.62	21.97	21.56	22	2
1.4	64-QAM	1	0	20.62	20.97	20.56		
1.4	64-QAM	1	2	20.62	20.97	20.56		
1.4	64-QAM	1	5	20.62	20.97	20.56	21	3
1.4	64-QAM	6	0	20.62	20.97	20.56		
1.4	64-QAM	6	2	20.62	20.97	20.56		
1.4	64-QAM	6	3	20.62	20.97	20.56	21	3
1.4	256-QAM	1	0	19.62	19.97	19.56		
1.4	256-QAM	1	2	19.62	19.97	19.56		
1.4	256-QAM	1	5	19.62	19.97	19.56	19	5
1.4	256-QAM	6	0	19.62	19.97	19.56		
1.4	256-QAM	6	2	19.62	19.97	19.56		
1.4	256-QAM	6	3	19.62	19.97	19.56	19	5

Band 2_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				18607	18700	18793		
Frequency (MHz)				1850.7	1880.0	1909.3		
20	QPSK	1	0	22.61	22.97	22.56	24	0
20	QPSK	1	49	22.61	22.81	22.52		
20	QPSK	1	99	22.62	22.96	22.55	23	1
20	QPSK	50	0	22.62	22.96	22.55		
20	QPSK	50	24	22.62	22.96	22.55		
20	QPSK	50	50	22.62	22.96	22.55	23	1
20	16-QAM	1	0	21.62	21.97	21.56		
20	16-QAM	1	49	21.62	21.97	21.56		
20	16-QAM	1	99	21.62	21.97	21.56	22	2
20	16-QAM	50	0	21.62	21.97	21.56		
20	16-QAM	50	24	21.62	21.97	21.56		
20	16-QAM	50	50	21.62	21.97	21.56	22	2
20	64-QAM	1	0	20.62	20.97	20.56		
20	64-QAM	1	49	20.62	20.97	20.56		
20	64-QAM	1	99	20.62	20.97	20.56	21	3
20	64-QAM	50	0	20.62	20.97	20.56		
20	64-QAM	50	24	20.62	20.97	20.56		
20	64-QAM	50	50	20.62	20.97	20.56	21	3
20	256-QAM	1	0	19.62	19.97	19.56		
20	256-QAM	1	49	19.62	19.97	19.56		
20	256-QAM	1	99	19.62	19.97	19.56	19	5
20	256-QAM	50	0	19.62	19.97	19.56		
20	256-QAM	50	24	19.62	19.97	19.56		
20	256-QAM	50	50	19.62	19.97	19.56	19	5
Channel				18615	18707	18799		
Frequency (MHz)				1851.5	1880.7	1910.1		
15	QPSK	1	0	22.62	22.97	22.56	24	0
15	QPSK	1	37	22.62	22.97	22.56		
15	QPSK	1	74	22.62	22.97	22.56	23	1
15	QPSK	36	0	22.62	22.97	22.56		
15	QPSK	36	19	22.62	22.97	22.56		
15	QPSK	36	39	22.62	22.97	22.56	23	1
15	16-QAM	1	0	21.62	21.97	21.56		
15	16-QAM	1	37	21.62	21.97	21.56		
15	16-QAM	1	74	21.62	21.97	21.56	22	2
15	16-QAM	36	0	21.62	21.97	21.56		
15	16-QAM	36	19	21.62	21.97	21.56		
15	16-QAM	36	39	21.62	21.97	21.56	22	2
15	64-QAM	1	0	20.62	20.97	20.56		
15	64-QAM	1	37	20.62	20.97	20.56		
15	64-QAM	1	74	20.62	20.97	20.56	21	3
15	64-QAM	36	0	20.62	20.97	20.56		
15	64-QAM	36	19	20.62	20.97	20.56		
15	64-QAM	36	39	20.62	20.97	20.56	21	3
15	256-QAM	1	0	19.62	19.97	19.56		
15	256-QAM	1	37	19.62	19.97	19.56		
15	256-QAM	1	74	19.62	19.97	19.56	19	5
15	256-QAM	36	0	19.62	19.97	19.56		
15	256-QAM	36	19	19.62	19.97	19.56		
15	256-QAM	36	39	19.62	19.97	19.56	19	5
Channel				18625	18715	18805		
Frequency (MHz)				1852.5	1881.5	1910.5		
10	QPSK	1	0	22.62	22.97	22.56	24	0
10	QPSK	1	24	22.62	22.97	22.56		
10	QPSK	1	49	22.62	22.97	22.56	23	1
10	QPSK	25	0	22.62	22.97	22.56		
10	QPSK	25	12	22.62	22.97	22.56		
10	QPSK	25	25	22.62	22.97	22.56	23	1
10	16-QAM	1	0	21.62	21.97	21.56		
10	16-QAM	1	24	21.62	21.97	21.56		
10	16-QAM	1	49	21.62	21.97	21.56	22	2
10	16-QAM	25	0	21.62	21.97	21.56		
10	16-QAM	25	12	21.62	21.97	21.56		
10	16-QAM	25	25	21.62	21.97	21.56	22	2
10	64-QAM	1	0	20.62	20.97	20.56		
10	64-QAM	1	24	20.62	20.97	20.56		
10	64-QAM	1	49	20.62	20.97	20.56	21	3
10	64-QAM	25	0	20.62	20.97	20.56		
10	64-QAM	25	12	20.62	20.97	20.56		
10	64-QAM	25	25	20.62	20.97	20.56	21	3
10	256-QAM	1	0	19.62	19.97	19.56		
10	256-QAM	1	24	19.62	19.97	19.56		
10	256-QAM	1	49	19.62	19.97	19.56	19	5
10	256-QAM	25	0	19.62	19.97	19.56		
10	256-QAM	25	12	19.62	19.97	19.56		
10	256-QAM	25	25	19.62	19.97	19.56	19	5
Channel				18632	18718	18804		
Frequency (MHz)				1853.2	1881.8	1910.4		
5	QPSK	1	0	22.62	22.97	22.56	24	0
5	QPSK	1	12	22.62	22.97	22.56		
5	QPSK	1	24	22.62	22.97	22.56	23	1
5	QPSK	12	0	22.62	22.97	22.56		
5	QPSK	12	6	22.62	22.97	22.56		
5	QPSK	12	13	22.62	22.97	22.56	23	1
5	16-QAM	1	0	21.62	21.97	21.56		
5	16-QAM	1	12	21.62	21.97	21.56		
5	16-QAM	1	24	21.62	21.97	21.56	22	2
5	16-QAM	12	0	21.62	21.97	21.56		
5	16-QAM	12	6	21.62	21.97	21.56		
5	16-QAM	12	13	21.62	21.97	21.56	22	2
5	64-QAM	1	0	20.62	20.97	20.56		
5	64-QAM	1	12	20.62	20.97	20.56		
5	64-QAM	1	24	20.62	20.97	20.56	21	3
5	64-QAM	12	0	20.62	20.97	20.56		
5	64-QAM	12	6	20.62	20.97	20.56		
5	64-QAM	12	13	20.62	20.97	20.56	21	3
5	256-QAM	1	0	19.62	19.97	19.56		
5	256-QAM	1	12	19.62	19.97	19.56		
5	256-QAM	1	24	19.62	19.97	19.56	19	5
5	256-QAM	12	0	19.62	19.97	19.56		
5	256-QAM	12	6	19.62	19.97	19.56		
5	256-QAM	12	13	19.62	19.97	19.56	19	5
Channel				18650	18732	18814		
Frequency (MHz)				1855.0	1883.2	1911.4		
1.4	QPSK	1	0	22.62	22.97	22.56	24	0
1.4	QPSK	1	2	22.62	22.97	22.56		
1.4	QPSK	1	5	22.62	22.97	22.56	23	1
1.4	QPSK	6	0	22.62	22.97	22.56		
1.4	QPSK	6	2	22.62	22.97	22.56		
1.4	QPSK	6	3	22.62	22.97	22.56	23	1
1.4	16-QAM	1	0	21.62	21.97	21.56		
1.4	16-QAM	1	2	21.62	21.97	21.56		
1.4	16-QAM	1	5	21.62	21.97	21.56	22	2
1.4	16-QAM	6	0	21.62	21.97	21.56		
1.4	16-QAM	6	2	21.62	21.97	21.56		
1.4	16-QAM	6	3	21.62	21.97	21.56	22	2
1.4	64-QAM	1	0	20.62	20.97	20.56		
1.4	64-QAM	1	2	20.62	20.97	20.56		
1.4	64-QAM	1	5	20.62	20.97	20.56	21	3
1.4	64-QAM	6	0	20.62	20.97	20.56		
1.4	64-QAM	6	2	20.62	20.97	20.56		
1.4	64-QAM	6	3	20.62	20.97	20.56	21	3
1.4	256-QAM	1	0	19.62	19.97	19.56		
1.4	256-QAM	1	2	19.62	19.97	19.56		
1.4	256-QAM	1	5	19.62	19.97	19.56	19	5
1.4	256-QAM	6	0	19.62	19.97	19.56		
1.4	256-QAM	6	2	19.62	19.97	19.56		
1.4	256-QAM	6	3	19.62	19.97	19.56	19	5

Band 4_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				20007	20175	20343		
Frequency (MHz)				1710.7	1732.5	1754.3		
20	QPSK	1	0	22.62	22.97	22.56	24	0
20	QPSK	1	49	22.62	22.81	22.52		
20	QPSK	1	99	22.62	22.96	22.55	23	1
20	QPSK	50	0	22.62	22.96	22.55		
20	QPSK	50	24	22.62	22.96	22.55		
20	QPSK	50	50	22.62	22.96	22.55	23	1
20	16-QAM	1	0	21.62	21.97	21.56		
20	16-QAM	1	49	21.62	21.97	21.56		
20	16-QAM	1	99	21.62	21.97	21.56	22	2
20	16-QAM	50	0	21.62	21.97	21.56		
20	16-QAM	50	24	21.62	21.97	21.56		
20	16-QAM	50	50	21.62	21.97	21.56	22	2
20	64-QAM	1	0	20.62	20.97	20.56		
20	64-QAM	1	49	20.62	20.97	20.56		
20	64-QAM	1	99	20.62	20.97	20.56	21	3
20	64-QAM	50	0	20.62	20.97	20.56		
20	64-QAM	50	24	20.62	20.97	20.56		
20	64-QAM	50	50	20.62	20.97	20.56	21	3
20	256-QAM	1	0	19.62	19.97	19.56		
20	256-QAM	1	49	19.62	19.97	19.56		
20	256-QAM	1	99	19.62	19.97	19.56	19	5
20	256-QAM	50	0	19.62	19.97	19.56		
20	256-QAM	50	24	19.62	19.97	19.56		
20	256-QAM	50	50	19.62	19.97	19.56	19	5
Channel				20015	20175	20335		
Frequency (MHz)				1711.5	1732.5	1753.5		
15	QPSK	1	0	22.62	22.97	22.56	24	0
15	QPSK	1	37	22.62	22.97	22.56		
15	QPSK	1	74	22.62	22.97	22.56	23	1
15	QPSK	36	0	22.62	22.97	22.56		
15	QPSK	36	19	22.62	22.97	22.56		
15	QPSK	36	39	22.62	22.97	22.56	23	1
15	16-QAM	1	0	21.62	21.97	21.56		
15	16-QAM	1	37	21.62	21.97	21.56		
15	16-QAM	1	74	21.62	21.97	21.56	22	2
15	16-QAM	36	0	21.62	21.97	21.56		
15	16-QAM	36	19	21.62	21.97	21.56		
15	16-QAM	36	39	21.62	21.97	21.56	22	2
15	64-QAM	1	0	20.62	20.97	20.56		
15	64-QAM	1	37	20.62	20.97	20.56		
15	64-QAM	1	74	20.62	20.97	20.56	21	3
15	64-QAM	36	0	20.62	20.97	20.56		
15	64-QAM	36	19	20.62	20.97	20.56		
15	64-QAM	36	39	20.62	20.97	20.56	21	3
15	256-QAM	1	0	19.62	19.97	19.56		
15	256-QAM	1	37	19.62	19.97	19.56		
15	256-QAM	1	74	19.62	19.97	19.56	19	5
15	256-QAM	36	0	19.62	19.97	19.56		
15	256-QAM	36	19	19.62	19.97	19.56		
15	256-QAM	36	39	19.62	19.97	19.56	19	5
Channel				20025	20175	20325		
Frequency (MHz)				1712.5	1732.5	1752.5		
10	QPSK	1	0	22.62	22.97	22.56	24	0
10	QPSK	1	24	22.62	22.97	22.56		
10	QPSK	1	49	22.62	22.97	22.56	23	1
10	QPSK	25	0	22.62	22.97	22.56		
10	QPSK	25	12	22.62	22.97	22.56		
10	QPSK	25	25	22.62	22.97	22.56	23	1
10	16-QAM	1	0	21.62	21.97	21.56		
10	16-QAM	1	24	21.62	21.97	21.56		
10	16-QAM	1	49	21.62	21.97	21.56	22	2
10	16-QAM	25	0	21.62	21.97	21.56		
10	16-QAM	25	12	21.62	21.97	21.56		
10	16-QAM	25	25	21.62	21.97	21.56	22	2
10	64-QAM	1	0	20.62	20.97	20.56		
10	64-QAM	1	24	20.62	20.97	20.56		
10	64-QAM	1	49	20.62	20.97	20.56	21	3
10	64-QAM	25	0	20.62	20.97	20.56		
10	64-QAM	25	12	20.62	20.97	20.56		
10	64-QAM	25	25	20.62	20.97	20.56	21	3
10	256-QAM	1	0	19.62	19.97	19.56		
10	256-QAM	1	24	19.62	19.97	19.56		
10	256-QAM	1	49	19.62	19.97	19.56	19	5
10	256-QAM	25	0	19.62	19.97	19.56		
10	256-QAM	25	12	19.62	19.97	19.56		
10	256-QAM	25	25	19.62	19.97	19.56	19	5
Channel				20050	20175	20300		
Frequency (MHz)				1715.0	1732.5	1750.0		
5	QPSK	1	0	22.62	22.97	22.56	24	0
5	QPSK	1	12	22.62	22.97	22.56		
5	QPSK	1	24	22.62	22.97	22.56	23	1
5	QPSK	12	0	22.62	22.97	22.56		
5	QPSK	12	6	22.62	22.97	22.56		
5	QPSK	12	13	22.62	22.97	22.56	23	1
5	16-QAM	1	0	21.62	21.97	21.56		
5	16-QAM	1	12	21.62	21.97	21.56		
5	16-QAM	1	24	21.62	21.97	21.56	22	2
5	16-QAM	12	0	21.62	21.97	21.56		
5	16-QAM	12	6	21.62	21.97	21.56		
5	16-QAM	12	13	21.62	21.97	21.56	22	2
5	64-QAM	1	0	20.62	20.97	20.56		
5	64-QAM	1	12	20.62	20.97	20.56		
5	64-QAM	1	24	20.62	20.97	20.56	21	3
5	64-QAM	12	0	20.62	20.97	20.56		
5	64-QAM	12	6	20.62	20.97	20.56		
5	64-QAM	12	13	20.62	20.97	20.56	21	3
5	256-QAM	1	0	19.62	19.97	19.56		
5	256-QAM	1	12	19.62	19.97	19.56		
5	256-QAM	1	24	19.62	19.97	19.56	19	5
5	256-QAM	12	0	19.62	19.97	19.56		
5	256-QAM	12	6	19.62	19.97	19.56		
5	256-QAM	12	13	19.62	19.97	19.56	19	5
Channel				20064	20175	20286		
Frequency (MHz)				1716.4	1732.5	1748.6		
1.4	QPSK	1	0	22.62	22.97	22.56	24	0
1.4	QPSK	1	2	22.62	22.97	22.56		
1.4	QPSK	1	5	22.62	22.97	22.56	23	1
1.4	QPSK	6	0	22.62	22.97	22.56		
1.4	QPSK	6	2	22.62	22.97	22.56		
1.4	QPSK	6	3	22.62	22.97	22.56	23	1

Band 5_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.82	23.11	23.09	24	0
10	QPSK	1	25	22.80	22.93	22.76		
10	QPSK	1	49	22.81	22.93	22.74		
10	QPSK	25	0	21.88	22.08	21.90	23	1
10	QPSK	25	12	21.85	22.00	21.88		
10	QPSK	25	25	21.83	22.00	21.86		
10	QPSK	50	0	21.94	21.98	21.95		
10	16QAM	1	0	22.54	22.54	22.13	23	1
10	16QAM	1	25	22.49	22.48	22.09		
10	16QAM	1	49	22.54	22.18	22.13		
10	16QAM	25	0	21.03	20.97	20.98	22	2
10	16QAM	25	12	21.07	21.00	21.00		
10	16QAM	25	25	21.14	20.93	20.97		
10	16QAM	50	0	21.14	20.97	20.97		
10	64QAM	1	0	20.99	21.24	21.00	22	2
10	64QAM	1	25	21.00	21.31	21.29		
10	64QAM	1	49	20.97	21.27	21.28		
10	64QAM	25	0	20.12	19.97	19.98	21	3
10	64QAM	25	12	20.15	20.05	19.96		
10	64QAM	25	25	20.12	20.01	20.10		
10	64QAM	50	0	20.06	20.11	20.02		
10	256QAM	1	0	17.96	17.82	17.93	19	5
10	256QAM	1	25	17.97	17.92	17.82		
10	256QAM	1	49	17.90	17.85	18.04		
10	256QAM	25	0	17.91	17.82	17.89	19	5
10	256QAM	25	12	18.02	17.90	17.77		
10	256QAM	25	25	17.93	17.82	18.03		
10	256QAM	50	0	17.98	17.93	17.89		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	23.05	22.98	22.74	24	0
5	QPSK	1	12	23.09	23.10	22.91		
5	QPSK	1	24	23.10	22.97	22.90		
5	QPSK	12	0	22.03	21.92	21.88	23	1
5	QPSK	12	7	21.98	21.88	21.83		
5	QPSK	12	13	21.93	22.02	21.92		
5	QPSK	25	0	22.00	22.01	21.89		
5	16QAM	1	0	22.10	22.39	22.53	23	1
5	16QAM	1	12	22.12	22.29	22.19		
5	16QAM	1	24	22.48	22.49	22.36		
5	16QAM	12	0	21.09	21.00	20.92	22	2
5	16QAM	12	7	21.10	21.08	20.96		
5	16QAM	12	13	21.07	21.05	20.98		
5	16QAM	25	0	21.00	20.95	20.85		
5	64QAM	1	0	21.37	21.10	20.99	22	2
5	64QAM	1	12	21.29	21.12	21.01		
5	64QAM	1	24	21.44	21.20	21.13		
5	64QAM	12	0	19.93	20.11	19.92	21	3
5	64QAM	12	7	20.14	20.00	19.87		
5	64QAM	12	13	20.01	19.94	19.90		
5	64QAM	25	0	20.04	20.09	19.97		
5	256QAM	1	0	17.98	17.86	17.88	19	5
5	256QAM	1	12	17.96	17.93	17.76		
5	256QAM	1	24	17.93	17.90	18.06		
5	256QAM	12	0	17.93	17.86	17.93	19	5
5	256QAM	12	7	17.99	17.87	17.78		
5	256QAM	12	13	17.93	17.88	18.00		
5	256QAM	25	0	17.96	17.99	17.89		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.95	22.95	22.73	24	0
3	QPSK	1	8	22.99	23.09	22.87		
3	QPSK	1	14	22.99	22.96	22.79		
3	QPSK	8	0	21.92	21.83	21.86	23	1
3	QPSK	8	4	21.95	21.86	21.79		
3	QPSK	8	7	21.92	21.90	21.81		
3	QPSK	15	0	21.97	21.96	21.81		
3	16QAM	1	0	21.98	22.38	22.43	23	1
3	16QAM	1	8	22.06	22.24	22.10		
3	16QAM	1	14	22.42	22.40	22.27		
3	16QAM	8	0	21.03	20.91	20.81	22	2
3	16QAM	8	4	21.07	21.01	20.91		
3	16QAM	8	7	21.05	21.01	20.94		
3	16QAM	15	0	20.89	20.88	20.73		
3	64QAM	1	0	21.26	21.01	20.97	22	2
3	64QAM	1	8	21.20	21.02	20.91		
3	64QAM	1	14	21.38	21.16	21.03		
3	64QAM	8	0	19.84	20.10	19.88	21	3
3	64QAM	8	4	20.07	19.90	19.86		
3	64QAM	8	7	19.89	19.88	19.79		
3	64QAM	15	0	20.01	20.00	19.91		
3	256QAM	1	0	17.96	17.74	17.77	19	5
3	256QAM	1	8	17.87	17.86	17.69		
3	256QAM	1	14	17.90	17.82	17.96		
3	256QAM	8	0	17.82	17.77	17.88	19	5
3	256QAM	8	4	17.97	17.86	17.74		
3	256QAM	8	7	17.88	17.76	17.99		
3	256QAM	15	0	17.88	17.83	17.86		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.95	22.95	22.62	24	0
1.4	QPSK	1	3	23.06	23.08	22.84		
1.4	QPSK	1	5	23.08	22.92	22.83		
1.4	QPSK	3	0	22.92	22.85	22.50		
1.4	QPSK	3	1	23.04	23.07	22.75		
1.4	QPSK	3	3	23.03	22.88	22.75		
1.4	QPSK	6	0	21.95	21.93	21.79	23	1
1.4	16QAM	1	0	22.00	22.31	22.44	23	1
1.4	16QAM	1	3	22.04	22.17	22.17		
1.4	16QAM	1	5	22.46	22.39	22.25		
1.4	16QAM	3	0	21.95	22.23	22.37		
1.4	16QAM	3	1	21.95	22.15	22.15		
1.4	16QAM	3	3	22.45	22.32	22.22		
1.4	16QAM	6	0	20.90	20.83	20.73	22	2
1.4	64QAM	1	0	21.35	21.08	20.92	22	2
1.4	64QAM	1	3	21.19	21.05	20.96		
1.4	64QAM	1	5	21.43	21.17	21.08		
1.4	64QAM	3	0	21.25	21.05	20.90		
1.4	64QAM	3	1	21.18	20.94	20.87		
1.4	64QAM	3	3	21.31	21.15	20.99		
1.4	64QAM	6	0	20.03	19.99	19.95	21	3
1.4	256QAM	1	0	17.95	17.84	17.83	19	5
1.4	256QAM	1	3	17.93	17.84	17.66		
1.4	256QAM	1	5	17.88	17.86	17.96		
1.4	256QAM	3	0	17.92	17.78	17.88		
1.4	256QAM	3	1	17.92	17.82	17.76		
1.4	256QAM	3	3	17.91	17.86	17.94		
1.4	256QAM	6	0	17.86	17.87	17.85	19	5

Band 5 _Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.62	22.75	22.63	24	0
10	QPSK	1	25	22.56	22.66	22.62		
10	QPSK	1	49	22.60	22.63	22.55		
10	QPSK	25	0	21.76	21.78	21.72	23	1
10	QPSK	25	12	21.75	21.69	21.71		
10	QPSK	25	25	21.71	21.77	21.71		
10	QPSK	50	0	21.75	21.76	21.70		
10	16QAM	1	0	22.10	22.01	22.02	23	1
10	16QAM	1	25	21.91	21.99	22.01		
10	16QAM	1	49	21.97	22.05	21.96		
10	16QAM	25	0	20.72	20.73	20.76	22	2
10	16QAM	25	12	20.79	20.76	20.74		
10	16QAM	25	25	20.74	20.80	20.71		
10	16QAM	50	0	20.81	20.72	20.68		
10	64QAM	1	0	20.81	20.80	20.88	22	2
10	64QAM	1	25	20.84	20.95	20.87		
10	64QAM	1	49	20.91	20.85	20.81		
10	64QAM	25	0	19.75	19.76	19.77	21	3
10	64QAM	25	12	19.82	19.76	19.72		
10	64QAM	25	25	19.77	19.79	19.77		
10	64QAM	50	0	19.80	19.73	19.73		
10	256QAM	1	0	18.24	18.20	18.21	19	5
10	256QAM	1	25	18.23	18.20	18.24		
10	256QAM	1	49	18.19	18.10	18.19		
10	256QAM	25	0	17.54	17.57	17.60	19	5
10	256QAM	25	12	17.48	17.54	17.58		
10	256QAM	25	25	17.66	17.61	17.63		
10	256QAM	50	0	17.19	17.26	17.21		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	22.73	22.70	22.60	24	0
5	QPSK	1	12	22.66	22.63	22.56		
5	QPSK	1	24	22.67	22.68	22.54		
5	QPSK	12	0	21.74	21.68	21.59	23	1
5	QPSK	12	7	21.72	21.66	21.61		
5	QPSK	12	13	21.70	21.72	21.65		
5	QPSK	25	0	21.71	21.67	21.61		
5	16QAM	1	0	22.05	22.04	21.94	23	1
5	16QAM	1	12	21.87	21.99	21.91		
5	16QAM	1	24	22.02	22.03	21.86		
5	16QAM	12	0	20.74	20.68	20.66	22	2
5	16QAM	12	7	20.73	20.70	20.62		
5	16QAM	12	13	20.73	20.75	20.71		
5	16QAM	25	0	20.73	20.65	20.60		
5	64QAM	1	0	20.97	20.81	20.77	22	2
5	64QAM	1	12	20.80	20.81	20.83		
5	64QAM	1	24	20.93	20.91	20.79		
5	64QAM	12	0	19.79	19.74	19.70	21	3
5	64QAM	12	7	19.73	19.74	19.67		
5	64QAM	12	13	19.75	19.76	19.67		
5	64QAM	25	0	19.75	19.70	19.63		
5	256QAM	1	0	18.11	18.19	18.23	19	5
5	256QAM	1	12	18.20	18.32	18.22		
5	256QAM	1	24	18.12	18.17	18.14		
5	256QAM	12	0	17.54	17.59	17.57	19	5
5	256QAM	12	7	17.59	17.46	17.59		
5	256QAM	12	13	17.59	17.60	17.67		
5	256QAM	25	0	17.17	17.24	17.28		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.53	22.50	22.56	24	0
3	QPSK	1	8	22.48	22.51	22.43		
3	QPSK	1	14	22.50	22.49	22.47		
3	QPSK	8	0	21.52	21.57	21.54	23	1
3	QPSK	8	4	21.46	21.47	21.52		
3	QPSK	8	7	21.63	21.56	21.64		
3	QPSK	15	0	21.50	21.60	21.52		
3	16QAM	1	0	21.87	21.89	21.81	23	1
3	16QAM	1	8	21.87	21.78	21.83		
3	16QAM	1	14	21.75	21.79	21.71		
3	16QAM	8	0	20.57	20.62	20.65	22	2
3	16QAM	8	4	20.56	20.61	20.60		
3	16QAM	8	7	20.61	20.68	20.63		
3	16QAM	15	0	20.48	20.59	20.54		
3	64QAM	1	0	20.75	20.62	20.62	22	2
3	64QAM	1	8	20.68	20.70	20.75		
3	64QAM	1	14	20.66	20.65	20.64		
3	64QAM	8	0	19.68	19.62	19.69	21	3
3	64QAM	8	4	19.63	19.66	19.66		
3	64QAM	8	7	19.60	19.62	19.65		
3	64QAM	15	0	19.59	19.60	19.62		
3	256QAM	1	0	18.10	18.13	18.05	19	5
3	256QAM	1	8	18.16	18.16	18.04		
3	256QAM	1	14	18.13	18.10	18.04		
3	256QAM	8	0	17.42	17.44	17.51	19	5
3	256QAM	8	4	17.57	17.48	17.58		
3	256QAM	8	7	17.62	17.49	17.55		
3	256QAM	15	0	17.67	17.63	17.71		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.55	22.43	22.50	24	0
1.4	QPSK	1	3	22.63	22.54	22.54		
1.4	QPSK	1	5	22.65	22.57	22.62		
1.4	QPSK	3	0	22.53	22.65	22.55		
1.4	QPSK	3	1	22.61	22.57	22.60		
1.4	QPSK	3	3	22.54	22.61	22.62		
1.4	QPSK	6	0	21.52	21.52	21.53	23	1
1.4	16QAM	1	0	21.85	21.83	21.82	23	1
1.4	16QAM	1	3	21.79	21.92	21.86		
1.4	16QAM	1	5	21.88	21.91	21.79		
1.4	16QAM	3	0	21.79	21.84	21.84		
1.4	16QAM	3	1	21.75	21.70	21.70		
1.4	16QAM	3	3	21.82	21.82	21.79		
1.4	16QAM	6	0	20.75	20.72	20.65	22	2
1.4	64QAM	1	0	20.82	20.79	20.86	22	2
1.4	64QAM	1	3	20.86	20.77	20.78		
1.4	64QAM	1	5	20.90	20.82	20.83		
1.4	64QAM	3	0	20.73	20.79	20.74		
1.4	64QAM	3	1	20.76	20.79	20.71		
1.4	64QAM	3	3	20.78	20.73	20.74		
1.4	64QAM	6	0	1.70	1.67	1.68	21	3
1.4	256QAM	1	0	18.33	18.24	18.26	19	5
1.4	256QAM	1	3	18.36	18.40	18.35		
1.4	256QAM	1	5	18.26	18.27	18.24		
1.4	256QAM	3	0	17.75	17.74	17.66		
1.4	256QAM	3	1	17.68	17.68	17.60		
1.4	256QAM	3	3	17.65	17.72	17.73		
1.4	256QAM	6	0	17.39	17.34	17.32	19	5

Band 7_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.12	23.13	23.09	24	0
20	QPSK	1	49	23.07	23.09	23.02		
20	QPSK	1	99	23.05	23.05	23.07		
20	QPSK	50	0	22.22	22.24	22.20	23	1
20	QPSK	50	24	22.17	22.19	22.14		
20	QPSK	50	50	22.20	22.21	22.18		
20	QPSK	100	0	22.23	22.24	22.13		
20	16QAM	1	0	22.12	22.19	22.01	23	1
20	16QAM	1	49	22.16	22.19	22.15		
20	16QAM	1	99	22.21	22.19	22.12		
20	16QAM	50	0	20.92	20.99	20.91	22	2
20	16QAM	50	24	21.03	20.99	20.91		
20	16QAM	50	50	20.99	21.03	20.96		
20	16QAM	100	0	21.02	21.00	20.90		
20	64QAM	1	0	20.99	21.08	20.95	22	2
20	64QAM	1	49	21.11	21.09	21.00		
20	64QAM	1	99	21.03	21.15	21.09		
20	64QAM	50	0	19.95	19.99	19.95	21	3
20	64QAM	50	24	20.04	20.03	19.95		
20	64QAM	50	50	20.01	20.04	19.99		
20	64QAM	100	0	20.04	20.00	19.91		
20	256QAM	1	0	17.58	17.69	17.58	19	5
20	256QAM	1	49	17.53	17.65	17.59		
20	256QAM	1	99	17.69	17.72	17.67		
20	256QAM	50	0	17.56	17.59	17.56	19	5
20	256QAM	50	24	17.50	17.61	17.52		
20	256QAM	50	50	17.65	17.66	17.58		
20	256QAM	100	0	17.57	17.60	17.50		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	22.79	22.82	22.75	24	0
15	QPSK	1	37	22.85	22.85	22.80		
15	QPSK	1	74	22.85	22.92	22.80		
15	QPSK	36	0	21.98	21.96	21.90	23	1
15	QPSK	36	20	21.99	22.00	21.91		
15	QPSK	36	39	21.98	22.04	21.94		
15	QPSK	75	0	22.04	21.98	21.90		
15	16QAM	1	0	22.13	22.11	22.05	23	1
15	16QAM	1	37	22.17	22.17	22.12		
15	16QAM	1	74	22.17	22.25	22.17		
15	16QAM	36	0	20.99	20.94	20.90	22	2
15	16QAM	36	20	21.03	20.98	20.91		
15	16QAM	36	39	21.01	21.02	20.94		
15	16QAM	75	0	21.02	20.99	20.91		
15	64QAM	1	0	21.00	21.03	20.93	22	2
15	64QAM	1	37	21.32	21.16	21.08		
15	64QAM	1	74	21.03	21.08	21.03		
15	64QAM	36	0	20.00	19.98	19.95	21	3
15	64QAM	36	20	20.05	20.01	19.97		
15	64QAM	36	39	20.06	20.09	20.01		
15	64QAM	75	0	20.03	19.99	19.93		
15	256QAM	1	0	17.48	17.66	17.52	19	5
15	256QAM	1	37	17.41	17.60	17.48		
15	256QAM	1	74	17.66	17.68	17.62		
15	256QAM	36	0	17.47	17.47	17.45	19	5
15	256QAM	36	20	17.49	17.49	17.42		
15	256QAM	36	39	17.63	17.61	17.49		
15	256QAM	75	0	17.51	17.52	17.39		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	22.96	23.09	23.00	24	0
10	QPSK	1	25	22.98	23.07	23.05		
10	QPSK	1	49	23.04	23.09	23.05		
10	QPSK	25	0	22.13	22.10	22.08	23	1
10	QPSK	25	12	22.16	22.11	22.07		
10	QPSK	25	25	22.12	22.19	22.13		
10	QPSK	50	0	22.12	22.11	21.99		
10	16QAM	1	0	22.33	22.33	22.34	23	1
10	16QAM	1	25	22.42	22.43	22.38		
10	16QAM	1	49	22.43	22.47	22.42		
10	16QAM	25	0	21.15	21.13	21.03	22	2
10	16QAM	25	12	21.19	21.15	21.08		
10	16QAM	25	25	21.17	21.20	21.09		
10	16QAM	50	0	21.16	21.13	21.07		
10	64QAM	1	0	21.26	21.23	21.12	22	2
10	64QAM	1	25	21.29	21.30	21.28		
10	64QAM	1	49	21.35	21.32	21.26		
10	64QAM	25	0	20.20	20.16	20.11	21	3
10	64QAM	25	12	20.21	20.17	20.11		
10	64QAM	25	25	20.17	20.24	20.18		
10	64QAM	50	0	20.18	20.14	20.10		
10	256QAM	1	0	17.56	17.59	17.55	19	5
10	256QAM	1	25	17.50	17.61	17.52		
10	256QAM	1	49	17.66	17.66	17.61		
10	256QAM	25	0	17.47	17.52	17.48	19	5
10	256QAM	25	12	17.40	17.50	17.42		
10	256QAM	25	25	17.56	17.54	17.46		
10	256QAM	50	0	17.51	17.58	17.39		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	23.07	23.01	22.98	24	0
5	QPSK	1	12	23.12	23.11	23.02		
5	QPSK	1	24	23.09	23.11	23.05		
5	QPSK	12	0	22.10	22.01	22.01	23	1
5	QPSK	12	7	22.18	22.16	22.17		
5	QPSK	12	13	22.18	22.21	22.17		
5	QPSK	25	0	22.14	22.06	22.08		
5	16QAM	1	0	22.42	22.33	22.33	23	1
5	16QAM	1	12	22.53	22.55	22.35		
5	16QAM	1	24	22.50	22.49	22.36		
5	16QAM	12	0	21.14	21.06	21.07	22	2
5	16QAM	12	7	21.24	21.17	21.15		
5	16QAM	12	13	21.21	21.23	21.17		
5	16QAM	25	0	21.15	21.08	21.11		
5	64QAM	1	0	21.32	21.30	21.25	22	2
5	64QAM	1	12	21.48	21.25	21.21		
5	64QAM	1	24	21.39	21.33	21.23		
5	64QAM	12	0	20.12	20.05	20.06	21	3
5	64QAM	12	7	20.26	20.18	20.17		
5	64QAM	12	13	20.23	20.25	20.17		
5	64QAM	25	0	20.15	20.09	20.10		
5	256QAM	1	0	17.55	17.66	17.49	19	5
5	256QAM	1	12	17.43	17.62	17.47		
5	256QAM	1	24	17.59	17.64	17.64		
5	256QAM	12	0	17.48	17.58	17.48	19	5
5	256QAM	12	7	17.43	17.55	17.48		
5	256QAM	12	13	17.54	17.65	17.57		
5	256QAM	25	0	17.46	17.56	17.42		

Band 7_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.63	22.75	22.68	24	0
20	QPSK	1	49	22.61	22.69	22.61		
20	QPSK	1	99	22.62	22.67	22.63		
20	QPSK	50	0	21.66	21.73	21.70	23	1
20	QPSK	50	24	21.57	21.65	21.63		
20	QPSK	50	50	21.58	21.68	21.69		
20	QPSK	100	0	21.61	21.70	21.63		
20	16QAM	1	0	21.62	21.73	21.65	23	1
20	16QAM	1	49	21.56	21.68	21.59		
20	16QAM	1	99	21.55	21.70	21.63		
20	16QAM	50	0	20.56	20.74	20.62	22	2
20	16QAM	50	24	20.59	20.67	20.60		
20	16QAM	50	50	20.59	20.70	20.64		
20	16QAM	100	0	20.57	20.69	20.62		
20	64QAM	1	0	20.54	20.69	20.59	22	2
20	64QAM	1	49	20.54	20.71	20.64		
20	64QAM	1	99	20.57	20.68	20.66		
20	64QAM	50	0	19.60	19.74	19.62	21	3
20	64QAM	50	24	19.55	19.72	19.62		
20	64QAM	50	50	19.56	19.67	19.60		
20	64QAM	100	0	19.59	19.69	19.64		
20	256QAM	1	0	17.60	17.70	17.59	19	5
20	256QAM	1	49	17.54	17.73	17.64		
20	256QAM	1	99	17.54	17.66	17.67		
20	256QAM	50	0	17.58	17.69	17.64	19	5
20	256QAM	50	24	17.55	17.68	17.61		
20	256QAM	50	50	17.55	17.74	17.61		
20	256QAM	100	0	17.57	17.74	17.59		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	22.68	22.65	22.65	24	0
15	QPSK	1	37	22.61	22.64	22.64		
15	QPSK	1	74	22.64	22.55	22.65		
15	QPSK	36	0	21.68	21.71	21.69	23	1
15	QPSK	36	20	21.61	21.60	21.52		
15	QPSK	36	39	21.59	21.58	21.67		
15	QPSK	75	0	21.68	21.61	21.63		
15	16QAM	1	0	21.66	21.67	21.60	23	1
15	16QAM	1	37	21.63	21.65	21.65		
15	16QAM	1	74	21.66	21.65	21.59		
15	16QAM	36	0	20.66	20.61	20.73	22	2
15	16QAM	36	20	20.62	20.65	20.58		
15	16QAM	36	39	20.67	20.62	20.68		
15	16QAM	75	0	20.68	20.68	20.62		
15	64QAM	1	0	20.56	20.64	20.65	22	2
15	64QAM	1	37	20.63	20.57	20.67		
15	64QAM	1	74	20.55	20.57	20.59		
15	64QAM	36	0	19.64	19.67	19.66	21	3
15	64QAM	36	20	19.68	19.64	19.67		
15	64QAM	36	39	19.61	19.61	19.65		
15	64QAM	75	0	19.60	19.63	19.64		
15	256QAM	1	0	17.59	17.69	17.55	19	5
15	256QAM	1	37	17.64	17.53	17.55		
15	256QAM	1	74	17.62	17.49	17.53		
15	256QAM	36	0	17.65	17.68	17.56	19	5
15	256QAM	36	20	17.61	17.53	17.64		
15	256QAM	36	39	17.71	17.62	17.58		
15	256QAM	75	0	17.65	17.62	17.54		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	22.72	22.66	22.67	24	0
10	QPSK	1	25	22.62	22.58	22.60		
10	QPSK	1	49	22.65	22.58	22.62		
10	QPSK	25	0	21.67	21.71	21.70	23	1
10	QPSK	25	12	21.52	21.53	21.62		
10	QPSK	25	25	21.66	21.59	21.66		
10	QPSK	50	0	21.61	21.61	21.58		
10	16QAM	1	0	21.69	21.63	21.68	23	1
10	16QAM	1	25	21.60	21.60	21.67		
10	16QAM	1	49	21.68	21.61	21.66		
10	16QAM	25	0	20.68	20.70	20.68	22	2
10	16QAM	25	12	20.61	20.57	20.54		
10	16QAM	25	25	20.57	20.66	20.67		
10	16QAM	50	0	20.68	20.62	20.56		
10	64QAM	1	0	20.60	20.64	20.62	22	2
10	64QAM	1	25	20.63	20.56	20.70		
10	64QAM	1	49	20.66	20.55	20.67		
10	64QAM	25	0	19.67	19.72	19.71	21	3
10	64QAM	25	12	19.62	19.62	19.70		
10	64QAM	25	25	19.66	19.59	19.58		
10	64QAM	50	0	19.66	19.65	19.64		
10	256QAM	1	0	17.53	17.60	17.50	19	5
10	256QAM	1	25	17.60	17.67	17.69		
10	256QAM	1	49	17.55	17.52	17.53		
10	256QAM	25	0	17.68	17.54	17.66	19	5
10	256QAM	25	12	17.65	17.48	17.49		
10	256QAM	25	25	17.67	17.65	17.73		
10	256QAM	50	0	17.65	17.63	17.65		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	22.73	22.62	22.70	24	0
5	QPSK	1	12	22.64	22.59	22.57		
5	QPSK	1	24	22.60	22.62	22.66		
5	QPSK	12	0	21.70	21.71	21.71	23	1
5	QPSK	12	7	21.62	21.63	21.62		
5	QPSK	12	13	21.65	21.60	21.56		
5	QPSK	25	0	21.62	21.63	21.63		
5	16QAM	1	0	21.66	21.64	21.66	23	1
5	16QAM	1	12	21.62	21.60	21.66		
5	16QAM	1	24	21.57	21.59	21.66		
5	16QAM	12	0	20.68	20.72	20.73	22	2
5	16QAM	12	7	20.61	20.64	20.64		
5	16QAM	12	13	20.69	20.66	20.69		
5	16QAM	25	0	20.66	20.64	20.56		
5	64QAM	1	0	20.62	20.65	20.64	22	2
5	64QAM	1	12	20.65	20.69	20.64		
5	64QAM	1	24	20.56	20.62	20.63		
5	64QAM	12	0	19.69	19.69	19.68	21	3
5	64QAM	12	7	19.67	19.70	19.67		
5	64QAM	12	13	19.64	19.66	19.66		
5	64QAM	25	0	19.61	19.61	19.66		
5	256QAM	1	0	17.57	17.54	17.53	19	5
5	256QAM	1	12	17.53	17.63	17.55		
5	256QAM	1	24	17.63	17.60	17.60		
5	256QAM	12	0	17.50	17.68	17.56	19	5
5	256QAM	12	7	17.63	17.65	17.51		
5	256QAM	12	13	17.65	17.60	17.65		
5	256QAM	25	0	17.60	17.55	17.69		

Band 12_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.09	23.14	23.12	24	0
10	QPSK	1	25	23.06	23.05	23.05		
10	QPSK	1	49	23.06	23.06	23.10		
10	QPSK	25	0	22.16	22.19	22.17	23	1
10	QPSK	25	12	22.12	22.10	22.10		
10	QPSK	25	25	22.15	22.18	22.15		
10	QPSK	50	0	22.11	22.18	22.07		
10	16QAM	1	0	22.28	22.40	22.39	23	1
10	16QAM	1	25	22.38	22.39	22.35		
10	16QAM	1	49	22.42	22.46	22.42		
10	16QAM	25	0	21.14	21.08	21.11	22	2
10	16QAM	25	12	21.15	21.21	21.14		
10	16QAM	25	25	21.19	21.19	21.15		
10	16QAM	50	0	21.10	21.20	21.10		
10	64QAM	1	0	21.21	21.29	21.23	22	2
10	64QAM	1	25	21.25	21.26	21.23		
10	64QAM	1	49	21.29	21.40	21.29		
10	64QAM	25	0	20.16	20.12	20.15	21	3
10	64QAM	25	12	20.18	20.20	20.13		
10	64QAM	25	25	20.25	20.22	20.21		
10	64QAM	50	0	20.15	20.22	20.10		
10	256QAM	1	0	17.98	18.09	18.04	19	5
10	256QAM	1	25	17.97	18.07	18.03		
10	256QAM	1	49	18.05	18.14	18.02		
10	256QAM	25	0	17.98	18.01	17.99	19	5
10	256QAM	25	12	17.90	18.02	17.95		
10	256QAM	25	25	17.98	18.06	18.05		
10	256QAM	50	0	17.91	17.98	17.97		
Channel				23035	23095	23155	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	0	22.98	23.03	23.04	24	0
5	QPSK	1	12	23.05	23.06	23.10		
5	QPSK	1	24	23.03	23.08	23.08		
5	QPSK	12	0	22.10	22.06	22.01	23	1
5	QPSK	12	7	22.13	22.09	22.03		
5	QPSK	12	13	22.09	22.12	22.05		
5	QPSK	25	0	22.13	22.06	22.00		
5	16QAM	1	0	22.33	22.37	22.39	23	1
5	16QAM	1	12	22.33	22.32	22.44		
5	16QAM	1	24	22.39	22.45	22.32		
5	16QAM	12	0	21.17	21.10	21.05	22	2
5	16QAM	12	7	21.19	21.11	21.07		
5	16QAM	12	13	21.10	21.15	21.09		
5	16QAM	25	0	21.12	21.04	21.03		
5	64QAM	1	0	21.15	21.17	21.19	22	2
5	64QAM	1	12	21.22	21.22	21.17		
5	64QAM	1	24	21.24	21.26	21.21		
5	64QAM	12	0	20.15	20.13	20.03	21	3
5	64QAM	12	7	20.20	20.12	20.08		
5	64QAM	12	13	20.10	20.15	20.09		
5	64QAM	25	0	20.09	20.07	20.03		
5	256QAM	1	0	17.97	18.07	17.99	19	5
5	256QAM	1	12	17.92	18.01	17.94		
5	256QAM	1	24	18.01	18.07	18.00		
5	256QAM	12	0	17.89	17.89	17.93	19	5
5	256QAM	12	7	17.80	17.95	17.91		
5	256QAM	12	13	17.92	18.01	18.01		
5	256QAM	25	0	17.86	17.97	17.91		
Channel				23025	23095	23165	Tune-up limit	MPR
Frequency (MHz)				700.5	707.5	714.5	(dBm)	(dB)
3	QPSK	1	0	23.04	23.04	22.99	24	0
3	QPSK	1	8	23.08	23.09	23.10		
3	QPSK	1	14	22.96	23.01	22.98		
3	QPSK	8	0	22.12	22.04	21.99	23	1
3	QPSK	8	4	22.12	22.05	22.10		
3	QPSK	8	7	22.07	22.07	21.99		
3	QPSK	15	0	22.08	22.03	21.95		
3	16QAM	1	0	22.34	22.40	22.31	23	1
3	16QAM	1	8	22.49	22.43	22.43		
3	16QAM	1	14	22.27	22.34	22.32		
3	16QAM	8	0	21.14	21.07	21.03	22	2
3	16QAM	8	4	21.19	21.08	21.16		
3	16QAM	8	7	21.09	21.13	21.04		
3	16QAM	15	0	21.12	21.04	21.02		
3	64QAM	1	0	21.34	21.20	21.12	22	2
3	64QAM	1	8	21.34	21.36	21.26		
3	64QAM	1	14	21.17	21.25	21.22		
3	64QAM	8	0	20.20	20.13	20.04	21	3
3	64QAM	8	4	20.19	20.11	20.13		
3	64QAM	8	7	20.15	20.12	20.06		
3	64QAM	15	0	20.11	20.08	20.04		
3	256QAM	1	0	17.88	17.97	17.95	19	5
3	256QAM	1	8	17.88	18.00	17.94		
3	256QAM	1	14	17.99	18.10	17.91		
3	256QAM	8	0	17.96	17.97	17.91	19	5
3	256QAM	8	4	17.81	17.96	17.91		
3	256QAM	8	7	17.93	18.01	17.99		
3	256QAM	15	0	17.83	17.87	17.85		
Channel				23017	23095	23173	Tune-up limit	MPR
Frequency (MHz)				699.7	707.5	715.3	(dBm)	(dB)
1.4	QPSK	1	0	23.03	23.02	22.90	24	0
1.4	QPSK	1	3	23.06	23.06	23.01		
1.4	QPSK	1	5	22.92	23.00	22.97		
1.4	QPSK	3	0	22.99	22.94	22.86		
1.4	QPSK	3	1	22.94	23.00	22.92		
1.4	QPSK	3	3	22.80	22.93	22.92		
1.4	QPSK	6	0	21.97	21.95	21.87	23	1
1.4	16QAM	1	0	22.29	22.39	22.21	23	1
1.4	16QAM	1	3	22.48	22.33	22.33		
1.4	16QAM	1	5	22.15	22.23	22.29		
1.4	16QAM	3	0	22.23	22.33	22.17		
1.4	16QAM	3	1	22.41	22.23	22.28		
1.4	16QAM	3	3	22.06	22.17	22.27		
1.4	16QAM	6	0	21.03	20.96	20.95	22	2
1.4	64QAM	1	0	21.25	21.17	21.11	22	2
1.4	64QAM	1	3	21.33	21.28	21.21		
1.4	64QAM	1	5	21.10	21.20	21.12		
1.4	64QAM	3	0	21.21	21.11	21.01		
1.4	64QAM	3	1	21.31	21.18	21.16		
1.4	64QAM	3	3	20.98	21.16	21.10		
1.4	64QAM	6	0	20.10	20.03	20.00	21	3
1.4	256QAM	1	0	17.86	17.92	17.88	19	5
1.4	256QAM	1	3	17.79	17.91	17.93		
1.4	256QAM	1	5	17.89	17.98	17.85		
1.4	256QAM	3	0	17.91	17.92	17.84		
1.4	256QAM	3	1	17.70	17.85	17.90		
1.4	256QAM	3	3	17.88	17.95	17.92		
1.4	256QAM	6	0	17.74	17.85	17.75	19	5

Band 12_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.73	22.62	22.74	24	0
10	QPSK	1	25	22.69	22.68	22.68		
10	QPSK	1	49	22.71	22.71	22.73		
10	QPSK	25	0	21.79	21.81	21.75	23	1
10	QPSK	25	12	21.77	21.72	21.70		
10	QPSK	25	25	21.77	21.73	21.73		
10	QPSK	50	0	21.75	21.76	21.70		
10	16QAM	1	0	22.00	21.96	21.96	23	1
10	16QAM	1	25	22.01	22.08	22.04		
10	16QAM	1	49	22.10	22.06	22.04		
10	16QAM	25	0	20.71	20.71	20.75	22	2
10	16QAM	25	12	20.80	20.74	20.75		
10	16QAM	25	25	20.79	20.81	20.80		
10	16QAM	50	0	20.79	20.70	20.69		
10	64QAM	1	0	20.89	20.78	20.83	22	2
10	64QAM	1	25	20.89	20.94	20.91		
10	64QAM	1	49	20.95	21.01	20.91		
10	64QAM	25	0	19.73	19.75	19.73	21	3
10	64QAM	25	12	19.82	19.76	19.76		
10	64QAM	25	25	19.81	19.85	19.85		
10	64QAM	50	0	19.80	19.71	19.69		
10	256QAM	1	0	17.47	17.49	17.49	19	5
10	256QAM	1	25	17.57	17.60	17.68		
10	256QAM	1	49	17.48	17.43	17.44		
10	256QAM	25	0	17.53	17.50	17.51	19	5
10	256QAM	25	12	17.53	17.45	17.44		
10	256QAM	25	25	17.51	17.54	17.54		
10	256QAM	50	0	17.64	17.56	17.63		
Channel				23035	23095	23155	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	0	22.62	22.60	22.64	24	0
5	QPSK	1	12	22.59	22.70	22.73		
5	QPSK	1	24	22.68	22.70	22.69		
5	QPSK	12	0	21.75	21.68	21.62	23	1
5	QPSK	12	7	21.74	21.73	21.65		
5	QPSK	12	13	21.72	21.73	21.70		
5	QPSK	25	0	21.71	21.65	21.61		
5	16QAM	1	0	21.93	21.99	22.01	23	1
5	16QAM	1	12	22.07	21.98	22.00		
5	16QAM	1	24	22.06	22.02	22.00		
5	16QAM	12	0	20.78	20.71	20.67	22	2
5	16QAM	12	7	20.76	20.69	20.66		
5	16QAM	12	13	20.74	20.77	20.72		
5	16QAM	25	0	20.72	20.70	20.67		
5	64QAM	1	0	20.77	20.84	20.83	22	2
5	64QAM	1	12	20.81	20.82	20.83		
5	64QAM	1	24	20.89	20.90	20.83		
5	64QAM	12	0	19.80	19.73	19.71	21	3
5	64QAM	12	7	19.79	19.74	19.75		
5	64QAM	12	13	19.71	19.73	19.74		
5	64QAM	25	0	19.75	19.74	19.66		
5	256QAM	1	0	17.39	17.49	17.46	19	5
5	256QAM	1	12	17.56	17.63	17.66		
5	256QAM	1	24	17.53	17.46	17.43		
5	256QAM	12	0	17.58	17.56	17.54	19	5
5	256QAM	12	7	17.57	17.51	17.55		
5	256QAM	12	13	17.57	17.62	17.54		
5	256QAM	25	0	17.56	17.55	17.56		
Channel				23025	23095	23165	Tune-up limit	MPR
Frequency (MHz)				700.5	707.5	714.5	(dBm)	(dB)
3	QPSK	1	0	22.54	22.52	22.50	24	0
3	QPSK	1	8	22.68	22.68	22.67		
3	QPSK	1	14	22.54	22.56	22.54		
3	QPSK	8	0	21.61	21.56	21.49	23	1
3	QPSK	8	4	21.64	21.53	21.54		
3	QPSK	8	7	21.64	21.59	21.64		
3	QPSK	15	0	21.50	21.58	21.60		
3	16QAM	1	0	21.92	21.95	21.92	23	1
3	16QAM	1	8	21.99	21.92	21.94		
3	16QAM	1	14	21.99	21.99	21.98		
3	16QAM	8	0	20.66	20.52	20.66	22	2
3	16QAM	8	4	20.59	20.53	20.61		
3	16QAM	8	7	20.70	20.65	20.67		
3	16QAM	15	0	20.57	20.66	20.63		
3	64QAM	1	0	20.68	20.80	20.77	22	2
3	64QAM	1	8	20.69	20.74	20.74		
3	64QAM	1	14	20.71	20.69	20.78		
3	64QAM	8	0	19.62	19.62	19.62	21	3
3	64QAM	8	4	19.65	19.73	19.66		
3	64QAM	8	7	19.66	19.71	19.71		
3	64QAM	15	0	19.56	19.61	19.57		
3	256QAM	1	0	17.26	17.33	17.36	19	5
3	256QAM	1	8	17.55	17.65	17.51		
3	256QAM	1	14	17.34	17.34	17.35		
3	256QAM	8	0	17.49	17.35	17.52	19	5
3	256QAM	8	4	17.37	17.41	17.36		
3	256QAM	8	7	17.43	17.43	17.38		
3	256QAM	15	0	17.54	17.42	17.54		
Channel				23017	23095	23173	Tune-up limit	MPR
Frequency (MHz)				699.7	707.5	715.3	(dBm)	(dB)
1.4	QPSK	1	0	22.52	22.44	22.49	24	0
1.4	QPSK	1	3	22.42	22.45	22.45		
1.4	QPSK	1	5	22.43	22.46	22.43		
1.4	QPSK	3	0	22.53	22.52	22.51		
1.4	QPSK	3	1	22.52	22.52	22.57		
1.4	QPSK	3	3	22.54	22.52	22.54		
1.4	QPSK	6	0	21.65	21.56	21.56	23	1
1.4	16QAM	1	0	21.79	21.73	21.82	23	1
1.4	16QAM	1	3	21.85	21.81	21.73		
1.4	16QAM	1	5	21.75	21.83	21.85		
1.4	16QAM	3	0	21.80	21.75	21.69		
1.4	16QAM	3	1	21.79	21.68	21.81		
1.4	16QAM	3	3	21.80	21.68	21.80		
1.4	16QAM	6	0	20.61	20.62	20.73	22	2
1.4	64QAM	1	0	20.86	20.83	20.83	22	2
1.4	64QAM	1	3	20.86	20.87	20.87		
1.4	64QAM	1	5	20.87	20.75	20.75		
1.4	64QAM	3	0	20.63	20.63	20.66		
1.4	64QAM	3	1	20.66	20.70	20.67		
1.4	64QAM	3	3	20.67	20.65	20.64		
1.4	64QAM	6	0	19.56	19.59	19.60	21	3
1.4	256QAM	1	0	17.67	17.54	17.53	19	5
1.4	256QAM	1	3	17.62	17.55	17.71		
1.4	256QAM	1	5	17.52	17.63	17.56		
1.4	256QAM	3	0	17.64	17.72	17.65		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.62	17.76	17.65		
1.4	256QAM	6	0	17.78	17.66	17.68	19	5

Band 13_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.02		24	0
10	QPSK	1	25		22.98			
10	QPSK	1	49		23.00			
10	QPSK	25	0		22.11		23	1
10	QPSK	25	12		22.01			
10	QPSK	25	25		22.08			
10	QPSK	50	0		22.07			
10	16QAM	1	0		22.35		23	1
10	16QAM	1	25		22.33			
10	16QAM	1	49		22.35			
10	16QAM	25	0		21.06		22	2
10	16QAM	25	12		21.04			
10	16QAM	25	25		21.07			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.14		22	2
10	64QAM	1	25		21.21			
10	64QAM	1	49		21.25			
10	64QAM	25	0		20.08		21	3
10	64QAM	25	12		20.09			
10	64QAM	25	25		20.11			
10	64QAM	50	0		20.11			
10	256QAM	1	0		17.95		19	5
10	256QAM	1	25		17.96			
10	256QAM	1	49		17.92			
10	256QAM	25	0		17.93		19	5
10	256QAM	25	12		17.90			
10	256QAM	25	25		17.90			
10	256QAM	50	0		17.89			
Channel				23205	23230	23255	Tune-up limit	MPR
Frequency (MHz)				779.5	782	784.5	(dBm)	(dB)
5	QPSK	1	0	22.97	22.96	22.96	24	0
5	QPSK	1	12	23.03	22.99	22.97		
5	QPSK	1	24	22.92	22.96	22.97		
5	QPSK	12	0	21.92	21.98	21.96	23	1
5	QPSK	12	7	22.05	22.02	22.02		
5	QPSK	12	13	22.02	22.04	22.05		
5	QPSK	25	0	22.11	21.97	21.97		
5	16QAM	1	0	22.24	22.34	22.31	23	1
5	16QAM	1	12	22.24	22.30	22.33		
5	16QAM	1	24	22.32	22.31	22.25		
5	16QAM	12	0	21.02	20.99	20.99	22	2
5	16QAM	12	7	21.10	21.05	21.03		
5	16QAM	12	13	21.08	21.09	21.08		
5	16QAM	25	0	21.10	21.03	20.98		
5	64QAM	1	0	21.11	21.20	21.21	22	2
5	64QAM	1	12	21.19	21.17	21.18		
5	64QAM	1	24	21.23	21.19	21.21		
5	64QAM	12	0	20.02	20.01	20.01	21	3
5	64QAM	12	7	20.13	20.08	20.10		
5	64QAM	12	13	20.06	20.10	20.08		
5	64QAM	25	0	20.06	20.00	20.01		
5	256QAM	1	0	17.92	17.97	17.91	19	5
5	256QAM	1	12	17.94	17.98	17.99		
5	256QAM	1	24	18.00	17.90	17.99		
5	256QAM	12	0	17.89	17.92	17.98	19	5
5	256QAM	12	7	18.06	17.96	18.04		
5	256QAM	12	13	18.02	17.97	18.03		
5	256QAM	25	0	18.04	17.98	17.94		

Band 13_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.33		24	0
10	QPSK	1	25		23.31			
10	QPSK	1	49		23.32			
10	QPSK	25	0		21.74		23	1
10	QPSK	25	12		21.67			
10	QPSK	25	25		21.72			
10	QPSK	50	0		21.67			
10	16QAM	1	0		21.91		23	1
10	16QAM	1	25		22.18			
10	16QAM	1	49		22.43			
10	16QAM	25	0		20.82		22	2
10	16QAM	25	12		20.83			
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.69			
10	64QAM	1	0		20.83		22	2
10	64QAM	1	25		20.98			
10	64QAM	1	49		21.07			
10	64QAM	25	0		19.82		21	3
10	64QAM	25	12		19.72			
10	64QAM	25	25		19.82			
10	64QAM	50	0		19.81			
10	256QAM	1	0		18.82		19	5
10	256QAM	1	25		18.72			
10	256QAM	1	49		18.82			
10	256QAM	25	0		18.82		19	5
10	256QAM	25	12		18.72			
10	256QAM	25	25		18.82			
10	256QAM	50	0		18.81			
Channel				23205	23230	23255	Tune-up limit	MPR
Frequency (MHz)				779.5	782	784.5	(dBm)	(dB)
5	QPSK	1	0	23.46	23.57	23.52	24	0
5	QPSK	1	12	23.40	23.79	23.53		
5	QPSK	1	24	23.39	23.39	23.28		
5	QPSK	12	0	21.75	21.60	21.70	23	1
5	QPSK	12	7	21.85	21.68	21.80		
5	QPSK	12	13	21.76	21.68	21.73		
5	QPSK	25	0	21.88	21.65	21.70		
5	16QAM	1	0	22.28	21.68	22.40	23	1
5	16QAM	1	12	21.94	21.62	22.16		
5	16QAM	1	24	21.94	21.78	22.35		
5	16QAM	12	0	20.76	20.77	20.70	22	2
5	16QAM	12	7	20.84	20.86	20.83		
5	16QAM	12	13	20.86	20.85	20.78		
5	16QAM	25	0	20.83	20.67	20.80		
5	64QAM	1	0	21.13	21.08	21.12	22	2
5	64QAM	1	12	21.06	21.03	21.00		
5	64QAM	1	24	20.99	21.16	20.96		
5	64QAM	12	0	19.75	19.86	19.61	21	3
5	64QAM	12	7	19.72	19.75	19.84		
5	64QAM	12	13	19.75	19.95	19.79		
5	64QAM	25	0	19.90	19.81	19.82		
5	256QAM	1	0	18.79	18.81	18.76	19	5
5	256QAM	1	12	18.63	18.68	18.61		
5	256QAM	1	24	18.72	18.74	18.76		
5	256QAM	12	0	18.79	18.72	18.72	19	5
5	256QAM	12	7	18.69	18.62	18.64		
5	256QAM	12	13	18.72	18.72	18.70		
5	256QAM	25	0	18.71	18.79	18.80		

Band 14_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.99		24	0
10	QPSK	1	25		22.96			
10	QPSK	1	49		22.91			
10	QPSK	25	0		22.10		23	1
10	QPSK	25	12		22.04			
10	QPSK	25	25		22.02			
10	QPSK	50	0		22.02			
10	16QAM	1	0		22.27		23	1
10	16QAM	1	25		22.32			
10	16QAM	1	49		22.32			
10	16QAM	25	0		21.03		22	2
10	16QAM	25	12		21.07			
10	16QAM	25	25		21.13			
10	16QAM	50	0		21.03			
10	64QAM	1	0		21.14		22	2
10	64QAM	1	25		21.12			
10	64QAM	1	49		21.14			
10	64QAM	25	0		20.08		21	3
10	64QAM	25	12		20.10			
10	64QAM	25	25		20.17			
10	64QAM	50	0		20.07			
10	256QAM	1	0		17.92		19	5
10	256QAM	1	25		17.91			
10	256QAM	1	49		17.99			
10	256QAM	25	0		17.98		19	5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.11			
10	256QAM	50	0		17.97			
Channel				23305	23330	23355	Tune-up limit	MPR
Frequency (MHz)				790.5	793	795.5	(dBm)	(dB)
5	QPSK	1	0	22.89	22.90	22.89	24	0
5	QPSK	1	12	22.95	22.97	22.96		
5	QPSK	1	24	22.93	22.98	22.94		
5	QPSK	12	0	21.93	21.95	21.93	23	1
5	QPSK	12	7	22.10	22.11	22.01		
5	QPSK	12	13	22.10	22.11	22.07		
5	QPSK	25	0	22.07	21.97	21.93		
5	16QAM	1	0	22.29	22.23	22.24	23	1
5	16QAM	1	12	22.31	22.27	22.29		
5	16QAM	1	24	22.31	22.26	22.30		
5	16QAM	12	0	20.97	20.97	20.93	22	2
5	16QAM	12	7	21.13	21.08	21.05		
5	16QAM	12	13	21.15	21.12	21.11		
5	16QAM	25	0	21.08	20.98	20.97		
5	64QAM	1	0	21.10	21.12	21.12	22	2
5	64QAM	1	12	21.17	21.14	21.17		
5	64QAM	1	24	21.26	21.20	21.17		
5	64QAM	12	0	20.02	20.01	19.98	21	3
5	64QAM	12	7	20.18	20.17	20.07		
5	64QAM	12	13	20.16	20.11	20.11		
5	64QAM	25	0	20.09	19.98	20.00		
5	256QAM	1	0	17.99	18.01	18.01	19	5
5	256QAM	1	12	18.05	17.91	17.96		
5	256QAM	1	24	18.10	17.96	18.14		
5	256QAM	12	0	17.98	17.99	17.96	19	5
5	256QAM	12	7	17.99	17.89	17.99		
5	256QAM	12	13	18.08	18.12	18.07		
5	256QAM	25	0	17.96	17.98	18.00		

Band 14_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.73		24	0
10	QPSK	1	25		22.70			
10	QPSK	1	49		22.66			
10	QPSK	25	0		21.85		23	1
10	QPSK	25	12		21.78			
10	QPSK	25	25		21.81			
10	QPSK	50	0		21.71			
10	16QAM	1	0		22.02		23	1
10	16QAM	1	25		21.98			
10	16QAM	1	49		22.04			
10	16QAM	25	0		20.72		22	2
10	16QAM	25	12		20.80			
10	16QAM	25	25		20.85			
10	16QAM	50	0		20.75			
10	64QAM	1	0		20.80		22	2
10	64QAM	1	25		20.86			
10	64QAM	1	49		20.87			
10	64QAM	25	0		19.78		21	3
10	64QAM	25	12		19.82			
10	64QAM	25	25		19.88			
10	64QAM	50	0		19.79			
10	256QAM	1	0		17.84		19	5
10	256QAM	1	25		17.86			
10	256QAM	1	49		17.90			
10	256QAM	25	0		17.86		19	5
10	256QAM	25	12		17.87			
10	256QAM	25	25		17.78			
10	256QAM	50	0		17.76			
Channel				23305	23330	23355	Tune-up limit	MPR
Frequency (MHz)				790.5	793	795.5	(dBm)	(dB)
5	QPSK	1	0	22.69	22.66	22.63	24	0
5	QPSK	1	12	22.67	22.70	22.64		
5	QPSK	1	24	22.68	22.67	22.66		
5	QPSK	12	0	21.70	21.65	21.66	23	1
5	QPSK	12	7	21.84	21.84	21.76		
5	QPSK	12	13	21.83	21.83	21.79		
5	QPSK	25	0	21.79	21.70	21.69		
5	16QAM	1	0	22.04	21.90	21.98	23	1
5	16QAM	1	12	22.05	22.00	21.97		
5	16QAM	1	24	21.98	22.05	21.95		
5	16QAM	12	0	20.70	20.66	20.69	22	2
5	16QAM	12	7	20.84	20.80	20.73		
5	16QAM	12	13	20.87	20.83	20.83		
5	16QAM	25	0	20.81	20.69	20.72		
5	64QAM	1	0	20.82	20.81	20.84	22	2
5	64QAM	1	12	20.86	20.88	20.85		
5	64QAM	1	24	20.96	20.91	20.93		
5	64QAM	12	0	19.71	19.68	19.71	21	3
5	64QAM	12	7	19.91	19.88	19.75		
5	64QAM	12	13	19.87	19.84	19.86		
5	64QAM	25	0	19.85	19.72	19.74		
5	256QAM	1	0	17.76	17.83	17.76	19	5
5	256QAM	1	12	17.83	17.80	17.77		
5	256QAM	1	24	17.79	17.81	17.88		
5	256QAM	12	0	17.90	17.76	17.88	19	5
5	256QAM	12	7	17.79	17.85	17.84		
5	256QAM	12	13	17.78	17.77	17.80		
5	256QAM	25	0	17.76	17.89	17.89		

Band 17_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.95	23.18	22.96	24	0
10	QPSK	1	25	22.94	22.95	22.92		
10	QPSK	1	49	22.97	22.92	22.95		
10	QPSK	25	0	22.13	22.15	22.11	23	1
10	QPSK	25	12	22.11	22.02	22.08		
10	QPSK	25	25	22.09	22.10	22.09		
10	QPSK	50	0	22.02	22.07	22.02		
10	16QAM	1	0	22.32	22.17	22.22	23	1
10	16QAM	1	25	22.31	22.28	22.32		
10	16QAM	1	49	22.28	22.25	22.27		
10	16QAM	25	0	21.08	21.06	21.05	22	2
10	16QAM	25	12	21.20	21.11	21.13		
10	16QAM	25	25	21.11	21.12	21.10		
10	16QAM	50	0	21.04	21.06	21.04		
10	64QAM	1	0	21.15	21.08	21.13	22	2
10	64QAM	1	25	21.16	21.17	21.11		
10	64QAM	1	49	21.19	21.23	21.21		
10	64QAM	25	0	20.11	20.10	20.07	21	3
10	64QAM	25	12	20.17	20.13	20.13		
10	64QAM	25	25	20.17	20.13	20.12		
10	64QAM	50	0	20.05	20.09	20.05		
10	256QAM	1	0	17.95	17.90	17.95	19	5
10	256QAM	1	25	17.96	17.96	17.97		
10	256QAM	1	49	17.97	18.03	17.98		
10	256QAM	25	0	18.06	17.89	17.93	19	5
10	256QAM	25	12	18.05	18.04	18.08		
10	256QAM	25	25	17.95	17.99	18.02		
10	256QAM	50	0	17.89	17.91	17.86		
Channel				23755	23790	23825	Tune-up limit	MPR
Frequency (MHz)				706.5	710	713.5	(dBm)	(dB)
5	QPSK	1	0	22.97	22.99	23.00	24	0
5	QPSK	1	12	22.86	22.96	22.98		
5	QPSK	1	24	22.92	22.97	22.95		
5	QPSK	12	0	22.06	22.08	22.05	23	1
5	QPSK	12	7	22.06	22.02	22.07		
5	QPSK	12	13	22.03	22.03	22.00		
5	QPSK	25	0	22.08	22.02	21.99		
5	16QAM	1	0	22.34	22.33	22.36	23	1
5	16QAM	1	12	22.32	22.34	22.35		
5	16QAM	1	24	22.24	22.32	22.31		
5	16QAM	12	0	21.08	21.09	21.05	22	2
5	16QAM	12	7	21.13	21.05	21.07		
5	16QAM	12	13	21.04	21.08	21.01		
5	16QAM	25	0	21.10	21.08	21.01		
5	64QAM	1	0	21.25	21.19	21.14	22	2
5	64QAM	1	12	21.10	21.18	21.07		
5	64QAM	1	24	21.13	21.19	21.14		
5	64QAM	12	0	20.08	20.12	20.09	21	3
5	64QAM	12	7	20.13	20.09	20.13		
5	64QAM	12	13	20.05	20.07	20.06		
5	64QAM	25	0	20.11	20.07	19.99		
5	256QAM	1	0	17.90	17.89	17.96	19	5
5	256QAM	1	12	18.02	17.96	17.93		
5	256QAM	1	24	17.94	18.04	18.01		
5	256QAM	12	0	17.99	17.89	17.95	19	5
5	256QAM	12	7	18.00	17.99	18.06		
5	256QAM	12	13	17.98	17.92	17.92		
5	256QAM	25	0	17.92	17.92	17.87		

Band 17_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.73	22.81	22.73	24	0
10	QPSK	1	25	22.66	22.72	22.68		
10	QPSK	1	49	22.61	22.71	22.63		
10	QPSK	25	0	21.82	21.87	21.84	23	1
10	QPSK	25	12	21.80	21.85	21.81		
10	QPSK	25	25	21.78	21.82	21.80		
10	QPSK	50	0	21.72	21.77	21.76		
10	16QAM	1	0	21.96	21.93	22.00	23	1
10	16QAM	1	25	21.96	22.06	22.02		
10	16QAM	1	49	22.01	22.10	22.05		
10	16QAM	25	0	20.79	20.81	20.80	22	2
10	16QAM	25	12	20.91	20.83	20.82		
10	16QAM	25	25	20.89	20.89	20.85		
10	16QAM	50	0	20.77	20.80	20.77		
10	64QAM	1	0	20.87	20.79	20.91	22	2
10	64QAM	1	25	20.86	20.91	20.94		
10	64QAM	1	49	20.88	20.98	20.91		
10	64QAM	25	0	19.84	19.84	19.83	21	3
10	64QAM	25	12	19.95	19.87	19.84		
10	64QAM	25	25	19.88	19.90	19.84		
10	64QAM	50	0	19.76	19.80	19.77		
10	256QAM	1	0	17.85	17.89	17.98	19	5
10	256QAM	1	25	17.88	17.84	17.86		
10	256QAM	1	49	17.87	17.84	17.87		
10	256QAM	25	0	17.94	17.93	17.95	19	5
10	256QAM	25	12	17.89	17.86	17.88		
10	256QAM	25	25	17.96	17.92	17.84		
10	256QAM	50	0	17.96	17.96	17.90		
Channel				23755	23790	23825	Tune-up limit	MPR
Frequency (MHz)				706.5	710	713.5	(dBm)	(dB)
5	QPSK	1	0	22.71	22.74	22.76	24	0
5	QPSK	1	12	22.71	22.68	22.71		
5	QPSK	1	24	22.64	22.70	22.75		
5	QPSK	12	0	21.80	21.77	21.77	23	1
5	QPSK	12	7	21.82	21.76	21.80		
5	QPSK	12	13	21.75	21.78	21.75		
5	QPSK	25	0	21.82	21.76	21.74		
5	16QAM	1	0	22.12	22.15	22.06	23	1
5	16QAM	1	12	21.93	22.09	22.03		
5	16QAM	1	24	21.99	22.08	21.99		
5	16QAM	12	0	20.82	20.85	20.82	22	2
5	16QAM	12	7	20.80	20.77	20.82		
5	16QAM	12	13	20.76	20.80	20.77		
5	16QAM	25	0	20.83	20.78	20.76		
5	64QAM	1	0	20.89	20.95	20.93	22	2
5	64QAM	1	12	20.82	20.92	20.89		
5	64QAM	1	24	20.84	20.84	20.92		
5	64QAM	12	0	19.84	19.86	19.83	21	3
5	64QAM	12	7	19.86	19.83	19.87		
5	64QAM	12	13	19.79	19.82	19.80		
5	64QAM	25	0	19.84	19.80	19.76		
5	256QAM	1	0	17.92	17.89	17.96	19	5
5	256QAM	1	12	17.92	17.88	17.85		
5	256QAM	1	24	17.94	17.94	17.92		
5	256QAM	12	0	17.89	17.88	17.89	19	5
5	256QAM	12	7	17.91	17.89	17.86		
5	256QAM	12	13	17.89	17.89	17.88		
5	256QAM	25	0	17.98	17.92	17.84		

Band 25_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.27	23.35	23.23	24	0
20	QPSK	1	49	22.97	23.00	23.02		
20	QPSK	1	99	22.83	22.89	22.96		
20	QPSK	50	0	22.18	22.26	22.13	23	1
20	QPSK	50	24	22.09	22.07	22.10		
20	QPSK	50	50	22.02	22.08	22.08		
20	QPSK	100	0	22.04	22.13	22.11		
20	16QAM	1	0	22.22	22.40	22.30	23	1
20	16QAM	1	49	22.30	22.32	22.37		
20	16QAM	1	99	22.23	22.27	22.28		
20	16QAM	50	0	21.08	21.07	21.09	22	2
20	16QAM	50	24	21.06	21.05	21.09		
20	16QAM	50	50	21.05	21.08	21.14		
20	16QAM	100	0	21.07	21.05	21.13		
20	64QAM	1	0	21.05	21.22	21.19	22	2
20	64QAM	1	49	21.21	21.16	21.24		
20	64QAM	1	99	21.21	21.13	21.20		
20	64QAM	50	0	20.12	20.09	20.11	21	3
20	64QAM	50	24	20.10	20.09	20.16		
20	64QAM	50	50	20.07	20.10	20.15		
20	64QAM	100	0	20.09	20.07	20.09		
20	256QAM	1	0	17.93	17.97	18.00	19	5
20	256QAM	1	49	18.02	17.92	17.97		
20	256QAM	1	99	18.00	17.89	17.92		
20	256QAM	50	0	18.01	17.90	17.97	19	5
20	256QAM	50	24	17.86	17.88	18.04		
20	256QAM	50	50	17.91	17.96	17.99		
20	256QAM	100	0	17.98	17.84	17.91		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.96	22.98	23.01	24	0
15	QPSK	1	37	22.93	22.98	23.02		
15	QPSK	1	74	22.85	22.92	22.94		
15	QPSK	36	0	22.12	22.11	22.14	23	1
15	QPSK	36	20	22.06	22.10	22.20		
15	QPSK	36	39	21.99	22.05	22.09		
15	QPSK	75	0	22.04	22.03	22.18		
15	16QAM	1	0	22.32	22.37	22.38	23	1
15	16QAM	1	37	22.25	22.24	22.37		
15	16QAM	1	74	22.21	22.32	22.36		
15	16QAM	36	0	21.11	21.11	21.19	22	2
15	16QAM	36	20	21.11	21.13	21.17		
15	16QAM	36	39	21.00	21.04	21.10		
15	16QAM	75	0	21.10	21.05	21.19		
15	64QAM	1	0	21.20	21.24	21.22	22	2
15	64QAM	1	37	21.15	21.19	21.21		
15	64QAM	1	74	21.18	21.12	21.23		
15	64QAM	36	0	20.17	20.14	20.19	21	3
15	64QAM	36	20	20.12	20.18	20.22		
15	64QAM	36	39	20.03	20.09	20.15		
15	64QAM	75	0	20.08	20.04	20.23		
15	256QAM	1	0	17.93	18.06	17.95	19	5
15	256QAM	1	37	17.98	17.94	17.93		
15	256QAM	1	74	18.00	17.90	17.93		
15	256QAM	36	0	18.04	17.89	17.98	19	5
15	256QAM	36	20	17.88	17.98	18.12		
15	256QAM	36	39	17.92	17.97	18.03		
15	256QAM	75	0	17.98	17.86	17.91		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.08	23.19	23.29	24	0
10	QPSK	1	25	23.03	23.15	23.19		
10	QPSK	1	49	22.90	23.00	23.24		
10	QPSK	25	0	22.26	22.24	22.32	23	1
10	QPSK	25	12	22.24	22.21	22.30		
10	QPSK	25	25	22.10	22.21	22.26		
10	QPSK	50	0	22.20	22.27	22.27		
10	16QAM	1	0	22.47	22.45	22.59	23	1
10	16QAM	1	25	22.48	22.54	22.60		
10	16QAM	1	49	22.36	22.41	22.58		
10	16QAM	25	0	21.29	21.30	21.29	22	2
10	16QAM	25	12	21.27	21.28	21.35		
10	16QAM	25	25	21.11	21.21	21.28		
10	16QAM	50	0	21.21	21.28	21.28		
10	64QAM	1	0	21.28	21.37	21.44	22	2
10	64QAM	1	25	21.25	21.36	21.43		
10	64QAM	1	49	21.21	21.31	21.50		
10	64QAM	25	0	20.32	20.32	20.37	21	3
10	64QAM	25	12	20.28	20.28	20.36		
10	64QAM	25	25	20.16	20.24	20.30		
10	64QAM	50	0	20.24	20.31	20.30		
10	256QAM	1	0	17.97	18.02	18.05	19	5
10	256QAM	1	25	17.99	17.94	17.93		
10	256QAM	1	49	17.93	17.98	17.99		
10	256QAM	25	0	18.00	17.94	17.90	19	5
10	256QAM	25	12	17.95	17.98	18.03		
10	256QAM	25	25	17.95	18.06	18.02		
10	256QAM	50	0	17.98	17.84	17.96		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.13	23.22	23.25	24	0
5	QPSK	1	12	23.13	23.21	23.27		
5	QPSK	1	24	23.01	23.09	23.29		
5	QPSK	12	0	22.19	22.21	22.33	23	1
5	QPSK	12	7	22.19	22.29	22.33		
5	QPSK	12	13	22.14	22.22	22.29		
5	QPSK	25	0	22.18	22.26	22.30		
5	16QAM	1	0	22.52	22.68	22.59	23	1
5	16QAM	1	12	22.63	22.61	22.62		
5	16QAM	1	24	22.41	22.50	22.66		
5	16QAM	12	0	21.26	21.28	21.40	22	2
5	16QAM	12	7	21.24	21.33	21.37		
5	16QAM	12	13	21.17	21.24	21.34		
5	16QAM	25	0	21.20	21.29	21.35		
5	64QAM	1	0	21.38	21.36	21.48	22	2
5	64QAM	1	12	21.27	21.36	21.37		
5	64QAM	1	24	21.20	21.32	21.45		
5	64QAM	12	0	20.26	20.27	20.39	21	3
5	64QAM	12	7	20.28	20.34	20.39		
5	64QAM	12	13	20.21	20.27	20.31		
5	64QAM	25	0	20.21	20.30	20.33		
5	256QAM	1	0	17.97	18.00	17.97	19	5
5	256QAM	1	12	18.00	17.93	18.04		
5	256QAM	1	24	17.98	17.92	18.00		
5	256QAM	12	0	18.02	17.95	17.88	19	5
5	256QAM	12	7	17.93	17.94	18.04		
5	256QAM	12	13	17.93	18.01	18.00		
5	256QAM	25	0	17.98	17.93	17.95		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.12	23.25	23.28	24	0
3	QPSK	1	8	23.11	23.27	23.31		
3	QPSK	1	14	23.02	23.15	23.23		
3	QPSK	8	0	22.20	22.26	22.30	23	1
3	QPSK	8	4	22.20	22.25	22.32		
3	QPSK	8	7	22.13	22.25	22.31		
3	QPSK	15	0	22.18	22.26	22.29		
3	16QAM	1	0	22.56	22.59	22.64	23	1
3	16QAM	1	8	22.62	22.64	22.78		
3	16QAM	1	14	22.41	22.59	22.55		
3	16QAM	8	0	21.26	21.34	21.37	22	2
3	16QAM	8	4	21.28	21.38	21.37		
3	16QAM	8	7	21.23	21.28	21.33		
3	16QAM	15	0	21.18	21.34	21.36		
3	64QAM	1	0	21.35	21.44	21.50	22	2
3	64QAM	1	8	21.32	21.47	21.57		
3	64QAM	1	14	21.21	21.38	21.48		
3	64QAM	8	0	20.29	20.37	20.43	21	3
3	64QAM	8	4	20.32	20.40	20.38		
3	64QAM	8	7	20.26	20.31	20.42		
3	64QAM	15	0	20.22	20.35	20.42		
3	256QAM	1	0	17.99	17.97	17.99	19	5
3	256QAM	1	8	18.06	17.90	17.93		
3	256QAM	1	14	17.94	17.91	17.98		
3	256QAM	8	0	17.99	17.86	17.96	19	5
3	256QAM	8	4	17.88	17.89	18.04		
3	256QAM	8	7	17.86	18.06	17.99		
3	256QAM	15	0	17.97	17.93	17.96		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.02	23.21	23.18	24	0
1.4	QPSK	1	3	23.08	23.20	23.25		
1.4	QPSK	1	5	23.00	23.08	23.11		
1.4	QPSK	3	0	22.96	23.19	23.09		
1.4	QPSK	3	1	22.98	23.12	23.15		
1.4	QPSK	3	3	22.95	23.00	23.08		
1.4	QPSK	6	0	22.15	22.16	22.25	23	1
1.4	16QAM	1	0	22.55	22.53	22.58	23	1
1.4	16QAM	1	3	22.53	22.52	22.70		
1.4	16QAM	1	5	22.32	22.54	22.50		
1.4	16QAM	3	0	22.44	22.43	22.57		
1.4	16QAM	3	1	22.51	22.46	22.59		
1.4	16QAM	3	3	22.21	22.47	22.45		
1.4	16QAM	6	0	21.07	21.22	21.25	22	2
1.4	64QAM	1	0	21.28	21.33	21.42	22	2
1.4	64QAM	1	3	21.28	21.40	21.49		
1.4	64QAM	1	5	21.17	21.31	21.47		
1.4	64QAM	3	0	21.23	21.21	21.33		
1.4	64QAM	3	1	21.17	21.34	21.45		
1.4	64QAM	3	3	21.09	21.22	21.36		
1.4	64QAM	6	0	20.19	20.30	20.30	21	3
1.4	256QAM	1	0	17.88	17.94	17.87	19	5
1.4	256QAM	1	3	17.95	17.80	17.92		
1.4	256QAM	1	5	17.83	17.81	17.90		
1.4	256QAM	3	0	17.88	17.78	17.92		
1.4	256QAM	3	1	17.87	17.81	17.97		
1.4	256QAM	3	3	17.76	18.05	17.88		
1.4	256QAM	6	0	17.92	17.86	17.93	19	5

Band 25_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.60	22.64	22.50	24	0
20	QPSK	1	49	22.55	22.58	22.49		
20	QPSK	1	99	22.33	22.45	22.36		
20	QPSK	50	0	21.61	21.74	21.61	23	1
20	QPSK	50	24	21.60	21.71	21.57		
20	QPSK	50	50	21.59	21.62	21.56		
20	QPSK	100	0	21.61	21.72	21.57		
20	16QAM	1	0	21.58	21.57	21.52	23	1
20	16QAM	1	49	21.60	21.52	21.58		
20	16QAM	1	99	21.49	21.42	21.44		
20	16QAM	50	0	20.43	20.33	20.26	22	2
20	16QAM	50	24	20.43	20.30	20.24		
20	16QAM	50	50	20.34	20.28	20.27		
20	16QAM	100	0	20.42	20.31	20.22		
20	64QAM	1	0	20.52	20.46	20.28	22	2
20	64QAM	1	49	20.55	20.41	20.48		
20	64QAM	1	99	20.36	20.37	20.34		
20	64QAM	50	0	19.46	19.33	19.26	21	3
20	64QAM	50	24	19.45	19.34	19.26		
20	64QAM	50	50	19.35	19.33	19.30		
20	64QAM	100	0	19.38	19.29	19.23		
20	256QAM	1	0	17.19	17.24	17.31	19	5
20	256QAM	1	49	17.20	17.33	17.30		
20	256QAM	1	99	17.15	17.32	17.18		
20	256QAM	50	0	17.30	17.30	17.21	19	5
20	256QAM	50	24	17.32	17.15	17.29		
20	256QAM	50	50	17.24	17.19	17.29		
20	256QAM	100	0	17.19	17.29	17.31		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.34	22.21	22.15	24	0
15	QPSK	1	37	22.28	22.21	22.10		
15	QPSK	1	74	22.17	22.05	22.03		
15	QPSK	36	0	21.53	21.38	21.25	23	1
15	QPSK	36	20	21.41	21.27	21.30		
15	QPSK	36	39	21.31	21.24	21.15		
15	QPSK	75	0	21.41	21.24	21.29		
15	16QAM	1	0	21.71	21.66	21.59	23	1
15	16QAM	1	37	21.48	21.55	21.41		
15	16QAM	1	74	21.42	21.34	21.41		
15	16QAM	36	0	20.48	20.35	20.32	22	2
15	16QAM	36	20	20.42	20.26	20.30		
15	16QAM	36	39	20.29	20.25	20.16		
15	16QAM	75	0	20.41	20.28	20.32		
15	64QAM	1	0	20.65	20.42	20.34	22	2
15	64QAM	1	37	20.52	20.50	20.42		
15	64QAM	1	74	20.40	20.37	20.28		
15	64QAM	36	0	19.55	19.37	19.35	21	3
15	64QAM	36	20	19.41	19.25	19.35		
15	64QAM	36	39	19.30	19.31	19.26		
15	64QAM	75	0	19.42	19.28	19.32		
15	256QAM	1	0	17.07	17.06	16.95	19	5
15	256QAM	1	37	17.04	17.11	16.95		
15	256QAM	1	74	17.06	17.04	17.07		
15	256QAM	36	0	17.03	17.02	17.09	19	5
15	256QAM	36	20	16.99	17.03	17.09		
15	256QAM	36	39	17.05	17.13	17.09		
15	256QAM	75	0	16.96	17.08	17.00		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.52	22.46	22.38	24	0
10	QPSK	1	25	22.37	22.36	22.24		
10	QPSK	1	49	22.22	22.14	22.34		
10	QPSK	25	0	21.59	21.47	21.42	23	1
10	QPSK	25	12	21.56	21.45	21.37		
10	QPSK	25	25	21.43	21.42	21.30		
10	QPSK	50	0	21.51	21.50	21.30		
10	16QAM	1	0	21.76	21.78	21.72	23	1
10	16QAM	1	25	21.76	21.71	21.61		
10	16QAM	1	49	21.62	21.67	21.69		
10	16QAM	25	0	20.58	20.49	20.37	22	2
10	16QAM	25	12	20.60	20.48	20.32		
10	16QAM	25	25	20.47	20.39	20.30		
10	16QAM	50	0	20.50	20.52	20.32		
10	64QAM	1	0	20.74	20.54	20.51	22	2
10	64QAM	1	25	20.58	20.65	20.42		
10	64QAM	1	49	20.44	20.42	20.57		
10	64QAM	25	0	19.65	19.55	19.44	21	3
10	64QAM	25	12	19.63	19.52	19.43		
10	64QAM	25	25	19.49	19.47	19.38		
10	64QAM	50	0	19.56	19.55	19.37		
10	256QAM	1	0	17.02	17.09	17.08	19	5
10	256QAM	1	25	16.98	16.96	17.01		
10	256QAM	1	49	17.05	16.98	17.04		
10	256QAM	25	0	17.03	16.96	17.03	19	5
10	256QAM	25	12	16.99	17.01	17.00		
10	256QAM	25	25	17.10	17.10	17.00		
10	256QAM	50	0	17.07	17.09	17.05		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.53	22.47	22.24	24	0
5	QPSK	1	12	22.47	22.42	22.28		
5	QPSK	1	24	22.36	22.27	22.36		
5	QPSK	12	0	21.52	21.38	21.34	23	1
5	QPSK	12	7	21.52	21.49	21.40		
5	QPSK	12	13	21.44	21.42	21.32		
5	QPSK	25	0	21.51	21.48	21.32		
5	16QAM	1	0	21.90	21.82	21.62	23	1
5	16QAM	1	12	21.93	21.90	21.76		
5	16QAM	1	24	21.68	21.76	21.67		
5	16QAM	12	0	20.56	20.46	20.39	22	2
5	16QAM	12	7	20.56	20.51	20.41		
5	16QAM	12	13	20.49	20.44	20.38		
5	16QAM	25	0	20.53	20.48	20.37		
5	64QAM	1	0	20.70	20.56	20.48	22	2
5	64QAM	1	12	20.62	20.63	20.65		
5	64QAM	1	24	20.63	20.57	20.63		
5	64QAM	12	0	19.58	19.49	19.49	21	3
5	64QAM	12	7	19.61	19.52	19.52		
5	64QAM	12	13	19.49	19.44	19.37		
5	64QAM	25	0	19.50	19.48	19.41		
5	256QAM	1	0	17.00	17.14	16.99	19	5
5	256QAM	1	12	17.00	17.13	17.09		
5	256QAM	1	24	17.01	17.02	16.97		
5	256QAM	12	0	17.00	17.11	17.10	19	5
5	256QAM	12	7	16.97	17.00	17.08		
5	256QAM	12	13	17.02	17.00	16.98		
5	256QAM	25	0	17.11	17.11	17.06		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.50	22.44	22.51	24	0
3	QPSK	1	8	22.30	22.36	22.22		
3	QPSK	1	14	22.18	22.14	22.09		
3	QPSK	8	0	21.52	21.55	21.53	23	1
3	QPSK	8	4	21.46	21.52	21.51		
3	QPSK	8	7	21.39	21.37	21.36		
3	QPSK	15	0	21.42	21.41	21.42		
3	16QAM	1	0	21.64	21.73	21.67	23	1
3	16QAM	1	8	21.68	21.71	21.72		
3	16QAM	1	14	21.52	21.53	21.55		
3	16QAM	8	0	20.51	20.57	20.43	22	2
3	16QAM	8	4	20.58	20.48	20.47		
3	16QAM	8	7	20.32	20.37	20.37		
3	16QAM	15	0	20.44	20.39	20.46		
3	64QAM	1	0	20.64	20.70	20.60	22	2
3	64QAM	1	8	20.52	20.51	20.55		
3	64QAM	1	14	20.31	20.36	20.32		
3	64QAM	8	0	19.62	19.56	19.63	21	3
3	64QAM	8	4	19.53	19.62	19.62		
3	64QAM	8	7	19.48	19.44	19.45		
3	64QAM	15	0	19.47	19.49	19.46		
3	256QAM	1	0	16.82	16.97	17.01	19	5
3	256QAM	1	8	16.78	16.81	16.89		
3	256QAM	1	14	17.01	16.87	16.92		
3	256QAM	8	0	16.85	16.99	16.93	19	5
3	256QAM	8	4	16.79	16.83	16.95		
3	256QAM	8	7	16.95	16.89	17.01		
3	256QAM	15	0	16.89	16.88	16.90		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.97	21.96	22.05	24	0
1.4	QPSK	1	3	21.97	21.94	21.99		
1.4	QPSK	1	5	21.97	21.97	21.92		
1.4	QPSK	3	0	21.94	21.89	21.83		
1.4	QPSK	3	1	21.92	21.90	21.82		
1.4	QPSK	3	3	21.87	21.90	21.82		
1.4	QPSK	6	0	21.00	21.02	21.09	23	1
1.4	16QAM	1	0	21.23	21.18	21.23	23	1
1.4	16QAM	1	3	21.17	21.25	21.20		
1.4	16QAM	1	5	21.23	21.19	21.13		
1.4	16QAM	3	0	21.08	21.14	21.09		
1.4	16QAM	3	1	21.03	21.12	21.04		
1.4	16QAM	3	3	21.07	21.15	21.08		
1.4	16QAM	6	0	20.10	20.15	20.15	22	2
1.4	64QAM	1	0	20.00	20.04	20.05	22	2
1.4	64QAM	1	3	20.05	20.01	20.00		
1.4	64QAM	1	5	20.03	20.13	20.13		
1.4	64QAM	3	0	20.16	20.18	20.15		
1.4	64QAM	3	1	20.14	20.14	20.13		
1.4	64QAM	3	3	20.15	20.19	20.12		
1.4	64QAM	6	0	19.08	19.06	19.04	21	3
1.4	256QAM	1	0	16.97	17.12	17.11	19	5
1.4	256QAM	1	3	17.04	17.08	16.96		
1.4	256QAM	1	5	17.03	16.97	16.97		
1.4	256QAM	3	0	17.03	16.99	17.09		
1.4	256QAM	3	1	16.98	17.13	17.05		
1.4	256QAM	3	3	17.09	16.98	16.96		
1.4	256QAM	6	0	16.97	17.00	17.00	19	5

Band 26_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.04	23.13	23.01	24	0
15	QPSK	1	37	22.97	23.06	22.95		
15	QPSK	1	74	22.93	23.02	22.87		
15	QPSK	36	0	22.12	22.19	22.07	23	1
15	QPSK	36	20	22.05	22.15	22.04		
15	QPSK	36	39	22.02	22.08	22.05		
15	QPSK	75	0	22.07	22.24	22.08		
15	16QAM	1	0	22.42	22.39	22.36	23	1
15	16QAM	1	37	22.31	22.43	22.26		
15	16QAM	1	74	22.33	22.43	22.23		
15	16QAM	36	0	21.05	21.21	21.07	22	2
15	16QAM	36	20	21.09	21.20	21.12		
15	16QAM	36	39	21.11	21.25	21.12		
15	16QAM	75	0	21.18	21.23	21.06		
15	64QAM	1	0	21.25	21.23	21.21	22	2
15	64QAM	1	37	21.24	21.35	21.21		
15	64QAM	1	74	21.21	21.22	21.05		
15	64QAM	36	0	20.07	20.27	20.11	21	3
15	64QAM	36	20	20.14	20.23	20.16		
15	64QAM	36	39	20.14	20.28	20.14		
15	64QAM	75	0	20.15	20.20	20.08		
15	256QAM	1	0	17.86	18.13	17.93	19	5
15	256QAM	1	37	17.92	18.13	18.07		
15	256QAM	1	74	18.09	18.19	18.04		
15	256QAM	36	0	17.98	18.18	17.90	19	5
15	256QAM	36	20	18.00	18.09	18.03		
15	256QAM	36	39	18.00	18.16	17.97		
15	256QAM	75	0	18.09	18.05	17.92		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.90	23.06	22.90	24	0
10	QPSK	1	25	22.96	23.02	22.87		
10	QPSK	1	49	22.82	22.94	22.77		
10	QPSK	25	0	21.94	22.07	22.04	23	1
10	QPSK	25	12	21.96	22.13	21.98		
10	QPSK	25	25	21.96	22.07	22.00		
10	QPSK	50	0	22.02	22.23	22.01		
10	16QAM	1	0	22.41	22.29	22.25	23	1
10	16QAM	1	25	22.21	22.36	22.16		
10	16QAM	1	49	22.23	22.39	22.15		
10	16QAM	25	0	20.95	21.16	20.96	22	2
10	16QAM	25	12	21.05	21.17	21.00		
10	16QAM	25	25	21.08	21.20	21.09		
10	16QAM	50	0	21.11	21.13	20.97		
10	64QAM	1	0	21.18	21.22	21.20	22	2
10	64QAM	1	25	21.14	21.34	21.20		
10	64QAM	1	49	21.16	21.16	21.03		
10	64QAM	25	0	19.98	20.25	20.04	21	3
10	64QAM	25	12	20.03	20.16	20.15		
10	64QAM	25	25	20.08	20.19	20.13		
10	64QAM	50	0	20.13	20.15	20.07		
10	256QAM	1	0	17.86	18.22	18.00	19	5
10	256QAM	1	25	18.01	18.11	18.05		
10	256QAM	1	49	17.99	18.19	17.96		
10	256QAM	25	0	17.88	18.20	18.00	19	5
10	256QAM	25	12	18.01	18.12	17.94		
10	256QAM	25	25	17.98	18.14	18.00		
10	256QAM	50	0	18.09	18.05	17.95		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.72	22.92	22.66	24	0
5	QPSK	1	12	22.65	22.85	22.67		
5	QPSK	1	24	22.69	22.71	22.61		
5	QPSK	12	0	21.74	21.97	21.77	23	1
5	QPSK	12	7	21.81	21.85	21.74		
5	QPSK	12	13	21.75	21.85	21.82		
5	QPSK	25	0	21.75	21.96	21.78		
5	16QAM	1	0	22.11	22.08	22.12	23	1
5	16QAM	1	12	22.03	22.18	21.94		
5	16QAM	1	24	22.09	22.19	22.00		
5	16QAM	12	0	20.83	20.99	20.80	22	2
5	16QAM	12	7	20.77	20.93	20.82		
5	16QAM	12	13	20.85	21.04	20.90		
5	16QAM	25	0	20.93	20.99	20.75		
5	64QAM	1	0	20.98	20.93	20.95	22	2
5	64QAM	1	12	21.02	21.06	20.97		
5	64QAM	1	24	20.98	20.95	20.73		
5	64QAM	12	0	19.86	19.98	19.81	21	3
5	64QAM	12	7	19.86	19.92	19.87		
5	64QAM	12	13	19.83	20.00	19.88		
5	64QAM	25	0	19.89	19.94	19.79		
5	256QAM	1	0	17.68	17.95	17.71	19	5
5	256QAM	1	12	17.75	17.88	17.86		
5	256QAM	1	24	17.90	17.91	17.85		
5	256QAM	12	0	17.77	17.95	17.75	19	5
5	256QAM	12	7	17.77	17.91	17.72		
5	256QAM	12	13	17.82	18.04	17.78		
5	256QAM	25	0	17.82	17.91	17.75		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.67	22.84	22.75	24	0
3	QPSK	1	8	22.76	22.75	22.74		
3	QPSK	1	14	22.66	22.79	22.61		
3	QPSK	8	0	21.76	21.89	21.85	23	1
3	QPSK	8	4	21.83	21.84	21.81		
3	QPSK	8	7	21.79	21.77	21.79		
3	QPSK	15	0	21.83	22.03	21.83		
3	16QAM	1	0	22.14	22.13	22.07	23	1
3	16QAM	1	8	22.00	22.22	21.99		
3	16QAM	1	14	22.03	22.16	21.98		
3	16QAM	8	0	20.79	20.90	20.81	22	2
3	16QAM	8	4	20.80	20.89	20.82		
3	16QAM	8	7	20.84	20.96	20.89		
3	16QAM	15	0	20.90	20.92	20.75		
3	64QAM	1	0	21.00	20.96	21.00	22	2
3	64QAM	1	8	21.03	21.05	20.99		
3	64QAM	1	14	20.98	21.01	20.82		
3	64QAM	8	0	19.77	20.03	19.87	21	3
3	64QAM	8	4	19.88	19.97	19.87		
3	64QAM	8	7	19.92	20.02	19.83		
3	64QAM	15	0	19.91	19.92	19.77		
3	256QAM	1	0	17.68	17.99	17.81	19	5
3	256QAM	1	8	17.82	17.87	17.92		
3	256QAM	1	14	17.80	18.01	17.84		
3	256QAM	8	0	17.73	18.01	17.73	19	5
3	256QAM	8	4	17.79	17.84	17.81		
3	256QAM	8	7	17.83	17.97	17.77		
3	256QAM	15	0	17.85	17.95	17.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.73	22.87	22.74	24	0
1.4	QPSK	1	3	22.76	22.85	22.67		
1.4	QPSK	1	5	22.64	22.78	22.60		
1.4	QPSK	3	0	22.63	22.85	22.69		
1.4	QPSK	3	1	22.65	22.75	22.65		
1.4	QPSK	3	3	22.61	22.77	22.55		
1.4	QPSK	6	0	21.82	21.95	21.76	23	1
1.4	16QAM	1	0	22.19	22.14	22.09	23	1
1.4	16QAM	1	3	22.09	22.18	21.95		
1.4	16QAM	1	5	22.11	22.13	21.97		
1.4	16QAM	3	0	22.17	22.04	21.97		
1.4	16QAM	3	1	22.07	22.12	21.91		
1.4	16QAM	3	3	21.99	22.10	21.96		
1.4	16QAM	6	0	20.96	20.99	20.77	22	2
1.4	64QAM	1	0	21.00	20.97	20.94	22	2
1.4	64QAM	1	3	21.02	21.06	20.95		
1.4	64QAM	1	5	20.93	20.98	20.75		
1.4	64QAM	3	0	20.90	20.94	20.87		
1.4	64QAM	3	1	20.95	21.03	20.92		
1.4	64QAM	3	3	20.81	20.88	20.69		
1.4	64QAM	6	0	19.85	19.97	19.86	21	3
1.4	256QAM	1	0	17.66	17.97	17.78	19	5
1.4	256QAM	1	3	17.75	17.87	17.86		
1.4	256QAM	1	5	17.84	18.01	17.77		
1.4	256QAM	3	0	17.76	18.03	17.69		
1.4	256QAM	3	1	17.76	17.92	17.73		
1.4	256QAM	3	3	17.82	18.01	17.83		
1.4	256QAM	6	0	17.90	17.96	17.77	19	5

Band 26_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.79	22.82	22.79	24	0
15	QPSK	1	37	22.78	22.81	22.78		
15	QPSK	1	74	22.72	22.70	22.69		
15	QPSK	36	0	21.91	21.93	21.91	23	1
15	QPSK	36	20	21.82	21.83	21.81		
15	QPSK	36	39	21.88	21.83	21.83		
15	QPSK	75	0	21.83	21.92	21.91		
15	16QAM	1	0	21.87	21.75	21.87	23	1
15	16QAM	1	37	21.87	21.84	21.85		
15	16QAM	1	74	21.87	21.78	21.75		
15	16QAM	36	0	20.53	20.61	20.60	22	2
15	16QAM	36	20	20.60	20.61	20.65		
15	16QAM	36	39	20.64	20.65	20.64		
15	16QAM	75	0	20.64	20.60	20.61		
15	64QAM	1	0	20.80	20.63	20.72	22	2
15	64QAM	1	37	20.65	20.72	20.73		
15	64QAM	1	74	20.73	20.70	20.61		
15	64QAM	36	0	19.57	19.64	19.67	21	3
15	64QAM	36	20	19.66	19.62	19.70		
15	64QAM	36	39	19.63	19.68	19.67		
15	64QAM	75	0	19.68	19.61	19.62		
15	256QAM	1	0	17.48	17.50	17.47	19	5
15	256QAM	1	37	17.61	17.56	17.50		
15	256QAM	1	74	17.61	17.61	17.53		
15	256QAM	36	0	17.50	17.43	17.40	19	5
15	256QAM	36	20	17.45	17.50	17.50		
15	256QAM	36	39	17.52	17.57	17.64		
15	256QAM	75	0	17.45	17.54	17.49		
Channel				26740	26865	26990	Tune-up limit	MPR
Frequency (MHz)				819	831.5	844	(dBm)	(dB)
10	QPSK	1	0	22.65	22.66	22.57	24	0
10	QPSK	1	25	22.58	22.59	22.62		
10	QPSK	1	49	22.56	22.59	22.56		
10	QPSK	25	0	21.74	21.65	21.71	23	1
10	QPSK	25	12	21.74	21.67	21.70		
10	QPSK	25	25	21.72	21.73	21.70		
10	QPSK	50	0	21.75	21.68	21.70		
10	16QAM	1	0	22.00	21.99	21.95	23	1
10	16QAM	1	25	21.93	21.93	21.98		
10	16QAM	1	49	22.01	21.92	21.95		
10	16QAM	25	0	20.80	20.74	20.74	22	2
10	16QAM	25	12	20.76	20.71	20.73		
10	16QAM	25	25	20.67	20.76	20.74		
10	16QAM	50	0	20.77	20.70	20.66		
10	64QAM	1	0	20.91	20.81	20.80	22	2
10	64QAM	1	25	20.77	20.82	20.89		
10	64QAM	1	49	20.81	20.86	20.82		
10	64QAM	25	0	19.84	19.74	19.78	21	3
10	64QAM	25	12	19.79	19.74	19.74		
10	64QAM	25	25	19.77	19.79	19.80		
10	64QAM	50	0	19.80	19.73	19.70		
10	256QAM	1	0	17.50	17.51	17.61	19	5
10	256QAM	1	25	17.52	17.60	17.60		
10	256QAM	1	49	17.61	17.53	17.63		
10	256QAM	25	0	17.51	17.48	17.53	19	5
10	256QAM	25	12	17.53	17.51	17.53		
10	256QAM	25	25	17.60	17.63	17.59		
10	256QAM	50	0	17.46	17.45	17.47		
Channel				26715	26865	27015	Tune-up limit	MPR
Frequency (MHz)				816.5	831.5	846.5	(dBm)	(dB)
5	QPSK	1	0	22.69	22.61	22.59	24	0
5	QPSK	1	12	22.70	22.60	22.56		
5	QPSK	1	24	22.59	22.60	22.54		
5	QPSK	12	0	21.80	21.65	21.68	23	1
5	QPSK	12	7	21.78	21.66	21.69		
5	QPSK	12	13	21.74	21.71	21.64		
5	QPSK	25	0	21.75	21.67	21.67		
5	16QAM	1	0	22.03	21.90	21.98	23	1
5	16QAM	1	12	22.04	21.98	21.83		
5	16QAM	1	24	22.09	21.91	21.85		
5	16QAM	12	0	20.81	20.63	20.72	22	2
5	16QAM	12	7	20.78	20.66	20.71		
5	16QAM	12	13	20.76	20.75	20.67		
5	16QAM	25	0	20.78	20.67	20.69		
5	64QAM	1	0	20.95	20.77	20.83	22	2
5	64QAM	1	12	20.80	20.81	20.74		
5	64QAM	1	24	20.86	20.82	20.86		
5	64QAM	12	0	19.80	19.71	19.74	21	3
5	64QAM	12	7	19.85	19.70	19.71		
5	64QAM	12	13	19.73	19.78	19.68		
5	64QAM	25	0	19.79	19.66	19.70		
5	256QAM	1	0	17.57	17.52	17.55	19	5
5	256QAM	1	12	17.60	17.51	17.50		
5	256QAM	1	24	17.53	17.54	17.58		
5	256QAM	12	0	17.50	17.46	17.50	19	5
5	256QAM	12	7	17.54	17.50	17.50		
5	256QAM	12	13	17.59	17.56	17.63		
5	256QAM	25	0	17.51	17.45	17.48		
Channel				26705	26865	27025	Tune-up limit	MPR
Frequency (MHz)				815.5	831.5	847.5	(dBm)	(dB)
3	QPSK	1	0	22.54	22.50	22.48	24	0
3	QPSK	1	8	22.41	22.42	22.45		
3	QPSK	1	14	22.47	22.46	22.52		
3	QPSK	8	0	21.54	21.65	21.60	23	1
3	QPSK	8	4	21.60	21.65	21.65		
3	QPSK	8	7	21.55	21.50	21.51		
3	QPSK	15	0	21.62	21.59	21.59		
3	16QAM	1	0	21.85	21.91	21.92	23	1
3	16QAM	1	8	21.73	21.70	21.69		
3	16QAM	1	14	21.81	21.77	21.70		
3	16QAM	8	0	20.71	20.59	20.66	22	2
3	16QAM	8	4	20.63	20.70	20.63		
3	16QAM	8	7	20.56	20.61	20.63		
3	16QAM	15	0	20.68	20.55	20.56		
3	64QAM	1	0	20.75	20.74	20.79	22	2
3	64QAM	1	8	20.65	20.68	20.73		
3	64QAM	1	14	20.80	20.73	20.77		
3	64QAM	8	0	19.67	19.64	19.66	21	3
3	64QAM	8	4	19.65	19.66	19.63		
3	64QAM	8	7	19.61	19.60	19.67		
3	64QAM	15	0	19.68	19.65	19.68		
3	256QAM	1	0	17.46	17.40	17.51	19	5
3	256QAM	1	8	17.33	17.31	17.32		
3	256QAM	1	14	17.38	17.45	17.45		
3	256QAM	8	0	17.35	17.39	17.44	19	5
3	256QAM	8	4	17.39	17.45	17.34		
3	256QAM	8	7	17.60	17.45	17.53		
3	256QAM	15	0	17.47	17.30	17.29		
Channel				26697	26865	27033	Tune-up limit	MPR
Frequency (MHz)				814.7	831.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	22.64	22.76	22.69	24	0
1.4	QPSK	1	3	22.72	22.76	22.70		
1.4	QPSK	1	5	22.69	22.76	22.68		
1.4	QPSK	3	0	22.66	22.76	22.63		
1.4	QPSK	3	1	22.73	22.76	22.61		
1.4	QPSK	3	3	22.61	22.76	22.73		
1.4	QPSK	6	0	21.77	21.80	21.75	23	1
1.4	16QAM	1	0	21.78	21.80	21.72	23	1
1.4	16QAM	1	3	21.77	21.80	21.72		
1.4	16QAM	1	5	21.72	21.80	21.72		
1.4	16QAM	3	0	21.68	21.80	21.71		
1.4	16QAM	3	1	21.71	21.80	21.68		
1.4	16QAM	3	3	21.74	21.80	21.68		
1.4	16QAM	6	0	20.76	20.86	20.73	22	2
1.4	64QAM	1	0	20.80	20.86	20.82	22	2
1.4	64QAM	1	3	20.77	20.86	20.75		
1.4	64QAM	1	5	20.71	20.86	20.85		
1.4	64QAM	3	0	20.81	20.86	20.78		
1.4	64QAM	3	1	20.85	20.86	20.78		
1.4	64QAM	3	3	20.85	20.86	20.85		
1.4	64QAM	6	0	19.86	19.88	19.79	21	3
1.4	256QAM	1	0	17.67	17.56	17.62	19	5
1.4	256QAM	1	3	17.64	17.56	17.62		
1.4	256QAM	1	5	17.62	17.62	17.65		
1.4	256QAM	3	0	17.56	17.64	17.55		
1.4	256QAM	3	1	17.65	17.55	17.60		
1.4	256QAM	3	3	17.59	17.64	17.65		
1.4	256QAM	6	0	17.63	17.61	17.56	19	5

Band 30_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.41		24	0
10	QPSK	1	25		23.38			
10	QPSK	1	49		23.31			
10	QPSK	25	0		22.53		23	1
10	QPSK	25	12		22.45			
10	QPSK	25	25		22.40			
10	QPSK	50	0		22.41			
10	16QAM	1	0		22.69		23	1
10	16QAM	1	25		22.76			
10	16QAM	1	49		22.71			
10	16QAM	25	0		21.40		22	2
10	16QAM	25	12		21.56			
10	16QAM	25	25		21.42			
10	16QAM	50	0		21.42			
10	64QAM	1	0		21.66		22	2
10	64QAM	1	25		21.58			
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.44		21	3
10	64QAM	25	12		20.56			
10	64QAM	25	25		20.47			
10	64QAM	50	0		20.41			
10	256QAM	1	0		18.28		19	5
10	256QAM	1	25		18.47			
10	256QAM	1	49		18.26			
10	256QAM	25	0		18.26		19	5
10	256QAM	25	12		18.36			
10	256QAM	25	25		18.41			
10	256QAM	50	0		18.25			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	23.34	23.40	23.40	24	0
5	QPSK	1	12	23.39	23.32	23.40		
5	QPSK	1	24	23.36	23.34	23.29		
5	QPSK	12	0	22.27	22.41	22.44	23	1
5	QPSK	12	7	22.44	22.46	22.43		
5	QPSK	12	13	22.39	22.34	22.33		
5	QPSK	25	0	22.36	22.42	22.42		
5	16QAM	1	0	22.79	22.66	22.72	23	1
5	16QAM	1	12	22.76	22.80	22.78		
5	16QAM	1	24	22.66	22.71	22.69		
5	16QAM	12	0	21.34	21.48	21.46	22	2
5	16QAM	12	7	21.46	21.49	21.49		
5	16QAM	12	13	21.41	21.39	21.34		
5	16QAM	25	0	21.42	21.47	21.46		
5	64QAM	1	0	21.49	21.56	21.60	22	2
5	64QAM	1	12	21.47	21.59	21.51		
5	64QAM	1	24	21.51	21.49	21.54		
5	64QAM	12	0	20.35	20.49	20.44	21	3
5	64QAM	12	7	20.47	20.54	20.53		
5	64QAM	12	13	20.47	20.42	20.36		
5	64QAM	25	0	20.41	20.47	20.41		
5	256QAM	1	0	18.33	18.31	18.28	19	5
5	256QAM	1	12	18.46	18.38	18.46		
5	256QAM	1	24	18.33	18.35	18.38		
5	256QAM	12	0	18.26	18.21	18.38	19	5
5	256QAM	12	7	18.49	18.34	18.44		
5	256QAM	12	13	18.35	18.43	18.42		
5	256QAM	25	0	18.29	18.33	18.29		

Band 30_Ant4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.54		24	0
10	QPSK	1	25		23.24			
10	QPSK	1	49		23.17			
10	QPSK	25	0		21.67		23	1
10	QPSK	25	12		21.66			
10	QPSK	25	25		21.63			
10	QPSK	50	0		21.65			
10	16QAM	1	0		21.70		23	1
10	16QAM	1	25		21.73			
10	16QAM	1	49		21.70			
10	16QAM	25	0		20.70		22	2
10	16QAM	25	12		20.72			
10	16QAM	25	25		20.66			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.69		22	2
10	64QAM	1	25		20.67			
10	64QAM	1	49		20.70			
10	64QAM	25	0		19.71		21	3
10	64QAM	25	12		19.72			
10	64QAM	25	25		19.71			
10	64QAM	50	0		19.74			
10	256QAM	1	0		17.71		19	5
10	256QAM	1	25		17.66			
10	256QAM	1	49		17.62			
10	256QAM	25	0		17.67		19	5
10	256QAM	25	12		17.66			
10	256QAM	25	25		17.59			
10	256QAM	50	0		17.68			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	22.71	22.63	22.68	24	0
5	QPSK	1	12	22.74	22.77	22.74		
5	QPSK	1	24	23.29	23.14	23.29		
5	QPSK	12	0	21.54	21.63	21.52	23	1
5	QPSK	12	7	21.56	21.62	21.64		
5	QPSK	12	13	21.62	21.53	21.59		
5	QPSK	25	0	21.52	21.59	21.53		
5	16QAM	1	0	21.57	21.66	21.57	23	1
5	16QAM	1	12	21.72	21.63	21.61		
5	16QAM	1	24	21.57	21.64	21.61		
5	16QAM	12	0	20.60	20.62	20.65	22	2
5	16QAM	12	7	20.71	20.70	20.62		
5	16QAM	12	13	20.53	20.59	20.61		
5	16QAM	25	0	20.59	20.62	20.64		
5	64QAM	1	0	20.62	20.55	20.64	22	2
5	64QAM	1	12	20.53	20.58	20.55		
5	64QAM	1	24	20.62	20.69	20.66		
5	64QAM	12	0	19.66	19.66	19.64	21	3
5	64QAM	12	7	19.71	19.62	19.68		
5	64QAM	12	13	19.66	19.67	19.68		
5	64QAM	25	0	19.68	19.71	19.66		
5	256QAM	1	0	17.52	17.58	17.54	19	5
5	256QAM	1	12	17.49	17.60	17.48		
5	256QAM	1	24	17.47	17.49	17.58		
5	256QAM	12	0	17.51	17.66	17.49	19	5
5	256QAM	12	7	17.53	17.50	17.53		
5	256QAM	12	13	17.48	17.46	17.57		
5	256QAM	25	0	17.62	17.64	17.52		

Band 66_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132322	132672		
Frequency (MHz)				1710.2	1745.2	1780.2		
20	QPSK	1	0	23.08	23.12	23.18	24	0
20	QPSK	1	50	23.08	23.12	23.18		
20	QPSK	1	99	22.08	22.12	22.18	23	1
20	QPSK	50	0	22.08	22.12	22.18		
20	QPSK	50	50	22.08	22.12	22.18		
20	QPSK	50	50	22.08	22.12	22.18	23	1
20	QPSK	100	0	22.08	22.12	22.18		
20	16-QAM	1	0	21.08	21.12	21.18	22	2
20	16-QAM	1	50	21.08	21.12	21.18		
20	16-QAM	1	99	21.08	21.12	21.18		
20	16-QAM	50	0	21.08	21.12	21.18	22	2
20	16-QAM	50	50	20.08	20.12	20.18		
20	16-QAM	50	50	20.08	20.12	20.18	21	3
20	16-QAM	100	0	20.08	20.12	20.18		
20	256-QAM	1	0	19.08	19.12	19.18	19	5
20	256-QAM	1	50	19.08	19.12	19.18		
20	256-QAM	1	99	19.08	19.12	19.18		
20	256-QAM	50	0	19.08	19.12	19.18	19	5
20	256-QAM	50	50	18.08	18.12	18.18		
20	256-QAM	50	50	18.08	18.12	18.18		
20	256-QAM	100	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
15	QPSK	1	0	23.08	23.12	23.18	24	0
15	QPSK	1	37	23.08	23.12	23.18		
15	QPSK	1	74	22.08	22.12	22.18	23	1
15	QPSK	36	0	22.08	22.12	22.18		
15	QPSK	36	37	22.08	22.12	22.18		
15	QPSK	36	37	22.08	22.12	22.18	23	1
15	QPSK	75	0	22.08	22.12	22.18		
15	16-QAM	1	0	21.08	21.12	21.18	22	2
15	16-QAM	1	37	21.08	21.12	21.18		
15	16-QAM	1	74	21.08	21.12	21.18		
15	16-QAM	36	0	21.08	21.12	21.18	22	2
15	16-QAM	36	37	20.08	20.12	20.18		
15	16-QAM	36	37	20.08	20.12	20.18	21	3
15	16-QAM	75	0	20.08	20.12	20.18		
15	256-QAM	1	0	19.08	19.12	19.18	19	5
15	256-QAM	1	37	19.08	19.12	19.18		
15	256-QAM	1	74	19.08	19.12	19.18		
15	256-QAM	36	0	19.08	19.12	19.18	19	5
15	256-QAM	36	37	18.08	18.12	18.18		
15	256-QAM	36	37	18.08	18.12	18.18		
15	256-QAM	75	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
10	QPSK	1	0	23.08	23.12	23.18	24	0
10	QPSK	1	25	23.08	23.12	23.18		
10	QPSK	1	49	22.08	22.12	22.18	23	1
10	QPSK	25	0	22.08	22.12	22.18		
10	QPSK	25	25	22.08	22.12	22.18		
10	QPSK	25	25	22.08	22.12	22.18	23	1
10	QPSK	50	0	22.08	22.12	22.18		
10	16-QAM	1	0	21.08	21.12	21.18	22	2
10	16-QAM	1	25	21.08	21.12	21.18		
10	16-QAM	1	49	21.08	21.12	21.18		
10	16-QAM	25	0	21.08	21.12	21.18	22	2
10	16-QAM	25	25	20.08	20.12	20.18		
10	16-QAM	25	25	20.08	20.12	20.18	21	3
10	16-QAM	50	0	20.08	20.12	20.18		
10	256-QAM	1	0	19.08	19.12	19.18	19	5
10	256-QAM	1	25	19.08	19.12	19.18		
10	256-QAM	1	49	19.08	19.12	19.18		
10	256-QAM	25	0	19.08	19.12	19.18	19	5
10	256-QAM	25	25	18.08	18.12	18.18		
10	256-QAM	25	25	18.08	18.12	18.18		
10	256-QAM	50	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
5	QPSK	1	0	23.08	23.12	23.18	24	0
5	QPSK	1	12	23.08	23.12	23.18		
5	QPSK	1	24	22.08	22.12	22.18	23	1
5	QPSK	12	0	22.08	22.12	22.18		
5	QPSK	12	12	22.08	22.12	22.18		
5	QPSK	12	12	22.08	22.12	22.18	23	1
5	QPSK	25	0	22.08	22.12	22.18		
5	16-QAM	1	0	21.08	21.12	21.18	22	2
5	16-QAM	1	12	21.08	21.12	21.18		
5	16-QAM	1	24	21.08	21.12	21.18		
5	16-QAM	12	0	21.08	21.12	21.18	22	2
5	16-QAM	12	12	20.08	20.12	20.18		
5	16-QAM	12	12	20.08	20.12	20.18	21	3
5	16-QAM	25	0	20.08	20.12	20.18		
5	256-QAM	1	0	19.08	19.12	19.18	19	5
5	256-QAM	1	12	19.08	19.12	19.18		
5	256-QAM	1	24	19.08	19.12	19.18		
5	256-QAM	12	0	19.08	19.12	19.18	19	5
5	256-QAM	12	12	18.08	18.12	18.18		
5	256-QAM	12	12	18.08	18.12	18.18		
5	256-QAM	25	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
3	QPSK	1	0	23.08	23.12	23.18	24	0
3	QPSK	1	7	23.08	23.12	23.18		
3	QPSK	1	14	22.08	22.12	22.18	23	1
3	QPSK	8	0	22.08	22.12	22.18		
3	QPSK	8	7	22.08	22.12	22.18		
3	QPSK	8	7	22.08	22.12	22.18	23	1
3	QPSK	15	0	22.08	22.12	22.18		
3	16-QAM	1	0	21.08	21.12	21.18	22	2
3	16-QAM	1	7	21.08	21.12	21.18		
3	16-QAM	1	14	21.08	21.12	21.18		
3	16-QAM	8	0	21.08	21.12	21.18	22	2
3	16-QAM	8	7	20.08	20.12	20.18		
3	16-QAM	8	7	20.08	20.12	20.18	21	3
3	16-QAM	15	0	20.08	20.12	20.18		
3	256-QAM	1	0	19.08	19.12	19.18	19	5
3	256-QAM	1	7	19.08	19.12	19.18		
3	256-QAM	1	14	19.08	19.12	19.18		
3	256-QAM	8	0	19.08	19.12	19.18	19	5
3	256-QAM	8	7	18.08	18.12	18.18		
3	256-QAM	8	7	18.08	18.12	18.18		
3	256-QAM	15	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
1.4	QPSK	1	0	23.08	23.12	23.18	24	0
1.4	QPSK	1	3	23.08	23.12	23.18		
1.4	QPSK	1	5	22.08	22.12	22.18	23	1
1.4	QPSK	3	0	22.08	22.12	22.18		
1.4	QPSK	3	3	22.08	22.12	22.18		
1.4	QPSK	3	3	22.08	22.12	22.18	23	1
1.4	QPSK	6	0	22.08	22.12	22.18		
1.4	16-QAM	1	0	21.08	21.12	21.18	22	2
1.4	16-QAM	1	3	21.08	21.12	21.18		
1.4	16-QAM	1	5	21.08	21.12	21.18		
1.4	16-QAM	3	0	21.08	21.12	21.18	22	2
1.4	16-QAM	3	3	20.08	20.12	20.18		
1.4	16-QAM	3	3	20.08	20.12	20.18	21	3
1.4	16-QAM	6	0	20.08	20.12	20.18		
1.4	256-QAM	1	0	19.08	19.12	19.18	19	5
1.4	256-QAM	1	3	19.08	19.12	19.18		
1.4	256-QAM	1	5	19.08	19.12	19.18		
1.4	256-QAM	3	0	19.08	19.12	19.18	19	5
1.4	256-QAM	3	3	18.08	18.12	18.18		
1.4	256-QAM	3	3	18.08	18.12	18.18		
1.4	256-QAM	6	0	18.08	18.12	18.18		

Band 66_Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132322	132672		
Frequency (MHz)				1710.2	1745.2	1780.2		
20	QPSK	1	0	23.08	23.12	23.18	24	0
20	QPSK	1	50	23.08	23.12	23.18		
20	QPSK	1	99	22.08	22.12	22.18	23	1
20	QPSK	50	0	22.08	22.12	22.18		
20	QPSK	50	50	22.08	22.12	22.18		
20	QPSK	50	50	22.08	22.12	22.18	23	1
20	QPSK	100	0	22.08	22.12	22.18		
20	16-QAM	1	0	21.08	21.12	21.18	22	2
20	16-QAM	1	50	21.08	21.12	21.18		
20	16-QAM	1	99	21.08	21.12	21.18		
20	16-QAM	50	0	21.08	21.12	21.18	22	2
20	16-QAM	50	50	20.08	20.12	20.18		
20	16-QAM	50	50	20.08	20.12	20.18	21	3
20	16-QAM	100	0	20.08	20.12	20.18		
20	256-QAM	1	0	19.08	19.12	19.18	19	5
20	256-QAM	1	50	19.08	19.12	19.18		
20	256-QAM	1	99	19.08	19.12	19.18		
20	256-QAM	50	0	19.08	19.12	19.18	19	5
20	256-QAM	50	50	18.08	18.12	18.18		
20	256-QAM	50	50	18.08	18.12	18.18		
20	256-QAM	100	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
15	QPSK	1	0	23.08	23.12	23.18	24	0
15	QPSK	1	37	23.08	23.12	23.18		
15	QPSK	1	74	22.08	22.12	22.18	23	1
15	QPSK	36	0	22.08	22.12	22.18		
15	QPSK	36	37	22.08	22.12	22.18		
15	QPSK	36	37	22.08	22.12	22.18	23	1
15	QPSK	75	0	22.08	22.12	22.18		
15	16-QAM	1	0	21.08	21.12	21.18	22	2
15	16-QAM	1	37	21.08	21.12	21.18		
15	16-QAM	1	74	21.08	21.12	21.18		
15	16-QAM	36	0	21.08	21.12	21.18	22	2
15	16-QAM	36	37	20.08	20.12	20.18		
15	16-QAM	36	37	20.08	20.12	20.18	21	3
15	16-QAM	75	0	20.08	20.12	20.18		
15	256-QAM	1	0	19.08	19.12	19.18	19	5
15	256-QAM	1	37	19.08	19.12	19.18		
15	256-QAM	1	74	19.08	19.12	19.18		
15	256-QAM	36	0	19.08	19.12	19.18	19	5
15	256-QAM	36	37	18.08	18.12	18.18		
15	256-QAM	36	37	18.08	18.12	18.18		
15	256-QAM	75	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
10	QPSK	1	0	23.08	23.12	23.18	24	0
10	QPSK	1	25	23.08	23.12	23.18		
10	QPSK	1	49	22.08	22.12	22.18	23	1
10	QPSK	25	0	22.08	22.12	22.18		
10	QPSK	25	25	22.08	22.12	22.18		
10	QPSK	25	25	22.08	22.12	22.18	23	1
10	QPSK	50	0	22.08	22.12	22.18		
10	16-QAM	1	0	21.08	21.12	21.18	22	2
10	16-QAM	1	25	21.08	21.12	21.18		
10	16-QAM	1	49	21.08	21.12	21.18		
10	16-QAM	25	0	21.08	21.12	21.18	22	2
10	16-QAM	25	25	20.08	20.12	20.18		
10	16-QAM	25	25	20.08	20.12	20.18	21	3
10	16-QAM	50	0	20.08	20.12	20.18		
10	256-QAM	1	0	19.08	19.12	19.18	19	5
10	256-QAM	1	25	19.08	19.12	19.18		
10	256-QAM	1	49	19.08	19.12	19.18		
10	256-QAM	25	0	19.08	19.12	19.18	19	5
10	256-QAM	25	25	18.08	18.12	18.18		
10	256-QAM	25	25	18.08	18.12	18.18		
10	256-QAM	50	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
5	QPSK	1	0	23.08	23.12	23.18	24	0
5	QPSK	1	12	23.08	23.12	23.18		
5	QPSK	1	24	22.08	22.12	22.18	23	1
5	QPSK	12	0	22.08	22.12	22.18		
5	QPSK	12	12	22.08	22.12	22.18		
5	QPSK	12	12	22.08	22.12	22.18	23	1
5	QPSK	25	0	22.08	22.12	22.18		
5	16-QAM	1	0	21.08	21.12	21.18	22	2
5	16-QAM	1	12	21.08	21.12	21.18		
5	16-QAM	1	24	21.08	21.12	21.18		
5	16-QAM	12	0	21.08	21.12	21.18	22	2
5	16-QAM	12	12	20.08	20.12	20.18		
5	16-QAM	12	12	20.08	20.12	20.18	21	3
5	16-QAM	25	0	20.08	20.12	20.18		
5	256-QAM	1	0	19.08	19.12	19.18	19	5
5	256-QAM	1	12	19.08	19.12	19.18		
5	256-QAM	1	24	19.08	19.12	19.18		
5	256-QAM	12	0	19.08	19.12	19.18	19	5
5	256-QAM	12	12	18.08	18.12	18.18		
5	256-QAM	12	12	18.08	18.12	18.18		
5	256-QAM	25	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
3	QPSK	1	0	23.08	23.12	23.18	24	0
3	QPSK	1	7	23.08	23.12	23.18		
3	QPSK	1	14	22.08	22.12	22.18	23	1
3	QPSK	8	0	22.08	22.12	22.18		
3	QPSK	8	7	22.08	22.12	22.18		
3	QPSK	8	7	22.08	22.12	22.18	23	1
3	QPSK	15	0	22.08	22.12	22.18		
3	16-QAM	1	0	21.08	21.12	21.18	22	2
3	16-QAM	1	7	21.08	21.12	21.18		
3	16-QAM	1	14	21.08	21.12	21.18		
3	16-QAM	8	0	21.08	21.12	21.18	22	2
3	16-QAM	8	7	20.08	20.12	20.18		
3	16-QAM	8	7	20.08	20.12	20.18	21	3
3	16-QAM	15	0	20.08	20.12	20.18		
3	256-QAM	1	0	19.08	19.12	19.18	19	5
3	256-QAM	1	7	19.08	19.12	19.18		
3	256-QAM	1	14	19.08	19.12	19.18		
3	256-QAM	8	0	19.08	19.12	19.18	19	5
3	256-QAM	8	7	18.08	18.12	18.18		
3	256-QAM	8	7	18.08	18.12	18.18		
3	256-QAM	15	0	18.08	18.12	18.18		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.2	1745.2	1780.2		
1.4	QPSK	1	0	23.08	23.12	23.18	24	0
1.4	QPSK	1	3	23.08	23.12	23.18		
1.4	QPSK	1	5	22.08	22.12	22.18	23	1
1.4	QPSK	3	0	22.08	22.12	22.18		
1.4	QPSK	3	3	22.08	22.12	22.18		
1.4	QPSK	3	3	22.08	22.12	22.18	23	1
1.4	QPSK	6	0	22.08	22.12	22.18		
1.4	16-QAM	1	0	21.08	21.12	21.18	22	2
1.4	16-QAM	1	3	21.08	21.12	21.18		
1.4	16-QAM	1	5	21.08	21.12	21.18		
1.4	16-QAM	3	0	21.08	21.12	21.18	22	2
1.4	16-QAM	3	3	20.08	20.12	20.18		
1.4	16-QAM	3	3	20.08	20.12	20.18	21	3
1.4	16-QAM	6	0	20.08	20.12	20.18		
1.4	256-QAM	1	0	19.08	19.12	19.18	19	5
1.4	256-QAM	1	3	19.08	19.12	19.18		
1.4	256-QAM	1	5	19.08	19.12	19.18		
1.4	256-QAM	3	0	19.08	19.12	19.18	19	5
1.4	256-QAM	3	3	18.08	18.12	18.18		
1.4	256-QAM	3	3	18.08	18.12	18.18		
1.4	256-QAM	6	0	18.08	18.12	18.18		

Band 71_Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				133172	133522	133872		
Frequency (MHz)				1712.2	1747.2	1782.2		
20	QPSK	1	0	23.08	23.12	23.18	24	0
20	QPSK	1	50	23.08	23.12	23.18		
20	QPSK	1	99	22.08	22.12	22.18	23	1
20	QPSK	50	0	22.08	22.12	22.18		
20	QPSK	50	50	22.08	22.12	22.18		
20	QPSK	50	50	22.08	22.12	22.18	23	1
20	QPSK	100	0	22.08	22.12	22.18		
20	16-QAM	1	0	21.08	21.12	21.18	22	2
20	16-QAM	1	50	21.08	21.12	21.18		
20	16-QAM	1	99	21.08	21.12	21.18		
20	16-QAM	50	0	21.08	21.12	21.18	22	2
20	16-QAM	50	50	20.08	20.12	20.18		
20	16-QAM	50	50	20.08	20.12	20.18	21	3
20	16-QAM	100	0	20.08	20.12	20.18		
20	256-QAM	1	0	19.08	19.12	19.18	19	5
20	256-QAM	1	50	19.08	19.12	19.18		
20	256-QAM	1	99	19.08	19.12	19.18		
20	256-QAM	50	0	19.08	19.12	19.18	19	5
20	256-QAM	50	50	18.08	18.12	18.18		
20	256-QAM	50	50	18.08	18.12	18.18		
20	256-QAM	100	0	18.08	18.12	18.18		
Channel				133172	133522	133872	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.2	1747.2	1782.2		
15	QPSK	1	0	23.08	23.12	23.18	24	0
15	QPSK	1	37	23.08	23.12	23.18		
15	QPSK	1	74	22.08	22.12	22.18	23	1
15	QPSK	36	0	22.08	22.12	22.18		
15	QPSK	36	37	22.08	22.12	22.18		
15	QPSK	36	37	22.08	22.12	22.18	23	1
15	QPSK	75	0	22.08	22.12	22.18		
15	16-QAM	1	0	21.08	21.12	21.18	22	2
15	16-QAM	1	37	21.08	21.12	21.18		
15	16-QAM	1	74	21.08	21.12	21.18		
15	16-QAM	36	0	21.08	21.12	21.18	22	2
15	16-QAM	36	37	20.08	20.12	20.18		
15	16-QAM	36	37	20.08	20.12	20.18	21	3
15	16-QAM	75	0	20.08	20.12	20.18		
15	256-QAM	1	0	19.08	19.12	19.18	19	5
15	256-QAM	1	37	19.08	19.12	19.18		
15	256-QAM	1	74	19.08	19.12	19.18		
15	256-QAM	36	0	19.08	19.12	19.18	19	5
15	256-QAM	36	37	18.08	18.12	18.18		
15	256-QAM	36	37	18.08	18.12	18.18		
15	256-QAM	75	0	18.08	18.12	18.18		
Channel				133172	133522	133872	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.2	1747.2	1782.2		
10	QPSK	1	0	23.08	23.12	23.18	24	0
10	QPSK	1	25	23.08	23.12	23.18		
10	QPSK	1	49	22.08	22.12	22.18	23	1
10	QPSK	25	0	22.08	22.12	22.18		
10	QPSK	25	25	22.08	22.12	22.18		
10	QPSK	25	25	22.08	22.12	22.18	23	1
10	QPSK	50	0	22.08	22.12	22.18		
10	16-QAM	1	0	21.08	21.12	21.18	22	2
10	16-QAM	1	25	21.08	21.12	21.18		
10	16-QAM	1	49	21.08	21.12	21.18		
10	16-QAM	25	0	21.08	21.12	21.18	22	2
10	16-QAM	25	25	20.08	20.12	20.18		
10	16-QAM	25	25	20.08	20.12	20.18	21	3
10	16-QAM	50	0	20.08	20.12	20.18		
10	256-QAM	1	0	19.08	19.12	19.18	19	5
10	256-QAM	1	25	19.08	19.12	19.18		
10	256-QAM	1	49	19.08	19.12	19.18		
10	256-QAM	25	0	19.08	19.12	19.18	19	5
10	256-QAM	25	25	18.08	18.12	18.18		
10	256-QAM	25	25	18.08	18.12	18.18		
10	256-QAM	50	0	18.08	18.12	18.18		
Channel				133172	133522	133872	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.2	1747.2	1782.2		
5	QPSK	1	0	23.08	23.12	23.18	24	0
5	QPSK	1	12	23.08	23.12	23.18		
5	QPSK	1	24	22.08	22.12	22.18	23	1
5	QPSK	12	0	22.08	22.12	22.18		
5	QPSK	12	12	22.08	22.12	22.18		
5	QPSK	12	12	22.08	22.12	22.18	23	1
5	QPSK	25	0	22.08	22.12	22.18		
5	16-QAM	1	0	21.08	21.12	21.18	22	2
5	16-QAM	1	12	21.08	21.12	21.18		
5	16-QAM	1	24	21.08	21.12	21.18		
5	16-QAM	12	0	21.08	21.12	21.18	22	2
5	16-QAM	12	12	20.08	20.12	20.18		
5	16-QAM	12	12	20.08	20.12	20.18	21	3
5	16-QAM	25	0	20.08	20.12	20.18		
5	256-QAM	1	0	19.08	19.12	19.18	19	5
5	256-QAM	1	12	19.08	19.12	19.18		
5	256-QAM	1	24	19.08	19.12	19.18		
5	256-QAM	12	0	19.08	19.12	19.18	19	5
5	256-QAM	12	12	18.08	18.12	18.18		
5	256-QAM	12	12	18.08	18.12	18.18		
5	256-QAM	25	0	18.08	18.12	18.18		
Channel		

Band 38_Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2560	2595	2630		
20	QPSK	1	0	23.13	22.98	23.03	24	0
20	QPSK	1	49	23.09	23.09	23.07		
20	QPSK	1	99	23.12	23.10	23.11		
20	QPSK	50	0	22.23	22.04	22.08	23	1
20	QPSK	50	24	22.21	22.12	22.14		
20	QPSK	50	50	22.16	22.16	22.16		
20	QPSK	100	0	22.17	22.08	22.08		
20	16QAM	1	0	22.08	22.02	22.09	23	1
20	16QAM	1	49	22.07	22.12	22.06		
20	16QAM	1	99	22.15	22.15	22.18		
20	16QAM	50	0	20.97	20.93	20.98	22	2
20	16QAM	50	24	21.11	21.00	21.03		
20	16QAM	50	50	21.07	21.08	21.08		
20	16QAM	100	0	21.04	20.98	20.98		
20	64QAM	1	0	20.72	20.69	20.66	22	2
20	64QAM	1	49	20.82	20.81	20.74		
20	64QAM	1	99	20.81	20.80	20.81		
20	64QAM	50	0	19.99	19.96	19.97	21	3
20	64QAM	50	24	20.11	20.03	20.06		
20	64QAM	50	50	20.07	20.08	20.11		
20	64QAM	100	0	20.04	19.97	19.99		
20	256QAM	1	0	17.85	17.77	17.86	19	5
20	256QAM	1	49	17.99	17.83	17.89		
20	256QAM	1	99	17.92	17.94	18.00		
20	256QAM	50	0	17.78	17.86	17.86	19	5
20	256QAM	50	24	17.97	17.81	17.97		
20	256QAM	50	50	17.91	17.95	17.93		
20	256QAM	100	0	17.91	17.90	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.91	22.88	22.89	24	0
15	QPSK	1	37	22.99	22.95	22.97		
15	QPSK	1	74	22.94	22.99	23.01		
15	QPSK	36	0	21.93	21.93	21.91	23	1
15	QPSK	36	20	22.06	22.00	22.01		
15	QPSK	36	39	22.01	22.04	22.04		
15	QPSK	75	0	22.03	21.93	21.96		
15	16QAM	1	0	22.07	22.07	22.04	23	1
15	16QAM	1	37	22.10	22.09	22.14		
15	16QAM	1	74	22.16	22.16	22.17		
15	16QAM	36	0	20.92	20.92	20.92	22	2
15	16QAM	36	20	21.06	20.97	21.00		
15	16QAM	36	39	21.02	21.00	21.05		
15	16QAM	75	0	21.07	20.97	20.98		
15	64QAM	1	0	20.72	20.71	20.68	22	2
15	64QAM	1	37	20.83	20.80	20.82		
15	64QAM	1	74	20.81	20.79	20.85		
15	64QAM	36	0	19.94	19.93	19.97	21	3
15	64QAM	36	20	20.07	20.00	20.04		
15	64QAM	36	39	20.04	20.03	20.04		
15	64QAM	75	0	20.06	19.95	19.98		
15	256QAM	1	0	17.92	17.85	17.86	19	5
15	256QAM	1	37	17.98	17.88	17.89		
15	256QAM	1	74	17.92	17.99	17.95		
15	256QAM	36	0	17.86	17.79	17.78	19	5
15	256QAM	36	20	17.96	17.86	18.03		
15	256QAM	36	39	17.97	17.98	17.95		
15	256QAM	75	0	17.93	17.94	17.84		
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.06	23.04	23.00	24	0
10	QPSK	1	25	23.04	23.04	23.08		
10	QPSK	1	49	23.05	23.04	23.13		
10	QPSK	25	0	22.16	22.04	22.11	23	1
10	QPSK	25	12	22.14	22.07	22.11		
10	QPSK	25	25	22.13	22.12	22.16		
10	QPSK	50	0	22.15	22.04	22.10		
10	16QAM	1	0	22.15	22.14	22.17	23	1
10	16QAM	1	25	22.15	22.15	22.18		
10	16QAM	1	49	22.12	22.17	22.18		
10	16QAM	25	0	21.16	21.07	21.11	22	2
10	16QAM	25	12	21.19	21.12	21.15		
10	16QAM	25	25	21.17	21.16	21.21		
10	16QAM	50	0	21.16	21.09	21.13		
10	64QAM	1	0	20.95	20.86	20.92	22	2
10	64QAM	1	25	20.96	20.90	20.97		
10	64QAM	1	49	20.90	20.94	20.96		
10	64QAM	25	0	20.23	20.15	20.20	21	3
10	64QAM	25	12	20.26	20.17	20.18		
10	64QAM	25	25	20.22	20.24	20.25		
10	64QAM	50	0	20.17	20.13	20.14		
10	256QAM	1	0	17.81	17.82	17.86	19	5
10	256QAM	1	25	18.00	17.91	17.92		
10	256QAM	1	49	17.93	17.99	18.00		
10	256QAM	25	0	17.76	17.76	17.85	19	5
10	256QAM	25	12	17.97	17.83	17.92		
10	256QAM	25	25	17.97	17.97	17.99		
10	256QAM	50	0	17.93	17.85	17.91		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.09	23.04	23.10	24	0
5	QPSK	1	12	23.01	23.02	23.07		
5	QPSK	1	24	23.02	23.04	23.04		
5	QPSK	12	0	22.14	22.06	22.15	23	1
5	QPSK	12	7	22.16	22.14	22.17		
5	QPSK	12	13	22.13	22.11	22.15		
5	QPSK	25	0	22.13	22.02	22.12		
5	16QAM	1	0	22.26	22.18	22.22	23	1
5	16QAM	1	12	22.15	22.13	22.17		
5	16QAM	1	24	22.22	22.22	22.24		
5	16QAM	12	0	21.12	21.03	21.13	22	2
5	16QAM	12	7	21.10	21.10	21.16		
5	16QAM	12	13	21.09	21.11	21.11		
5	16QAM	25	0	21.17	21.11	21.21		
5	64QAM	1	0	20.93	20.86	20.96	22	2
5	64QAM	1	12	20.98	20.84	20.90		
5	64QAM	1	24	20.98	20.97	20.98		
5	64QAM	12	0	20.18	20.07	20.18	21	3
5	64QAM	12	7	20.24	20.20	20.21		
5	64QAM	12	13	20.15	20.14	20.19		
5	64QAM	25	0	20.19	20.10	20.22		
5	256QAM	1	0	17.88	17.82	17.81	19	5
5	256QAM	1	12	17.97	17.85	17.96		
5	256QAM	1	24	17.93	17.92	17.94		
5	256QAM	12	0	17.80	17.75	17.79	19	5
5	256QAM	12	7	17.90	17.87	17.96		
5	256QAM	12	13	17.97	18.02	17.96		
5	256QAM	25	0	17.93	17.90	17.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.09	23.12	23.18	23.24	23.35	24	0
20	QPSK	1	49	23.03	23.04	23.14	23.22	23.28		
20	QPSK	1	99	23.05	23.07	23.15	23.23	23.32		
20	QPSK	50	0	22.15	22.25	22.30	22.35	22.42	23	1
20	QPSK	50	24	22.10	22.17	22.20	22.26	22.41		
20	QPSK	50	50	22.12	22.23	22.24	22.30	22.41		
20	QPSK	100	0	22.22	22.30	22.33	22.35	22.38		
20	16QAM	1	0	21.91	22.01	22.06	22.17	22.20	23	1
20	16QAM	1	49	21.90	21.98	22.01	22.12	22.14		
20	16QAM	1	99	21.92	22.00	22.10	22.19	22.17		
20	16QAM	50	0	20.89	21.00	20.97	21.10	21.15	22	2
20	16QAM	50	24	20.98	21.09	21.08	21.15	21.14		
20	16QAM	50	50	20.99	21.09	21.07	21.17	21.20		
20	16QAM	100	0	20.98	21.09	21.07	21.12	21.10		
20	64QAM	1	0	20.56	20.64	20.68	20.83	20.89	22	2
20	64QAM	1	49	20.64	20.66	20.69	20.85	20.85		
20	64QAM	1	99	20.63	20.71	20.79	20.90	20.90		
20	64QAM	50	0	19.93	20.00	20.00	20.10	20.17	21	3
20	64QAM	50	24	20.05	20.12	20.10	20.13	20.21		
20	64QAM	50	50	19.99	20.08	20.09	20.20	20.21		
20	64QAM	100	0	20.02	20.07	20.09	20.11	20.16		
20	256QAM	1	0	17.99	18.00	18.05	18.02	17.91	19	5
20	256QAM	1	49	17.69	17.76	17.83	17.71	17.71		
20	256QAM	1	99	17.79	17.78	17.81	17.69	17.79		
20	256QAM	50	0	18.09	18.13	18.18	18.09	18.07	19	5
20	256QAM	50	24	18.05	18.11	18.20	18.18	18.09		
20	256QAM	50	50	18.00	18.13	18.14	18.07	17.99		
20	256QAM	100	0	18.11	18.13	18.15	18.03	18.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.78	22.92	22.91	23.01	23.05	24.00	0
15	QPSK	1	37	22.77	22.92	22.84	23.01	23.04		
15	QPSK	1	74	22.83	22.94	22.97	23.02	23.03		
15	QPSK	36	0	21.89	22.00	21.99	22.08	22.15	23	1
15	QPSK	36	20	21.98	22.05	22.05	22.08	22.21		
15	QPSK	36	39	21.93	22.06	22.06	22.14	22.19		
15	QPSK	75	0	21.98	22.07	22.08	22.08	22.21		
15	16QAM	1	0	22.09	22.11	22.03	22.14	22.21	23	1
15	16QAM	1	37	21.95	22.05	22.02	22.13	22.16		
15	16QAM	1	74	21.88	22.13	22.12	22.19	22.24		
15	16QAM	36	0	20.92	20.96	20.97	21.07	21.14	22	2
15	16QAM	36	20	20.99	21.05	21.06	21.07	21.20		
15	16QAM	36	39	20.96	21.03	21.02	21.15	21.17		
15	16QAM	75	0	21.01	21.11	21.10	21.12	21.25		
15	64QAM	1	0	20.89	20.74	20.69	20.82	20.89	22	2
15	64QAM	1	37	20.68	20.78	20.74	20.85	20.91		
15	64QAM	1	74	20.67	20.82	20.79	20.91	20.90		
15	64QAM	36	0	19.90	20.01	19.97	20.13	20.18	21	3
15	64QAM	36	20	19.98	20.08	20.06	20.11	20.24		
15	64QAM	36	39	19.97	20.10	20.06	20.21	20.24		
15	64QAM	75	0	20.03	20.10	20.08	20.11	20.27		
15	256QAM	1	0	17.93	17.83	17.95	17.87	17.79	19	5
15	256QAM	1	37	17.57	17.63	17.78	17.70	17.70		
15	256QAM	1	74	17.61	17.78	17.74	17.55	17.64		
15	256QAM	36	0	18.06	18.04	18.11	18.01	17.93	19	5
15	256QAM	36	20	18.13	17.98	18.09	18.14	18.02		
15	256QAM	36	39	17.95	17.90	18.04	17.97	17.84		
15	256QAM	75	0	17.99	18.04	18.01	17.92	18.13		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.01	23.11	23.03	23.17	23.31	24.00	0
10	QPSK	1	25	22.96	23.08	23.09	23.22	23.26		
10	QPSK	1	49	23.00	23.13	23.10	23.23	23.29		
10	QPSK	25	0	22.07	22.13	22.09	22.23	22.27	23	1
10	QPSK	25	12	22.10	22.19	22.22	22.27	22.32		
10	QPSK	25	25	22.12	22.22	22.23	22.34	22.36		
10	QPSK	50	0	22.13	22.23	22.21	22.36	22.28		
10	16QAM	1	0	22.12	22.21	22.21	22.32	22.44	23	1
10	16QAM	1	25	22.07	22.16	22.16	22.27	22.33		
10	16QAM	1	49	22.11	22.17	22.16	22.33	22.35		
10	16QAM	25	0	21.18	21.09	21.13	21.23	21.31	22	2
10	16QAM	25	12	21.18	21.26	21.23	21.31	21.38		
10	16QAM	25	25	21.15	21.21	21.26	21.35	21.43		
10	16QAM	50	0	21.16	21.20	21.25	21.28	21.30		
10	64QAM	1	0	20.98	20.92	20.89	21.08	21.17	22	2
10	64QAM	1	25	20.96	20.97	20.98	21.08	21.16		
10	64QAM	1	49	20.93	20.94	20.99	21.08	21.14		
10	64QAM	25	0	20.21	20.22	20.18	20.34	20.37	21	3
10	64QAM	25	12	20.25	20.32	20.29	20.35	20.40		
10	64QAM	25	25	20.23	20.31	20.30	20.43	20.43		
10	64QAM	50	0	20.19	20.25	20.23	20.32	20.36		
10	256QAM	1	0	17.89	17.85	17.94	17.92	17.90	19	5
10	256QAM	1	25	17.61	17.57	17.68	17.61	17.60		
10	256QAM	1	49	17.61	17.70	17.74	17.61	17.67		
10	256QAM	25	0	18.07	18.06	18.03	18.04	17.93	19	5
10	256QAM	25	12	18.15	18.03	18.07	18.16	17.97		
10	256QAM	25	25	17.98	17.86	18.03	18.01	17.92		
10	256QAM	50	0	17.91	18.00	18.05	17.95	18.00		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.02	23.02	22.99	23.10	23.23	24.00	0
5	QPSK	1	12	23.14	23.23	23.23	23.32	23.30		
5	QPSK	1	24	22.92	23.06	23.04	23.16	23.26		
5	QPSK	12	0	22.07	22.19	22.16	22.18	22.27	23	1
5	QPSK	12	7	22.12	22.21	22.26	22.32	22.37		
5	QPSK	12	13	22.03	22.16	22.16	22.29	22.32		
5	QPSK	25	0	22.07	22.18	22.15	22.29	22.30		
5	16QAM	1	0	22.16	22.17	22.13	22.25	22.32	23	1
5	16QAM	1	12	22.08	22.17	22.17	22.27	22.37		
5	16QAM	1	24	22.17	22.28	22.24	22.39	22.46		
5	16QAM	12	0	21.09	21.16	21.14	21.17	21.24	22	2
5	16QAM	12	7	21.10	21.17	21.17	21.28	21.33		
5	16QAM	12	13	21.11	21.17	21.18	21.27	21.30		
5	16QAM	25	0	21.15	21.23	21.19	21.31	21.37		
5	64QAM	1	0	20.93	20.80	20.81	20.94	21.04	22	2
5	64QAM	1	12	20.94	21.05	20.89	21.10	21.24		
5	64QAM	1	24	20.92	20.99	21.02	21.05	21.20		
5	64QAM	12	0	20.18	20.22	20.19	20.25	20.33	21	3
5	64QAM	12	7	20.17	20.26	20.25	20.36	20.46		
5	64QAM	12	13	20.15	20.22	20.24	20.35	20.40		
5	64QAM	25	0	20.16	20.26	20.25	20.37	20.39		
5	256QAM	1	0	17.91	17.82	18.04	17.94	17.89	19	5
5	256QAM	1	12	17.56	17.70	17.72	17.56	17.65		
5	256QAM	1	24	17.65	17.73	17.80	17.63	17.70		
5	256QAM	12	0	17.98	17.98	18.03	17.96	17.95	19	5
5	256QAM	12	7	18.04	18.02	18.05	18.09	18.04		
5	256QAM	12	13	17.93	17.95	18.10	17.96	17.95		
5	256QAM	25	0	17.94	18.08	18.09	17.95	18.13		

Band 41_Ant1（HPUE）

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.63	25.75	25.82	25.95	25.98	27	0
20	QPSK	1	49	25.60	25.75	25.82	25.90	25.89		
20	QPSK	1	99	25.68	25.76	25.88	25.90	25.92		
20	QPSK	50	0	24.83	25.01	25.01	25.07	25.20	26	1
20	QPSK	50	24	24.82	24.90	24.98	25.01	25.08		
20	QPSK	50	50	24.82	24.95	24.91	25.01	25.15		
20	QPSK	100	0	24.80	24.94	24.92	25.03	25.15		
20	16QAM	1	0	25.05	25.20	25.25	25.36	25.43	26	1
20	16QAM	1	49	25.06	25.19	25.16	25.30	25.32		
20	16QAM	1	99	25.07	25.24	25.35	25.33	25.37		
20	16QAM	50	0	23.91	24.07	24.05	24.15	24.18	25	2
20	16QAM	50	24	24.01	24.15	24.11	24.12	24.16		
20	16QAM	50	50	24.02	24.13	24.08	24.20	24.25		
20	16QAM	100	0	22.08	22.18	22.17	22.15	22.21		
20	64QAM	1	0	23.83	24.01	24.02	24.15	24.15	25	2
20	64QAM	1	49	23.97	23.96	24.08	24.18	24.22		
20	64QAM	1	99	23.96	24.03	24.19	24.21	24.25		
20	64QAM	50	0	22.94	23.16	23.05	23.12	23.18	24	3
20	64QAM	50	24	23.04	23.17	23.15	23.17	23.17		
20	64QAM	50	50	23.04	23.10	23.17	23.22	23.20		
20	64QAM	100	0	23.10	23.18	23.17	23.16	23.18		
20	256QAM	1	0	20.72	20.73	20.83	20.76	20.82	22	5
20	256QAM	1	49	20.80	20.70	20.70	20.76	20.72		
20	256QAM	1	99	20.78	20.74	20.72	20.79	20.78		
20	256QAM	50	0	20.79	20.75	20.70	20.80	20.81	22	5
20	256QAM	50	24	20.81	20.69	20.71	20.78	20.76		
20	256QAM	50	50	20.70	20.70	20.81	20.78	20.69		
20	256QAM	100	0	20.75	20.70	20.80	20.81	20.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.90	25.86	25.88	25.91	25.87	27.00	0
15	QPSK	1	37	25.84	25.80	25.82	25.81	25.75		
15	QPSK	1	74	25.86	25.95	25.87	25.87	25.84		
15	QPSK	36	0	25.00	25.11	25.00	25.09	25.11	26	1
15	QPSK	36	20	25.02	25.10	25.05	24.99	25.07		
15	QPSK	36	39	25.10	25.17	25.08	25.11	25.12		
15	QPSK	75	0	23.01	23.04	23.09	23.13	23.03		
15	16QAM	1	0	25.34	25.35	25.30	25.28	25.31	26	1
15	16QAM	1	37	25.29	25.18	25.21	25.21	25.17		
15	16QAM	1	74	25.36	25.36	25.22	25.30	25.23		
15	16QAM	36	0	24.17	24.12	24.10	24.06	24.06	25	2
15	16QAM	36	20	24.03	24.15	24.10	24.11	24.07		
15	16QAM	36	39	24.23	24.11	24.20	24.20	24.22		
15	16QAM	75	0	22.06	22.17	22.06	22.15	22.06		
15	64QAM	1	0	24.07	24.02	24.02	24.02	24.07	25	2
15	64QAM	1	37	24.17	24.08	24.15	24.11	24.17		
15	64QAM	1	74	24.14	24.20	24.16	24.24	24.19		
15	64QAM	36	0	23.13	23.16	23.17	23.09	23.16	24	3
15	64QAM	36	20	23.14	23.07	23.12	23.15	23.13		
15	64QAM	36	39	23.13	23.19	23.16	23.18	23.13		
15	64QAM	75	0	23.09	23.17	23.12	23.09	23.11		
15	256QAM	1	0	20.63	20.62	20.68	20.73	20.72	22	5
15	256QAM	1	37	20.67	20.56	20.58	20.61	20.53		
15	256QAM	1	74	20.60	20.63	20.74	20.69	20.72		
15	256QAM	36	0	20.64	20.76	20.71	20.70	20.66	22	5
15	256QAM	36	20	20.71	20.60	20.67	20.60	20.74		
15	256QAM	36	39	20.65	20.53	20.64	20.62	20.67		
15	256QAM	75	0	20.60	20.57	20.55	20.49	20.50		
Channel				39700	40150	40620	41090	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.93	25.88	25.85	25.93	25.88	27.00	0
10	QPSK	1	25	25.77	25.77	25.88	25.88	25.88		
10	QPSK	1	49	25.94	25.87	25.91	25.97	25.93		
10	QPSK	25	0	25.05	25.00	24.99	24.99	25.13	26	1
10	QPSK	25	12	24.98	25.06	25.09	25.04	24.99		
10	QPSK	25	25	25.07	25.11	25.04	25.09	25.13		
10	QPSK	50	0	23.13	22.99	23.08	23.01	23.04		
10	16QAM	1	0	25.34	25.40	25.28	25.42	25.39	26	1
10	16QAM	1	25	25.25	25.28	25.23	25.29	25.18		
10	16QAM	1	49	25.23	25.23	25.32	25.25	25.36		
10	16QAM	25	0	24.04	24.03	24.14	24.12	24.14	25	2
10	16QAM	25	12	24.02	24.02	24.06	24.09	24.11		
10	16QAM	25	25	24.21	24.16	24.24	24.16	24.10		
10	16QAM	50	0	22.14	22.06	22.09	22.13	22.06		
10	64QAM	1	0	24.01	24.13	24.07	24.12	24.09	25	2
10	64QAM	1	25	24.12	24.12	24.15	24.19	24.10		
10	64QAM	1	49	24.18	24.11	24.21	24.22	24.13		
10	64QAM	25	0	23.17	23.11	23.10	23.15	23.08	24	3
10	64QAM	25	12	23.09	23.14	23.13	23.14	23.12		
10	64QAM	25	25	23.18	23.15	23.18	23.14	23.19		
10	64QAM	50	0	23.12	23.08	23.10	23.14	23.15		
10	256QAM	1	0	20.68	20.75	20.76	20.73	20.74	22	5
10	256QAM	1	25	20.52	20.62	20.71	20.64	20.57		
10	256QAM	1	49	20.58	20.69	20.71	20.64	20.58		
10	256QAM	25	0	20.68	20.62	20.61	20.76	20.63	22	5
10	256QAM	25	12	20.74	20.63	20.60	20.56	20.68		
10	256QAM	25	25	20.60	20.61	20.59	20.54	20.56		
10	256QAM	50	0	20.64	20.54	20.51	20.62	20.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.88	25.85	25.90	25.95	25.88	27.00	0
5	QPSK	1	12	25.77	25.88	25.80	25.79	25.79		
5	QPSK	1	24	25.85	25.96	25.94	25.89	25.83		
5	QPSK	12	0	25.03	25.02	25.00	25.13	25.02	26	1
5	QPSK	12	7	25.09	25.05	24.98	25.04	25.01		
5	QPSK	12	13	25.07	25.07	25.16	25.10	25.11		
5	QPSK	25	0	23.12	23.04	22.99	23.08	23.11		
5	16QAM	1	0	25.31	25.32	25.34	25.37	25.33	26	1
5	16QAM	1	12	25.27	25.20	25.23	25.22	25.18		
5	16QAM	1	24	25.33	25.24	25.31	25.27	25.35		
5	16QAM	12	0	24.03	24.05	24.15	24.09	24.07	25	2
5	16QAM	12	7	24.08	24.02	24.14	24.10	24.10		
5	16QAM	12	13	24.15	24.21	24.10	24.13	24.15		
5	16QAM	25	0	22.07	22.12	22.13	22.10	22.13		
5	64QAM	1	0	24.08	24.08	24.04	24.11	24.08	25	2
5	64QAM	1	12	24.21	24.07	24.07	24.15	24.17		
5	64QAM	1	24	24.19	24.15	24.15	24.22	24.24		
5	64QAM	12	0	23.13	23.09	23.12	23.17	23.13	24	3
5	64QAM	12	7	23.12	23.15	23.16	23.08	23.12		
5	64QAM	12	13	23.19	23.12	23.18	23.16	23.13		
5	64QAM	25	0	23.11	23.08	23.10	23.17	23.11		
5	256QAM	1	0	20.78	20.62	20.76	20.67	20.81	22	5
5	256QAM	1	12	20.63	20.84	20.58	20.58	20.53		
5	256QAM	1	24	20.59	20.65	20.67	20.62	20.58		
5	256QAM	12	0	20.74	20.75	20.66	20.72	20.76	22	5
5	256QAM	12	7	20.59	20.64	20.63	20.66	20.75		
5	256QAM	12	13	20.55	20.60	20.53	20.50	20.50		
5	256QAM	25	0	20.63	20.49	20.66	20.58	20.66		

Band 48_Ant5_For FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3549	3609	3641	3690		
20	QPSK	1	0	22.25	22.13	22.20	22.14	24	0
20	QPSK	1	49	21.92	21.81	21.87	21.89		
20	QPSK	1	99	22.08	21.94	22.06	22.06		
20	QPSK	50	0	21.30	21.11	21.27	21.25	23	1
20	QPSK	50	24	21.18	21.10	21.12	21.11		
20	QPSK	50	50	21.28	21.11	21.18	21.20		
20	QPSK	100	0	21.17	21.08	21.15	21.13		
20	16QAM	1	0	21.10	20.97	21.07	21.07	23	1
20	16QAM	1	49	21.13	21.03	21.12	21.08		
20	16QAM	1	99	21.21	21.10	21.09	21.15		
20	16QAM	50	0	20.33	20.17	20.26	20.30	22	2
20	16QAM	50	24	20.28	20.11	20.19	20.23		
20	16QAM	50	50	20.28	20.11	20.23	20.20		
20	16QAM	100	0	20.25	20.14	20.13	20.15		
20	64QAM	1	0	19.76	19.64	19.70	19.69	22	2
20	64QAM	1	49	19.82	19.65	19.77	19.72		
20	64QAM	1	99	19.84	19.75	19.76	19.81		
20	64QAM	50	0	19.27	19.18	19.21	19.18	21	3
20	64QAM	50	24	19.28	19.15	19.17	19.16		
20	64QAM	50	50	19.27	19.16	19.22	19.16		
20	64QAM	100	0	19.19	19.11	19.12	19.17		
20	256QAM	1	0	17.11	17.02	16.99	17.01	19	5
20	256QAM	1	49	16.98	16.89	16.87	16.89		
20	256QAM	1	99	17.13	17.02	17.06	17.08		
20	256QAM	50	0	17.34	17.23	17.31	17.31	19	5
20	256QAM	50	24	17.31	17.14	17.21	17.27		
20	256QAM	50	50	17.33	17.20	17.28	17.27		
20	256QAM	100	0	17.34	17.15	17.27	17.29		
Channel				55315	55820	56180	56685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3547.5	3608	3642	3692.5		
15	QPSK	1	0	22.23	21.85	22.13	21.93	24	0
15	QPSK	1	37	21.82	21.72	21.86	21.85		
15	QPSK	1	74	21.97	21.84	22.00	21.96		
15	QPSK	36	0	21.20	21.00	21.26	21.20	23	1
15	QPSK	36	20	21.12	21.09	21.00	21.05		
15	QPSK	36	39	21.23	21.06	21.07	21.15		
15	QPSK	75	0	21.16	21.04	21.04	21.04		
15	16QAM	1	0	21.03	20.91	20.99	21.06	23	1
15	16QAM	1	37	21.06	20.94	21.08	20.99		
15	16QAM	1	74	21.10	21.06	21.07	21.12		
15	16QAM	36	0	20.27	20.06	20.17	20.26	22	2
15	16QAM	36	20	20.24	20.04	20.13	20.16		
15	16QAM	36	39	20.23	19.99	20.13	20.11		
15	16QAM	75	0	20.17	20.03	20.11	20.05		
15	64QAM	1	0	19.74	19.52	19.67	19.64	22	2
15	64QAM	1	37	19.72	19.53	19.71	19.61		
15	64QAM	1	74	19.82	19.70	19.74	19.76		
15	64QAM	36	0	19.18	19.09	19.13	19.10	21	3
15	64QAM	36	20	19.21	19.12	19.16	19.11		
15	64QAM	36	39	19.23	19.06	19.14	19.09		
15	64QAM	75	0	19.15	19.03	19.05	19.15		
15	256QAM	1	0	17.06	16.97	16.88	16.96	19	5
15	256QAM	1	37	16.87	16.82	16.75	16.80		
15	256QAM	1	74	17.09	16.94	17.02	17.07		
15	256QAM	36	0	17.32	17.19	17.19	17.29	19	5
15	256QAM	36	20	17.26	17.10	17.19	17.16		
15	256QAM	36	39	17.26	17.09	17.25	17.24		
15	256QAM	75	0	17.31	17.10	17.20	17.18		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3545	3607.5	3642.5	3695		
10	QPSK	1	0	22.21	21.88	22.08	21.97	24	0
10	QPSK	1	25	21.88	21.74	21.86	21.83		
10	QPSK	1	49	21.99	21.88	22.01	21.96		
10	QPSK	25	0	21.21	21.10	21.19	21.22	23	1
10	QPSK	25	12	21.13	21.02	21.04	21.09		
10	QPSK	25	25	21.16	20.99	21.17	21.17		
10	QPSK	50	0	21.08	21.00	21.01	21.04		
10	16QAM	1	0	21.03	20.93	20.95	21.02	23	1
10	16QAM	1	25	21.01	20.95	21.08	21.06		
10	16QAM	1	49	21.18	21.08	21.02	21.09		
10	16QAM	25	0	20.26	20.16	20.17	20.26	22	2
10	16QAM	25	12	20.17	20.08	20.15	20.21		
10	16QAM	25	25	20.21	20.00	20.19	20.19		
10	16QAM	50	0	20.15	20.02	20.04	20.09		
10	64QAM	1	0	19.70	19.53	19.64	19.68	22	2
10	64QAM	1	25	19.72	19.58	19.68	19.61		
10	64QAM	1	49	19.75	19.67	19.73	19.71		
10	64QAM	25	0	19.23	19.08	19.11	19.06	21	3
10	64QAM	25	12	19.19	19.06	19.06	19.06		
10	64QAM	25	25	19.19	19.14	19.10	19.05		
10	64QAM	50	0	19.08	19.03	19.00	19.13		
10	256QAM	1	0	17.02	16.91	16.92	16.99	19	5
10	256QAM	1	25	16.97	16.83	16.77	16.86		
10	256QAM	1	49	17.09	16.99	16.94	17.02		
10	256QAM	25	0	17.27	17.15	17.25	17.27	19	5
10	256QAM	25	12	17.30	17.09	17.18	17.24		
10	256QAM	25	25	17.25	17.17	17.21	17.18		
10	256QAM	50	0	17.26	17.09	17.26	17.23		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3542.5	3607	3643	3697.5		
5	QPSK	1	0	22.15	21.91	22.10	21.96	24	0
5	QPSK	1	12	21.87	21.76	21.76	21.79		
5	QPSK	1	24	22.05	21.93	21.97	21.98		
5	QPSK	12	0	21.20	21.03	21.19	21.20	23	1
5	QPSK	12	7	21.13	21.03	21.09	21.06		
5	QPSK	12	13	21.21	21.04	21.08	21.15		
5	QPSK	25	0	21.16	20.96	20.99	21.08		
5	16QAM	1	0	20.99	20.92	20.98	21.06	23	1
5	16QAM	1	12	21.06	20.93	21.03	21.04		
5	16QAM	1	24	21.20	21.01	20.97	21.13		
5	16QAM	12	0	20.30	20.06	20.21	20.23	22	2
5	16QAM	12	7	20.19	20.05	20.09	20.15		
5	16QAM	12	13	20.23	20.03	20.19	20.16		
5	16QAM	25	0	20.16	20.12	20.07	20.13		
5	64QAM	1	0	19.72	19.63	19.63	19.60	22	2
5	64QAM	1	12	19.73	19.56	19.73	19.66		
5	64QAM	1	24	19.74	19.72	19.75	19.76		
5	64QAM	12	0	19.24	19.14	19.20	19.14	21	3
5	64QAM	12	7	19.17	19.03	19.12	19.09		
5	64QAM	12	13	19.18	19.12	19.12	19.15		
5	64QAM	25	0	19.12	19.10	19.05	19.11		
5	256QAM	1	0	17.10	16.99	16.89	16.92	19	5
5	256QAM	1	12	16.89	16.77	16.77	16.78		
5	256QAM	1	24	17.12	16.91	16.94	17.06		
5	256QAM	12	0	17.32	17.18	17.20	17.25	19	5
5	256QAM	12	7	17.21	17.05	17.17	17.16		
5	256QAM	12	13	17.30	17.17	17.19	17.21		
5	256QAM	25	0	17.31	17.06	17.23	17.19		

Uplink CA Power

CA_5B_Ant0											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	state
			RB Size	RB offset	RB Size	RB offset					
20450	20549	QPSK	1	0	0	0	1	0	22.83	**24.00**	**DSI2**
20575	20476	QPSK	1	0	0	0	1	0	22.93	**24.00**	**DSI2**
20600	20501	QPSK	1	0	0	0	1	0	22.71	**24.00**	**DSI2**
20450	20549	QPSK	1	0	0	0	1	0	22.83	**24.00**	**DSI2 Sim**
20575	20476	QPSK	1	0	0	0	1	0	22.93	**24.00**	**DSI2 Sim**
20600	20501	QPSK	1	0	0	0	1	0	22.71	**24.00**	**DSI2 Sim**
20450	20549	QPSK	1	0	0	0	1	0	21.21	**22.30**	**DSI3**
20575	20476	QPSK	1	0	0	0	1	0	21.23	**22.30**	**DSI3**
20600	20501	QPSK	1	0	0	0	1	0	21.16	**22.30**	**DSI3**
20450	20549	QPSK	1	0	0	0	1	0	21.21	**22.30**	**DSI3Sim**
20575	20476	QPSK	1	0	0	0	1	0	21.23	**22.30**	**DSI3Sim**
20600	20501	QPSK	1	0	0	0	1	0	21.16	**22.30**	**DSI3Sim**
20450	20549	QPSK	1	0	0	0	1	0	22.23	**23.30**	**DSI6**
20575	20476	QPSK	1	0	0	0	1	0	22.25	**23.30**	**DSI6**
20600	20501	QPSK	1	0	0	0	1	0	22.08	**23.30**	**DSI6**
20450	20549	QPSK	1	0	0	0	1	0	22.83	**24.00**	**Full**
20575	20476	QPSK	1	0	0	0	1	0	22.93	**24.00**	**Full**
20600	20501	QPSK	1	0	0	0	1	0	22.71	**24.00**	**Full**

CA_5B_Ant4											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	state
			RB Size	RB offset	RB Size	RB offset					
20450	20549	QPSK	1	0	0	0	1	0	21.13	**22.70**	**DSI2**
20575	20476	QPSK	1	0	0	0	1	0	21.14	**22.70**	**DSI2**
20600	20501	QPSK	1	0	0	0	1	0	21.00	**22.70**	**DSI2**
20450	20549	QPSK	1	0	0	0	1	0	20.27	**21.50**	**DSI2 Sim**
20575	20476	QPSK	1	0	0	0	1	0	20.31	**21.50**	**DSI2 Sim**
20600	20501	QPSK	1	0	0	0	1	0	20.26	**21.50**	**DSI2 Sim**
20450	20549	QPSK	1	0	0	0	1	0	21.84	**23.20**	**DSI3**
20575	20476	QPSK	1	0	0	0	1	0	21.86	**23.20**	**DSI3**
20600	20501	QPSK	1	0	0	0	1	0	21.73	**23.20**	**DSI3**
20450	20549	QPSK	1	0	0	0	1	0	20.68	**22.00**	**DSI3Sim**
20575	20476	QPSK	1	0	0	0	1	0	20.71	**22.00**	**DSI3Sim**
20600	20501	QPSK	1	0	0	0	1	0	20.53	**22.00**	**DSI3Sim**
20450	20549	QPSK	1	0	0	0	1	0	22.46	**24.00**	**DSI6**
20575	20476	QPSK	1	0	0	0	1	0	22.53	**24.00**	**DSI6**
20600	20501	QPSK	1	0	0	0	1	0	22.32	**24.00**	**DSI6**
20450	20549	QPSK	1	0	0	0	1	0	22.46	**24.00**	**Full**
20575	20476	QPSK	1	0	0	0	1	0	22.53	**24.00**	**Full**
20600	20501	QPSK	1	0	0	0	1	0	22.32	**24.00**	**Full**

CA_7C_Ant1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	state
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	20.83	**22.00**	**DSI2**
21100	20902	QPSK	1	0	0	0	1	0	20.77	**22.00**	**DSI2**
21350	21152	QPSK	1	0	0	0	1	0	20.89	**22.00**	**DSI2**
20850	21048	QPSK	1	0	0	0	1	0	20.83	**22.00**	**DSI2 Sim**
21100	20902	QPSK	1	0	0	0	1	0	20.77	**22.00**	**DSI2 Sim**
21350	21152	QPSK	1	0	0	0	1	0	20.89	**22.00**	**DSI2 Sim**
20850	21048	QPSK	1	0	0	0	1	0	16.64	**17.80**	**DSI3**
21100	20902	QPSK	1	0	0	0	1	0	16.76	**17.80**	**DSI3**
21350	21152	QPSK	1	0	0	0	1	0	16.73	**17.80**	**DSI3**
20850	21048	QPSK	1	0	0	0	1	0	16.64	**17.80**	**DSI3Sim**
21100	20902	QPSK	1	0	0	0	1	0	16.76	**17.80**	**DSI3Sim**
21350	21152	QPSK	1	0	0	0	1	0	16.73	**17.80**	**DSI3Sim**
20850	21048	QPSK	1	0	0	0	1	0	18.08	**19.40**	**DSI6**
21100	20902	QPSK	1	0	0	0	1	0	18.22	**19.40**	**DSI6**
21350	21152	QPSK	1	0	0	0	1	0	18.16	**19.40**	**DSI6**
20850	21048	QPSK	1	0	0	0	1	0	22.82	**24.00**	**full**
21100	20902	QPSK	1	0	0	0	1	0	22.76	**24.00**	**full**
21350	21152	QPSK	1	0	0	0	1	0	22.98	**24.00**	**full**

CA_66B_Ant0											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	state
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	0	0	0	1	0	22.89	**24.00**	**DSI2**
132322	132229	QPSK	1	0	0	0	1	0	23.00	**24.00**	**DSI2**
132597	132504	QPSK	1	0	0	0	1	0	23.04	**24.00**	**DSI2**
132047	132140	QPSK	1	0	0	0	1	0	22.89	**24.00**	**DSI2 Sim**
132322	132229	QPSK	1	0	0	0	1	0	23.00	**24.00**	**DSI2 Sim**
132597	132504	QPSK	1	0	0	0	1	0	23.04	**24.00**	**DSI2 Sim**
132047	132140	QPSK	1	0	0	0	1	0	17.00	**18.00**	**DSI3**
132322	132229	QPSK	1	0	0	0	1	0	17.11	**18.00**	**DSI3**
132597	132504	QPSK	1	0	0	0	1	0	16.95	**18.00**	**DSI3**
132047	132140	QPSK	1	0	0	0	1	0	16.01	**17.00**	**DSI3Sim**
132322	132229	QPSK	1	0	0	0	1	0	16.09	**17.00**	**DSI3Sim**
132597	132504	QPSK	1	0	0	0	1	0	15.94	**17.00**	**DSI3Sim**
132047	132140	QPSK	1	0	0	0	1	0	20.42	**21.50**	**DSI6**
132322	132229	QPSK	1	0	0	0	1	0	20.43	**21.50**	**DSI6**
132597	132504	QPSK	1	0	0	0	1	0	20.39	**21.50**	**DSI6**
132047	132140	QPSK	1	0	0	0	1	0	22.89	**24.00**	**full**
132322	132229	QPSK	1	0	0	0	1	0	23.00	**24.00**	**full**
132597	132504	QPSK	1	0	0	0	1	0	23.04	**24.00**	**full**

CA_66C_Ant0											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	state
			RB Size	RB offset	RB Size	RB offset					
132072	132270	QPSK	1	0	0	0	1	0	22.81	**24.00**	**DSI2**
132322	132124	QPSK	1	0	0	0	1	0	22.85	**24.00**	**DSI2**
132572	132374	QPSK	1	0	0	0	1	0	22.93	**24.00**	**DSI2**
132072	132270	QPSK	1	0	0	0	1	0	22.81	**24.00**	**DSI2 Sim**
132322	132124	QPSK	1	0	0	0	1	0	22.85	**24.00**	**DSI2 Sim**
132572	132374	QPSK	1	0	0	0	1	0	22.93	**24.00**	**DSI2 Sim**
132072	132270	QPSK	1	0	0	0	1	0	16.97	**18.00**	**DSI3**
132322	132124	QPSK	1	0	0	0	1	0	17.21	**18.00**	**DSI3**
132572	132374	QPSK	1	0	0	0	1	0	17.20	**18.00**	**DSI3**
132072	132270	QPSK	1	0	0	0	1	0	15.96	**17.00**	**DSI3Sim**
132322	132124	QPSK	1	0	0	0	1	0	16.05	**17.00**	**DSI3Sim**
132572	132374	QPSK	1	0	0	0	1	0	15.91	**17.00**	**DSI3Sim**
132072	132270	QPSK	1	0	0	0	1	0	20.67	**21.50**	**DSI6**
132322	132124	QPSK	1	0	0	0	1	0	20.68	**21.50**	**DSI6**
132572	132374	QPSK	1	0	0	0	1	0	20.64	**21.50**	**DSI6**
132072	132270	QPSK	1	0	0	0	1	0	22.81	**24.00**	**full**
132322	132124	QPSK	1	0	0	0	1	0	22.85	**24.00**	**full**
132572	132374	QPSK	1	0	0	0	1	0	22.93	**24.00**	**full**

CA_66B_Ant4											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	state
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	0	0	0	1	0	19.17	**20.00**	**DSI2**
132322	132229	QPSK	1	0	0	0	1	0	19.24	**20.00**	**DSI2**
132597	132504	QPSK	1	0	0	0	1	0	18.99	**20.00**	**DSI2**
132047	132140	QPSK	1	0	0	0	1	0	18.24	**19.00**	**DSI2 Sim**
132322	132229	QPSK	1	0	0	0	1	0	18.31	**19.00**	**DSI2 Sim**
132597	132504	QPSK	1	0	0	0	1	0	18.18	**19.00**	**DSI2 Sim**
132047	132140	QPSK	1	0	0	0	1	0	20.99	**22.00**	**DSI3**
132322	132229	QPSK	1	0	0	0	1	0	21.17	**22.00**	**DSI3**
132597	132504	QPSK	1	0	0	0	1	0	20.91	**22.00**	**DSI3**
132047	132140	QPSK	1	0	0	0	1	0	18.47	**19.50**	**DSI3Sim**
132322	132229	QPSK	1	0	0	0	1	0	18.55	**19.50**	**DSI3Sim**
132597	132504	QPSK	1	0	0	0	1	0	18.24	**19.50**	**DSI3Sim**
132047	132140	QPSK	1	0	0	0	1	0	20.55	**21.50**	**DSI6**
132322	132229	QPSK	1	0	0	0	1	0	20.67	**21.50**	**DSI6**
132597	132504	QPSK	1	0	0	0	1	0	20.50	**21.50**	**DSI6**
132047	132140	QPSK	1	0	0	0	1	0	23.08	**24.00**	**full**
132322	132229	QPSK	1	0	0	0	1	0	23.09	**24.00**	**full**
132597	132504	QPSK	1	0	0	0	1	0	22.96	**24.00**	**full**

CA_66C_Ant4											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	state
			RB Size	RB offset	RB Size	RB offset					
132072	132270	QPSK	1	0	0	0	1	0	19.23	20.00	DSI2
132322	132124	QPSK	1	0	0	0	1	0	19.26	20.00	DSI2
132572	132374	QPSK	1	0	0	0	1	0	19.11	20.00	DSI2
132072	132270	QPSK	1	0	0	0	1	0	18.18	19.00	DSI2 Sim
132322	132124	QPSK	1	0	0	0	1	0	18.23	19.00	DSI2 Sim
132572	132374	QPSK	1	0	0	0	1	0	18.09	19.00	DSI2 Sim
132072	132270	QPSK	1	0	0	0	1	0	21.17	22.00	DSI3
132322	132124	QPSK	1	0	0	0	1	0	21.22	22.00	DSI3
132572	132374	QPSK	1	0	0	0	1	0	21.09	22.00	DSI3
132072	132270	QPSK	1	0	0	0	1	0	18.54	19.50	DSI3Sim
132322	132124	QPSK	1	0	0	0	1	0	18.62	19.50	DSI3Sim
132572	132374	QPSK	1	0	0	0	1	0	18.32	19.50	DSI3Sim
132072	132270	QPSK	1	0	0	0	1	0	20.73	21.50	DSI6
132322	132124	QPSK	1	0	0	0	1	0	20.81	21.50	DSI6
132572	132374	QPSK	1	0	0	0	1	0	20.65	21.50	DSI6
132072	132270	QPSK	1	0	0	0	1	0	23.09	24.00	full
132322	132124	QPSK	1	0	0	0	1	0	23.13	24.00	full
132572	132374	QPSK	1	0	0	0	1	0	23.01	24.00	full

CA_41C_Ant1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	state
			RB Size	RB offset	RB Size	RB offset					
39790	39988	QPSK	1	0	0	0	1	0	22.14	23.50	DSI2
39750	39948	QPSK	1	0	0	0	1	0	22.04	23.50	DSI2
40185	39987	QPSK	1	0	0	0	1	0	22.18	23.50	DSI2
40620	40422	QPSK	1	0	0	0	1	0	22.38	23.50	DSI2
41055	40857	QPSK	1	0	0	0	1	0	22.35	23.50	DSI2
41490	41292	QPSK	1	0	0	0	1	0	22.47	23.50	DSI2
39790	39988	QPSK	1	0	0	0	1	0	22.14	23.50	DSI2 Sim
39750	39948	QPSK	1	0	0	0	1	0	22.04	23.50	DSI2 Sim
40185	39987	QPSK	1	0	0	0	1	0	22.18	23.50	DSI2 Sim
40620	40422	QPSK	1	0	0	0	1	0	22.38	23.50	DSI2 Sim
41055	40857	QPSK	1	0	0	0	1	0	22.35	23.50	DSI2 Sim
41490	41292	QPSK	1	0	0	0	1	0	22.47	23.50	DSI2 Sim
39790	39988	QPSK	1	0	0	0	1	0	17.98	19.10	DSI3
39750	39948	QPSK	1	0	0	0	1	0	17.97	19.10	DSI3
40185	39987	QPSK	1	0	0	0	1	0	17.98	19.10	DSI3
40620	40422	QPSK	1	0	0	0	1	0	18.18	19.10	DSI3
41055	40857	QPSK	1	0	0	0	1	0	18.21	19.10	DSI3
41490	41292	QPSK	1	0	0	0	1	0	18.35	19.10	DSI3
39790	39988	QPSK	1	0	0	0	1	0	17.98	19.10	DSI3Sim
39750	39948	QPSK	1	0	0	0	1	0	17.97	19.10	DSI3Sim
40185	39987	QPSK	1	0	0	0	1	0	17.98	19.10	DSI3Sim
40620	40422	QPSK	1	0	0	0	1	0	18.18	19.10	DSI3Sim
41055	40857	QPSK	1	0	0	0	1	0	18.21	19.10	DSI3Sim
41490	41292	QPSK	1	0	0	0	1	0	18.35	19.10	DSI3Sim
39790	39988	QPSK	1	0	0	0	1	0	20.48	21.60	DSI6
39750	39948	QPSK	1	0	0	0	1	0	20.55	21.60	DSI6
40185	39987	QPSK	1	0	0	0	1	0	20.47	21.60	DSI6
40620	40422	QPSK	1	0	0	0	1	0	20.56	21.60	DSI6
41055	40857	QPSK	1	0	0	0	1	0	20.61	21.60	DSI6
41490	41292	QPSK	1	0	0	0	1	0	20.63	21.60	DSI6
39790	39988	QPSK	1	0	0	0	1	0	22.56	24.00	full
39750	39948	QPSK	1	0	0	0	1	0	22.57	24.00	full
40185	39987	QPSK	1	0	0	0	1	0	22.62	24.00	full
40620	40422	QPSK	1	0	0	0	1	0	22.88	24.00	full
41055	40857	QPSK	1	0	0	0	1	0	22.85	24.00	full
41490	41292	QPSK	1	0	0	0	1	0	23.04	24.00	full

CA_48C For FCC_Ant5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)	state
			RB Size	RB offset	RB Size	RB offset					
55340	55538	QPSK	1	0	0	0	1	0	20.17	21.00	DSI2
55830	55632	QPSK	1	0	0	0	1	0	20.25	21.00	DSI2
56150	55952	QPSK	1	0	0	0	1	0	20.14	21.00	DSI2
56640	56442	QPSK	1	0	0	0	1	0	20.09	21.00	DSI2
55340	55538	QPSK	1	0	0	0	1	0	19.17	20.00	DSI2 Sim
55830	55632	QPSK	1	0	0	0	1	0	19.21	20.00	DSI2 Sim
56150	55952	QPSK	1	0	0	0	1	0	19.05	20.00	DSI2 Sim
56640	56442	QPSK	1	0	0	0	1	0	19.11	20.00	DSI2 Sim
55340	55538	QPSK	1	0	0	0	1	0	19.17	20.00	DSI3
55830	55632	QPSK	1	0	0	0	1	0	19.21	20.00	DSI3
56150	55952	QPSK	1	0	0	0	1	0	19.05	20.00	DSI3
56640	56442	QPSK	1	0	0	0	1	0	19.11	20.00	DSI3
55340	55538	QPSK	1	0	0	0	1	0	18.27	19.00	DSI3Sim
55830	55632	QPSK	1	0	0	0	1	0	18.35	19.00	DSI3Sim
56150	55952	QPSK	1	0	0	0	1	0	18.24	19.00	DSI3Sim
56640	56442	QPSK	1	0	0	0	1	0	18.29	19.00	DSI3Sim
55340	55538	QPSK	1	0	0	0	1	0	22.31	24.00	DSI6
55830	55632	QPSK	1	0	0	0	1	0	22.42	24.00	DSI6
56150	55952	QPSK	1	0	0	0	1	0	22.24	24.00	DSI6
56640	56442	QPSK	1	0	0	0	1	0	22.29	24.00	DSI6
55340	55538	QPSK	1	0	0	0	1	0	22.31	24.00	full
55830	55632	QPSK	1	0	0	0	1	0	22.42	24.00	full
56150	55952	QPSK	1	0	0	0	1	0	22.24	24.00	full
56640	56442	QPSK	1	0	0	0	1	0	22.29	24.00	full

Downlink CA Power

Full Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
		CA_12A-48A	12	10M	707.5	23095	QPSK	1	0	48	5M	3625	55990	22.63	23.14
		CA_12A-66A	12	10M	707.5	23095	QPSK	1	0	66	20M	2155	66886	22.46	23.14
		CA_13A-66A	13	10M	782	23230	QPSK	1	0	66	20M	2155	66886	22.61	23.02
		CA_25A-41A	25	15M	1880	26340	QPSK	1	0	41	20M	2593	40620	23.09	23.35
		CA_26A-41A	26	15M	831.5	26865	QPSK	1	0	41	20M	2593	40620	22.97	23.13
		CA_41A-41A	41	20M	2680	41490	QPSK	1	0	41	5M	2498.5	39675	22.85	23.35
		CA_4A-17A	4	10M	1732.5	20175	QPSK	1	0	17	10M	740	5790	23.01	23.33
		CA_4A-48A	4	20M	1732.5	20175	QPSK	1	0	48	20	3690	56640	23.12	23.33
		CA_5A-41A	5	10M	836.5	20525	QPSK	1	0	41	20M	2593	40620	23.03	23.11
Intra-Band	Contiguous	CA_7B	7	15M	2535	21100	QPSK	1	0	7	5M	2664.30	3193	22.74	23.13

3CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
		CA_12A-48C	12	10M	707.5	23095	QPSK	1	0	48	20	3625	55990	48	20	3644.8	56188	22.89	23.14
		CA_13A-48A-48A	13	10M	782	23230	QPSK	1	0	48	5	3625	55990	48	20	3690	56640	22.84	23.02
		CA_13A-48A-66A	13	10M	782	23230	QPSK	1	0	48	5	3625	55990	66	20	2155	66886	22.96	23.02
		CA_25A-25A-26A	25	15M	1880	26340	QPSK	1	0	25	5	1992.5	8665	26	5	876.5	8865	22.99	23.35
		CA_25A-41C	25	15M	1880	26340	QPSK	1	0	41	20	2593	40620	41	20	2612.8	40818	23.24	23.35
		CA_26A-41C	26	15M	831.5	26865	QPSK	1	0	41	20	2590.5	40595	41	5	2602.2	40712	22.97	23.13
		CA_2A-13A-48A	2	20M	1880	18900	QPSK	1	0	13	10	751	5230	48	20	3560	55340	23.11	23.35
		CA_2A-29A-66A	2	20M	1880	18900	QPSK	1	0	29	10	722.5	9715	66	20	2155	66886	23.09	23.35
		CA_2A-2A-71A	2	20M	1880	18900	QPSK	1	0	2	20	1979.8	1098	71	20	634.5	68786	23.15	23.35
		CA_2A-48A-48A	2	20M	1880	18900	QPSK	1	0	48	5	3625	55990	48	20	3690	56640	23.08	23.35
		CA_2A-4A-13A	2	20M	1880	18900	QPSK	1	0	4	20	2132.5	2175	13	10	751	5230	23.16	23.35
		CA_2A-4A-30A	2	20M	1880	18900	QPSK	1	0	4	20	2132.5	2175	30	10	2355	9820	23.14	23.35
		CA_2A-5A-48A	2	20M	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3625	55990	23.14	23.35
		CA_2A-5A-7A	2	20M	1880	18900	QPSK	1	0	5	10	881.5	2525	7	20	2680	3350	23.25	23.35
		CA_2A-7A-13A	2	20M	1880	18900	QPSK	1	0	7	20	2655	3100	13	10	751	5230	23.21	23.35
		CA_2C-12A	2	20M	1880	18900	QPSK	1	0	2	20	1979.8	1098	12	10	737.5	5095	23.33	23.35
		CA_41A-41C	41	20M	2680	41490	QPSK	1	0	41	20	2660.2	41292	41	20	2680	41490	23.02	23.35
		CA_48A-48A-48A	48	20M	3560	55340	QPSK	1	0	48	5	3625	55990	48	20	3690	56640	22.03	22.25
		CA_4A-12A-30A	4	20M	1732.5	20175	QPSK	1	0	12	10	737.5	5095	30	10	2355	9820	23.06	23.33
		CA_4A-48C	4	20M	1732.5	20175	QPSK	1	0	48	20	3625	55990	48	20	3644.5	56188	23.07	23.33
		CA_4A-4A-13A	4	20M	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	13	10	751	5230	23.11	23.33
		CA_4A-4A-71A	4	20M	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	71	20	634.5	68786	23.16	23.33
		CA_4A-4A-7A	4	20M	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	7	20	2680	3350	23.24	23.33
		CA_4A-5A-30A	4	20M	1732.5	20175	QPSK	1	0	5	10	881.5	2525	30	10	2355	9820	23.08	23.33
		CA_4A-7A-12A	4	20M	1732.5	20175	QPSK	1	0	7	20	2655	3100	12	10	737.5	5095	23.13	23.33
		CA_5A-48A-66A	5	10M	836.5	20525	QPSK	1	0	48	20	3625	55990	66	20	2155	66886	22.89	23.11
		CA_5A-7A-7A	5	10M	836.5	20525	QPSK	1	0	7	20	2630	2850	7	20	2680	3350	22.87	23.11
		CA_66A-66C	66	20M	1745	132322	QPSK	1	0	66	20	2170.2	67038	66	20	2190	67236	23.05	23.38
		CA_7A-12A-66A	7	20M	2535	21100	QPSK	1	0	12	10	737.5	5095	66	20	2155	66886	22.84	23.13
		CA_7A-13A-66A	7	20M	2535	21100	QPSK	1	0	13	10	751	5230	66	20	2155	66886	23.01	23.13

4CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_12A-30A-66A-66A	12	10M	707.5	23095	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	22.89	23.14
		CA_12B-66A-66A	12	10M	707.5	23095	QPSK	1	0	12	10	744.7	5167	66	20	2155	66886	66	5	2197.5	67311	22.87	23.14
		CA_13A-48A-48C	13	10M	782	23230	QPSK	1	0	48	20	3625	55990	48	20	3660	56340	48	20	3679.8	56538	22.83	23.02
		CA_13A-48A-66B	13	10M	782	23230	QPSK	1	0	48	20	3625	55990	66	10	2150.1	66837	66	10	2160	66936	22.86	23.02
		CA_13A-48A-66C	13	10M	782	23230	QPSK	1	0	48	20	3625	55990	66	20	2155	66886	66	20	2174.8	67084	22.84	23.02
		CA_13A-48C-66A	13	10M	782	23230	QPSK	1	0	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	22.79	23.02
		CA_13A-48D	13	10M	782	23230	QPSK	1	0	48	20	3609	55830	48	20	3628.8	56028	48	20	3648.6	56226	22.83	23.02
		CA_13A-66A-66B	13	10M	782	23230	QPSK	1	0	66	5	2112.5	66461	66	10	2150.1	66837	66	10	2160	66936	22.81	23.02
		CA_14A-30A-66A-66A	14	10M	793	23330	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	22.78	22.99
		CA_14A-66A-66A-66A	14	10M	793	23330	QPSK	1	0	66	20	2145	66786	66	20	2120	66536	66	20	2190	67236	22.74	22.99
		CA_25A-41D	25	15M	1880	26340	QPSK	1	0	41	20	2462.2	41094	41	20	2660.2	41292	41	20	2680	41490	23.06	23.35
		CA_2A-12A-66A-66A	2	20M	1880	18900	QPSK	1	0	12	10	737.5	5095	696	20	2155	66886	66	5	2197.5	67311	23.09	23.35
		CA_2A-12A-66C	2	20M	1880	18900	QPSK	1	0	12	10	737.5	5095	66	20	2170.2	67038	66	20	2190	67236	23.05	23.35
		CA_2A-12B-66A	2	20M	1880	18900	QPSK	1	0	12	5	737.5	5095	12	10	744.7	5167	66	20	2155	66886	23.08	23.35
		CA_2A-13A-48C	2	20M	1880	18900	QPSK	1	0	13	10	751	5230	48	20	3660	56340	48	20	3679.8	56538	23.12	23.35
		CA_2A-13A-66A-66A	2	20M	1880	18900	QPSK	1	0	13	10	751	5230	44	20	2155	66886	66	5	2197.5	67311	23.10	23.35
		CA_2A-13A-66B	2	20M	1880	18900	QPSK	1	0	13	10	751	5230	66	10	2150.1	66837	66	10	2160	66936	23.09	23.35
		CA_2A-13A-66C	2	20M	1880	18900	QPSK	1	0	13	10	751	5230	66	20	2155	66886	66	20	2174.8	67084	23.02	23.35
		CA_2A-14A-66A-66A	2	20M	1880	18900	QPSK	1	0	14	10	763	5330	66	20	2145	66786	66	20	2120	66536	23.13	23.35
		CA_2A-2A-12A-30A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	12	10	737.5	5095	30	10	2355	9820	23.10	23.35
		CA_2A-2A-12A-66A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	12	10	737.5	5095	66	20	2155	66886	23.12	23.35
		CA_2A-2A-12B	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	12	5	737.5	5095	12	10	744.7	5167	23.16	23.35
		CA_2A-2A-13A-66A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	20	2155	66886	23.08	23.35
		CA_2A-2A-14A-30A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	14	10	763	5330	30	10	2355	9820	23.06	23.35
		CA_2A-2A-14A-66A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	14	10	763	5330	66	20	2155	66886	23.09	23.35
		CA_2A-2A-30A-66A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	30	10	2355	9820	66	20	2155	66886	23.13	23.35
		CA_2A-2A-4A-12A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	12	10	737.5	5095	23.11	23.35
		CA_2A-2A-4A-4A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	4	5	2152.5	2375	23.07	23.35
		CA_2A-2A-4A-5A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	5	10	881.5	2525	23.10	23.35
		CA_2A-2A-4A-71A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	71	20	634.5	68786	23.08	23.35
		CA_2A-2A-5A-30A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	30	10	2355	9820	23.06	23.35
		CA_2A-2A-5A-66A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2155	66886	23.09	23.35
		CA_2A-2A-5B	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	874	2450	5	5	881.2	2522	23.11	23.35
		CA_2A-2A-66A-66A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	20	2145	66786	66	20	2155	66886	23.09	23.35
		CA_2A-2A-66A-71A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	20	2155	66886	71	20	634.5	68786	23.07	23.35
		CA_2A-2A-66B	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	10	2150.1	66837	66	10	2160	66936	22.99	23.35
		CA_2A-2A-66C	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	20	2155	66886	66	20	2174.8	67084	23.02	23.35
		CA_2A-2A-7A-12A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	7	20	2630	2850	12	10	737.5	5095	23.08	23.35
		CA_2A-2A-7A-66A	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	7	20	2630	2850	66	20	2155	66886	23.04	23.35
		CA_2A-30A-66A-66A	2	20M	1880	18900	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	23.11	23.35
		CA_2A-48A-48C	2	20M	1880	18900	QPSK	1	0	48	20	3690	56640	48	20	3560	55340	48	5	3574.4	55457	23.09	23.35
		CA_2A-48A-66A-66A	2	20M	1880	18900	QPSK	1	0	48	20	3625	55990	66	20	2155	66886	66	5	2197.5	67311	23.12	23.35
		CA_2A-48C-66A	2	20M	1880	18900	QPSK	1	0	48	20	3625	55990	48	20	3644.5	56188	66	5	2197.5	67311	23.12	23.35
		CA_2A-48D	2	20M	1880	18900	QPSK	1	0	48	20	3609	55830	48	20	3628.8	56028	48	20	3648.6	56226	23.08	23.35
		CA_2A-4A-12B	2	20M	1880	18900	QPSK	1	0	4	20	2132.5	2175	12	5	737.5	5095	12	10	744.7	5167	23.07	23.35
		CA_2A-4A-4A-12A	2	20M	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2152.5	2375	12	10	737.5	5095	23.03	23.35
		CA_2A-4A-4A-5A	2	20M	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2152.5	2375	5	10	881.5	2525	23.07	23.35
		CA_2A-4A-5B	2	20M	1880	18900	QPSK	1	0	4	20	2132.5	2175	5	10	884	2550	5	5	891.2	2622	22.98	23.35
		CA_2A-4A-7A-7A	2	20M	1880	18900	QPSK	1	0	4	20	2132.5	2175	7	20	2630	2850	7	20	2554.8	3298	23.01	23.35
		CA_2A-4A-7C	2	20M	1880	18900	QPSK	1	0	4	20	2132.5	2175	7	20	2655	3100	7	20	2554.8	3298	22.84	23.35
		CA_2A-5A-48C	2	20M	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3660	56340	48	20	3679.8	56538	23.01	23.35
		CA_2A-5A-66A-66A	2	20M	1880	18900	QPSK	1	0	5	10	881.5	2525	66	20	2155	66886	66	5	2197.5	67311	23.12	23.35
		CA_2A-5A-66B	2	20M	1880	18900	QPSK	1	0	5	10	881.5	2525	66	10	2150.1	66837	66	10	2160	66936	23.21	23.35
		CA_2A-5A-66C	2	20M	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2155	66886	22.73	23.35
		CA_2A-5B-30A	2	20M	1880	18900	QPSK	1	0	5	10	874	2450	5	5	881.2	2522	30	10	2355	9820	23.32	23.35
		CA_2A-5B-66A	2	20M	1880	18900	QPSK	1	0	5	10	874	2450	5	5	881.2	2522	66	20	2155	66886	23.05	23.35
		CA_2A-66A-66A-66A	2	20M	1880	18900	QPSK	1	0	66	20	2155	66886	66	5	2197.5	67311	66	20	2155	66886	22.94	23.35
		CA_2A-66A-66A-71A	2	20M	1880	18900	QPSK	1	0	66	20	2155	66886	66	5	2197.5	67311	71	20	634.5	68786	23.08	23.35
		CA_2A-66A-66B	2	20M	1880	18900	QPSK	1	0	66	20	2155	66886	66	10	2150.1	66837	66	10	2160	66936	23.19	23.35
		CA_2A-66C-71A	2	20M	1880	18900	QPSK	1	0	66	20	2170.2	67038	66	20	2190	67236	71	20	634.5	68786	23.15	23.35
		CA_2A-7A-66A-66A	2	20M	1880	18900	QPSK	1	0	7	20	2655	3100	66	20	2120	66536	66	20	2190	67236	23.31	23.35
		CA_2A-7A-7A-13A	2	20M	1880	18900	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	13	10	751	5230	23.13	23.35
		CA_2A-7A-7A-66A	2	20M	1880	18900	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	66	20	2155	66886	23.17	23.35
		CA_2A-7C-13A	2	20M	1880	18900	QPSK	1	0	7	20	2655	3100	7	20	2674.8	3298	13	10	751	5230	23.26	23.35
		CA_2A-7C-66A	2	20M	1880	18900	QPSK	1	0	7	20	2655	3100	7	20	2674.8	3298	66	20	2155	66886	23.22	23.35
		CA_2C-66A-66A	2	20M	1880	18900	QPSK	1	0	2	20	1969.9	999	66	20	2120	66536	66	20	2190	67236	23.28	23.35
		CA_48A-48A-66A-66A	48	20M	3560	55340	QPSK	1	0	48	5	3697.5	56715	66	20	2155	66886	66	5	2197.5	67311	22.05	22.25
		CA_48A-48A-66B	48	20M	3560	55340	QPSK	1	0	48	5	3697.5	56715	66	10	2150.1	66837	66	10	2160	66936	22.08	22.25
		CA_48A-48A-66C	48	20M	3560	55340	QPSK	1	0	48	5	3697.5	56715	66	20	2155	66886	66	20	2174.8	67084	22.24	22.25
		CA_48A-48C-66A	48	20M	3560	55340	QPSK	1	0	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	22.08	22.25
		CA_48A-48D	48	20M	3560	55340	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	22.09	22.25
		CA_48C-48C	48	20M	3560	55340	QPSK	1	0	48	20	3579.8	55538	48	20	3670.2	56442	48	20	3690	56640	22.09	22.25
		CA_48C-66A-66A	48	20M	3560	55340	QPSK	1	0	48	20	3579.8	55538	66	20	2155	66886	66	5	2197.5	67311	22.07	22.25
		CA_48C-66B	48	20M	3560	55340	QPSK	1	0	48	20	3579.8	55538	66	10	2150.1	66837	66	10	2160	66936	22.05	22.25
		CA_48C-66C	48	20M	3560	55340	QPSK	1	0	48	20	3579.8	55538	66	20	2155	66886	66	20	2174.8	67084	22.16	22.25
		CA_48D-66A	48	20M	3560	55340	QPSK	1	0	48	20	3628.8	56028	48	20	3648.6	56226	66	20	2155	66886	22.15	22.25
		CA_4A-48D	4	20M	1732.5	20175	QPSK	1	0	48	20	3560	55340	48	20	55359.8	3758	48	20	55379.6	3956	23.18	23.33
		CA_4A-4A-12B	4	20M	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	12	5	737.5	5095	12	10	744.7	5167	23.17	23.33
		CA_4A-4A-5B	4	20M	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	5	10	874	2450	5	5	881.2	2522	23.18	23.33
		CA_5A-30A-66A-66A	5	10M	836.5	20525	QPSK	1	0	30	10	2355	9820	66	20	2155	66886	66	5	2197.5	67311	23.03	23.11
		CA_5A-48C-66A	5	10M	836.5	20525	QPSK	1	0	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	23.04	23.11
		CA_5A-48D	5	10M	836.5	20525	QPSK	1	0	48	20	3609	55830	48	20	3628.8	56028	48	20	3648.6	56226	23.05	23.11
		CA_5A-5A-66A-66A	5	10M	836.5	20525	QPSK	1	0	5	5	891.5	2625	66	20	2155	66886	66	5	2197.5	67311	22.94	23.11
		CA_5A-5A-66B	5	10M	836.5	20525	QPSK	1	0	5	5	891.5	2625	66	10	2150.1	66837	66	10	2160	66936	22.96	23.11
		CA_5A-5A-66C	5	10M	836.5	20525	QPSK	1	0	5	5	891.5	2625	66	20	2155	66886	66	20	2174.8	67084	23.00	23.11
		CA_5A-7A-66A-66A	5	10M	836.5	20525	QPSK	1	0	7	20	2655	3100	66	20	2155	66886	66	5	2197.5	67311	23.04	23.11
		CA_5A-7C-66A	5	10M	836.5	20525	QPSK	1	0	7	20	2655	3100	7	20	2554.8	3298	66	20	2145	66786	23.07	23.11
		CA_5B-30A-66A	5	10M	836.5	20525	QPSK	1	0	5	5	881.2	2522	30	10	2355	9820	66	20	2155	66886	22.94	23.11
		CA_5B-66A-66A	5	10M	836.5	20525	QPSK	1	0	5	5	881.2	2522	66	20	2155	66886	66	5	2197.5	67311	23.07	23.11
		CA_5B-66C	5	10M	836.5	20525	QPSK	1	0	5	5	881.2	2522	66	20	2155	66886	66	20	2174.8	67084	23.01	23.11
		CA_7A-7A-66A-66A	7	20M	2535	21100	QPSK	1	0	7	20	2674.8	3298	66	20	2155	66886	66	5	2197.5	67311	22.94	23.13
		CA_7C-13A-66A	7	20M	2535	21100	QPSK	1	0	7	20	2674.8	3298	13	10	751	5230	66	5	2197.5	67311	23.10	23.13
		CA_7C-66A-66A	7	20M	2535	21100	QPSK	1	0	7	20	2674.8	3298	66	2	2155	66886	66	5	2197.5	67311	23.09	23.13
Intra-Band	Non-Contiguous	CA_5B-66B	5	10M	836.5	20525	QPSK	1	0	5	5	881.2	2522	66	10	2150.1	66837	66	10	2160	66936	22.89	23.11
	Contiguous	CA_48E	48	20M	3560	55340	QPSK	1	0	48	20	3628.8	56028	48	20	3648.6	56226	48	20	3668.4	56424	22.23	22.25

Full Power Mode for 5GNR

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.14	23.19	23.11	24.0	0.0
20	PI/2 BPSK	1	53	23.09	23.15	23.02		
20	PI/2 BPSK	1	104	23.05	23.17	23.14		
20	PI/2 BPSK	50	0	22.45	22.60	22.54	23.5	0.5
20	PI/2 BPSK	50	28	23.14	23.16	23.05	24.0	0.0
20	PI/2 BPSK	50	56	22.49	22.64	22.56	23.5	0.5
20	PI/2 BPSK	100	0	22.56	22.69	22.68		
20	QPSK	1	1	22.98	23.31	23.10	24.0	0.0
20	QPSK	1	53	23.06	23.09	22.95		
20	QPSK	1	104	23.07	23.12	23.08		
20	QPSK	50	0	22.08	22.21	22.17	23.0	1.0
20	QPSK	50	28	23.09	23.17	23.10	24.0	0.0
20	QPSK	50	56	22.10	22.13	22.09	23.0	1.0
20	QPSK	100	0	22.03	22.16	22.02		
20	16QAM	1	1	22.15	22.27	22.23	23.0	1.0
20	64QAM	1	1	20.45	20.57	20.42	21.5	2.5
20	256QAM	1	1	18.57	18.62	18.55	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
15	QPSK	1	1	23.07	23.17	23.03	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.22	23.28	23.17	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.24	23.30	23.27	24.0	0.0

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.27	23.17	23.16	24.0	0.0
20	PI/2 BPSK	1	53	23.16	23.31	23.30		
20	PI/2 BPSK	1	104	23.18	23.28	23.21		
20	PI/2 BPSK	50	0	23.07	23.22	23.10	23.5	0.5
20	PI/2 BPSK	50	28	23.21	23.26	23.12	24.0	0.0
20	PI/2 BPSK	50	56	23.21	23.24	23.18	23.5	0.5
20	PI/2 BPSK	100	0	23.15	23.17	23.13		
20	QPSK	1	1	23.15	23.39	23.17	24.0	0.0
20	QPSK	1	53	23.12	23.27	23.13		
20	QPSK	1	104	23.14	23.25	23.22		
20	QPSK	50	0	22.29	22.37	22.33	23.0	1.0
20	QPSK	50	28	23.17	23.29	23.23	24.0	0.0
20	QPSK	50	56	22.31	22.38	22.34	23.0	1.0
20	QPSK	100	0	22.26	22.34	22.22		
20	16QAM	1	1	22.35	22.40	22.27	23.0	1.0
20	64QAM	1	1	20.69	20.83	20.75	21.5	2.5
20	256QAM	1	1	18.70	18.76	18.74	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
15	QPSK	1	1	23.30	23.35	23.23	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.29	23.24	23.22	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.18	23.23	23.13	24.0	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166850	167300	167850		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.12	23.09	23.18	24.0	0.0
20	PI/2 BPSK	1	53	22.99	23.06	22.99		
20	PI/2 BPSK	1	104	22.92	23.01	22.96		
20	PI/2 BPSK	50	0	22.45	22.58	22.55	23.5	0.5
20	PI/2 BPSK	50	28	22.97	23.04	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.30	22.45	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.56	22.47		
20	QPSK	1	1	22.85	23.20	22.91	24.0	0.0
20	QPSK	1	53	22.96	23.02	23.00		
20	QPSK	1	104	22.95	22.96	22.94		
20	QPSK	50	0	21.97	22.10	22.07	23.0	1.0
20	QPSK	50	28	22.90	22.97	22.94	24.0	0.0
20	QPSK	50	56	21.80	21.91	21.79	23.0	1.0
20	QPSK	100	0	21.87	22.00	21.88		
20	16QAM	1	1	22.09	22.13	22.06	23.0	1.0
20	64QAM	1	1	20.54	20.57	20.50	21.5	2.5
20	256QAM	1	1	18.65	18.72	18.66	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.13	23.11	24.0	0.0
Channel				165850	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.91	23.04	23.00	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.17	22.93	24.0	0.0

n5_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166850	167300	167850		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.14	23.15	23.22	24.0	0.0
20	PI/2 BPSK	1	53	23.05	23.10	22.96		
20	PI/2 BPSK	1	104	23.02	23.06	22.92		
20	PI/2 BPSK	50	0	23.09	23.11	23.10	23.5	0.5
20	PI/2 BPSK	50	28	22.97	23.00	22.94	24.0	0.0
20	PI/2 BPSK	50	56	22.80	22.93	22.86	23.5	0.5
20	PI/2 BPSK	100	0	22.93	23.05	23.03		
20	QPSK	1	1	23.00	23.28	23.02	24.0	0.0
20	QPSK	1	53	23.01	23.05	23.03		
20	QPSK	1	104	22.92	22.97	22.88		
20	QPSK	50	0	22.01	22.06	22.05	23.0	1.0
20	QPSK	50	28	22.93	22.98	22.85	24.0	0.0
20	QPSK	50	56	21.83	21.89	21.80	23.0	1.0
20	QPSK	100	0	21.84	21.97	21.87		
20	16QAM	1	1	21.88	21.94	21.92	23.0	1.0
20	64QAM	1	1	20.53	20.67	20.53	21.5	2.5
20	256QAM	1	1	18.69	18.75	18.61	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.20	23.09	24.0	0.0
Channel				165850	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.12	23.19	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.10	23.16	23.07	24.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.03	23.05	22.95	24.0	0.0
40	PI/2 BPSK	1	108	22.96	22.98	22.92		
40	PI/2 BPSK	1	214	23.04	23.01	23.04		
40	PI/2 BPSK	108	0	22.50	22.72	22.50	23.5	0.5
40	PI/2 BPSK	108	54	22.60	22.61	22.71	24.0	0.0
40	PI/2 BPSK	108	108	22.36	22.40	22.31	23.5	0.5
40	PI/2 BPSK	216	0	22.41	22.46	22.43		
40	QPSK	1	1	23.06	23.07	23.01	24.0	0.0
40	QPSK	1	108	22.86	22.93	22.79		
40	QPSK	1	214	22.82	22.93	22.81		
40	QPSK	108	0	21.86	21.89	21.86	23.0	1.0
40	QPSK	108	54	22.88	22.96	22.89	24.0	0.0
40	QPSK	108	108	21.77	21.91	21.90	23.0	1.0
40	QPSK	216	0	21.88	21.94	21.81		
40	16QAM	1	1	21.92	22.00	21.96	23.0	1.0
40	64QAM	1	1	20.31	20.42	20.40	21.5	2.5
40	256QAM	1	1	18.49	18.55	18.41	19.5	4.5
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2565		
30	QPSK	1	1	22.89	22.96	22.83	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.92	23.05	22.83	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.85	22.90	22.87	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.84	22.82	22.82	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.85	22.97	22.91	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.94	22.94	22.92	24.0	0.0

n7_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.92	23.01	22.90	24.0	0.0
40	PI/2 BPSK	1	108	22.89	22.97	22.90		
40	PI/2 BPSK	1	214	22.87	22.97	22.90		
40	PI/2 BPSK	108	0	22.82	22.89	22.76	23.5	0.5
40	PI/2 BPSK	108	54	23.01	22.91	23.01	24.0	0.0
40	PI/2 BPSK	108	108	21.90	22.01	21.85	23.5	0.5
40	PI/2 BPSK	216	0	21.80	22.00	21.90		
40	QPSK	1	1	23.15	23.21	23.06	24.0	0.0
40	QPSK	1	108	23.13	23.12	22.98		
40	QPSK	1	214	23.03	23.18	22.93		
40	QPSK	108	0	21.91	22.00	21.98	23.0	1.0
40	QPSK	108	54	23.08	23.15	23.03	24.0	0.0
40	QPSK	108	108	22.00	22.04	21.94	23.0	1.0
40	QPSK	216	0	22.01	22.05	21.92		
40	16QAM	1	1	21.89	22.01	21.96	23.0	1.0
40	64QAM	1	1	20.54	20.63	20.52	21.5	2.5
40	256QAM	1	1	18.54	18.56	18.52	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.07	23.12	23.00	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.07	23.18	22.98	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.08	23.15	23.00	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.09	23.13	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.12	23.14	23.03	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.11	23.18	23.00	24.0	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.11	23.09	23.02	24.0	0.0
15	PI/2 BPSK	1	40	22.85	22.94	22.91		
15	PI/2 BPSK	1	77	22.82	22.83	22.70		
15	PI/2 BPSK	36	0	22.28	22.39	22.26	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.76	22.70	24.0	0.0
15	PI/2 BPSK	36	43	22.22	22.26	22.16	23.5	0.5
15	PI/2 BPSK	75	0	22.33	22.35	22.27		
15	QPSK	1	1	22.92	23.12	22.93	24.0	0.0
15	QPSK	1	40	22.78	22.80	22.76		
15	QPSK	1	77	22.56	22.67	22.62		
15	QPSK	36	0	21.75	21.90	21.88	23.0	1.0
15	QPSK	36	22	22.74	22.81	22.80	24.0	0.0
15	QPSK	36	43	21.74	21.75	21.68	23.0	1.0
15	QPSK	75	0	21.74	21.84	21.79		
15	16QAM	1	1	21.96	22.11	22.08	23.0	1.0
15	64QAM	1	1	20.60	20.66	20.61	21.5	2.5
15	256QAM	1	1	18.66	18.67	18.58	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.95	23.00	22.88	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.93	23.05	22.96	24.0	0.0

n12_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.06	23.11	23.05	24.0	0.0
15	PI/2 BPSK	1	40	22.88	22.96	22.88		
15	PI/2 BPSK	1	77	22.83	22.96	22.83		
15	PI/2 BPSK	36	0	22.67	22.92	22.76	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.71	22.60	24.0	0.0
15	PI/2 BPSK	36	43	22.64	22.71	22.66	23.5	0.5
15	PI/2 BPSK	75	0	22.62	22.76	22.61		
15	QPSK	1	1	23.07	23.13	23.04	24.0	0.0
15	QPSK	1	40	22.77	22.87	22.77		
15	QPSK	1	77	22.70	22.72	22.61		
15	QPSK	36	0	22.01	22.09	21.98	23.0	1.0
15	QPSK	36	22	22.78	22.81	22.67	24.0	0.0
15	QPSK	36	43	21.79	21.94	21.82	23.0	1.0
15	QPSK	75	0	21.86	22.01	21.88		
15	16QAM	1	1	22.31	22.41	22.38	23.0	1.0
15	64QAM	1	1	20.55	20.50	20.32	21.5	2.5
15	256QAM	1	1	18.79	18.82	18.66	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.01	23.01	23.02	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.04	23.12	23.06	24.0	0.0

n14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158000			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.29		24.0	0.0
10	PI/2 BPSK	1	25		23.24			
10	PI/2 BPSK	1	50		23.26			
10	PI/2 BPSK	25	0		22.79		23.5	0.5
10	PI/2 BPSK	25	14		23.26		24.0	0.0
10	PI/2 BPSK	25	27		22.77		23.5	0.5
10	PI/2 BPSK	50	0		22.79			
10	QPSK	1	1		23.31		24.0	0.0
10	QPSK	1	25		23.29			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.19		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.22		23.0	1.0
10	QPSK	50	0		22.27			
10	16QAM	1	1		22.36		23.0	1.0
10	64QAM	1	1		20.95		21.5	2.5
10	256QAM	1	1		18.69		19.5	4.5
Channel				158100	158000	157900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				795.5	793	790.5		
5	QPSK	1	1	23.27	23.24	23.27	24.0	0.0

n14_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158000			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.10		24.0	0.0
10	PI/2 BPSK	1	25		23.15			
10	PI/2 BPSK	1	50		23.14			
10	PI/2 BPSK	25	0		22.74		23.5	0.5
10	PI/2 BPSK	25	14		23.09		24.0	0.0
10	PI/2 BPSK	25	27		22.61		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.17		24.0	0.0
10	QPSK	1	25		23.11			
10	QPSK	1	50		23.07			
10	QPSK	25	0		22.23		23.0	1.0
10	QPSK	25	14		23.12		24.0	0.0
10	QPSK	25	27		22.16		23.0	1.0
10	QPSK	50	0		22.18			
10	16QAM	1	1		22.21		23.0	1.0
10	64QAM	1	1		20.64		21.5	2.5
10	256QAM	1	1		18.65		19.5	4.5
Channel				158100	158000	157900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				795.5	793	790.5		
5	QPSK	1	1	23.11	23.16	23.10	24.0	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.20	23.22	23.12	24.0	0.0
40	PI/2 BPSK	1	108	23.24	23.27	23.14		
40	PI/2 BPSK	1	214	23.27	23.30	23.15		
40	PI/2 BPSK	108	0	22.64	22.72	22.69	23.5	0.5
40	PI/2 BPSK	108	54	23.10	23.23	23.16	24.0	0.0
40	PI/2 BPSK	108	108	22.50	22.64	22.61	23.5	0.5
40	PI/2 BPSK	216	0	22.64	22.68	22.57		
40	QPSK	1	1	23.35	23.39	23.23	24.0	0.0
40	QPSK	1	108	23.11	23.21	23.11		
40	QPSK	1	214	23.21	23.35	23.26		
40	QPSK	108	0	22.13	22.20	22.09	23.0	1.0
40	QPSK	108	54	23.14	23.27	23.21	24.0	0.0
40	QPSK	108	108	22.03	22.14	22.05	23.0	1.0
40	QPSK	216	0	22.13	22.18	22.15		
40	16QAM	1	1	22.23	22.35	22.34	23.0	1.0
40	64QAM	1	1	20.71	20.81	20.72	21.5	2.5
40	256QAM	1	1	18.10	18.12	19.04	19.5	4.5
Channel				373500	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.24	23.30	23.15	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.20	23.33	23.22	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.17	23.32	23.24	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.22	23.27	23.19	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.28	23.38	23.26	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.17	23.34	23.27	24.0	0.0

n25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.06	23.11	23.06	24.0	0.0
40	PI/2 BPSK	1	108	23.05	23.08	23.04		
40	PI/2 BPSK	1	214	22.92	23.05	22.93		
40	PI/2 BPSK	108	0	23.06	23.18	23.13	23.5	0.5
40	PI/2 BPSK	108	54	23.04	23.09	23.08	24.0	0.0
40	PI/2 BPSK	108	108	23.12	23.11	23.16	23.5	0.5
40	PI/2 BPSK	216	0	23.07	23.21	23.06		
40	QPSK	1	1	23.33	23.43	23.40	24.0	0.0
40	QPSK	1	108	23.21	23.33	23.26		
40	QPSK	1	214	23.15	23.18	23.09		
40	QPSK	108	0	22.84	22.87	22.76	23.0	1.0
40	QPSK	108	54	23.16	23.22	23.08	24.0	0.0
40	QPSK	108	108	22.06	22.14	21.99	23.0	1.0
40	QPSK	216	0	22.13	22.20	22.13		
40	16QAM	1	1	22.07	22.14	22.07	23.0	1.0
40	64QAM	1	1	21.31	21.41	21.32	21.5	2.5
40	256QAM	1	1	19.49	19.48	19.47	19.5	4.5
Channel				373500	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.97	23.03	23.02	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.01	23.09	22.94	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.16	23.21	22.98	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.11	23.19	23.10	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.15	23.20	23.20	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.16	23.26	23.15	24.0	0.0

n26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.15	23.13	23.11	24.0	0.0
20	PI/2 BPSK	1	53	22.97	23.02	22.91		
20	PI/2 BPSK	1	104	22.90	23.00	22.88		
20	PI/2 BPSK	50	0	22.61	22.63	22.62	23.5	0.5
20	PI/2 BPSK	50	28	23.00	23.05	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.39	22.45	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.46	22.53	22.42		
20	QPSK	1	1	23.17	23.23	23.17	24.0	0.0
20	QPSK	1	53	23.10	23.21	23.18		
20	QPSK	1	104	23.05	23.17	23.08		
20	QPSK	50	0	21.99	22.11	22.07	23.0	1.0
20	QPSK	50	28	22.94	23.03	23.05	24.0	0.0
20	QPSK	50	56	21.91	22.00	21.88	23.0	1.0
20	QPSK	100	0	21.95	22.04	21.97		
20	16QAM	1	1	21.99	22.08	22.07	23.0	1.0
20	64QAM	1	1	20.55	20.63	20.59	21.5	2.5
20	256QAM	1	1	18.77	18.85	18.77	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.07	23.14	23.05	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.08	23.05	23.13	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.10	23.13	23.02	24.0	0.0

n26_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.96	23.02	22.93	24.0	0.0
20	PI/2 BPSK	1	53	22.93	23.01	22.98		
20	PI/2 BPSK	1	104	22.95	22.97	22.95		
20	PI/2 BPSK	50	0	22.61	22.55	22.48	23.5	0.5
20	PI/2 BPSK	50	28	22.98	23.04	22.92	24.0	0.0
20	PI/2 BPSK	50	56	22.94	23.01	22.99	23.5	0.5
20	PI/2 BPSK	100	0	22.44	22.64	22.51		
20	QPSK	1	1	23.16	23.34	23.13	24.0	0.0
20	QPSK	1	53	23.11	23.14	23.08		
20	QPSK	1	104	22.94	23.05	22.95		
20	QPSK	50	0	22.21	22.22	22.18	23.0	1.0
20	QPSK	50	28	23.11	23.15	23.14	24.0	0.0
20	QPSK	50	56	22.99	22.07	22.93	23.0	1.0
20	QPSK	100	0	21.94	22.15	22.12		
20	16QAM	1	1	21.98	22.23	22.25	23.0	1.0
20	64QAM	1	1	20.48	20.55	20.59	21.5	2.5
20	256QAM	1	1	19.05	19.00	19.08	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.91	22.94	23.00	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.90	22.98	23.01	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.99	22.91	22.91	24.0	0.0

n30_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.34		24.0	0.0
10	PI/2 BPSK	1	26		23.32			
10	PI/2 BPSK	1	50		23.22			
10	PI/2 BPSK	25	0		22.83		23.5	0.5
10	PI/2 BPSK	25	14		23.30		24.0	0.0
10	PI/2 BPSK	25	27		22.75		23.5	0.5
10	PI/2 BPSK	50	0		22.82			
10	QPSK	1	1		23.39		24.0	0.0
10	QPSK	1	26		23.31			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.29		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.15		23.0	1.0
10	QPSK	50	0		22.26			
10	16QAM	1	1		22.39		23.0	1.0
10	64QAM	1	1		20.85		21.5	2.5
10	256QAM	1	1		18.85		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.30	23.35	23.33	24.0	0.0

n30_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.91		24.0	0.0
10	PI/2 BPSK	1	26		22.72			
10	PI/2 BPSK	1	50		22.63			
10	PI/2 BPSK	25	0		21.01		23.5	0.5
10	PI/2 BPSK	25	14		22.75		24.0	0.0
10	PI/2 BPSK	25	27		22.21		23.5	0.5
10	PI/2 BPSK	50	0		22.23			
10	QPSK	1	1		22.94		24.0	0.0
10	QPSK	1	26		22.82			
10	QPSK	1	50		22.84			
10	QPSK	25	0		21.06		23.0	1.0
10	QPSK	25	14		22.86		24.0	0.0
10	QPSK	25	27		21.90		23.0	1.0
10	QPSK	50	0		21.93			
10	16QAM	1	1		21.85		23.0	1.0
10	64QAM	1	1		20.40		21.5	2.5
10	256QAM	1	1		18.43		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.85	22.93	22.85	24.0	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349500	349000	352000		
Frequency (MHz)				1752	1745	1760		
40	PI/2 BPSK	1	1	23.34	23.30	23.32	24.0	0.0
40	PI/2 BPSK	1	108	23.24	23.35	23.35		
40	PI/2 BPSK	1	214	23.35	23.37	23.29		
40	PI/2 BPSK	108	0	22.77	22.80	22.72	23.5	0.5
40	PI/2 BPSK	108	54	23.15	23.27	23.16	24.0	0.0
40	PI/2 BPSK	108	108	22.87	22.93	22.87	23.5	0.5
40	PI/2 BPSK	216	0	22.74	22.85	22.79		
40	QPSK	1	1	23.28	23.39	23.26	24.0	0.0
40	QPSK	1	108	23.17	23.29	23.18		
40	QPSK	1	214	23.31	23.38	23.33		
40	QPSK	108	0	22.36	22.37	22.28	23.0	1.0
40	QPSK	108	54	23.32	23.34	23.23	24.0	0.0
40	QPSK	108	108	22.28	22.32	22.31	23.0	1.0
40	QPSK	216	0	22.21	22.28	22.16		
40	16QAM	1	1	22.28	22.32	22.23	23.0	1.0
40	64QAM	1	1	20.93	21.00	20.96	21.5	2.5
40	256QAM	1	1	18.95	19.00	18.91	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.28	23.34	23.26	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.24	23.34	23.25	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.27	23.38	23.33	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.27	23.32	23.25	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.22	23.31	23.26	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1750	1745	1760		
40	PI/2 BPSK	1	1	23.05	23.12	23.03	24.0	0.0
40	PI/2 BPSK	1	108	23.05	23.08	23.02		
40	PI/2 BPSK	1	214	22.97	22.98	22.93		
40	PI/2 BPSK	108	0	22.45	22.64	22.54	23.5	0.5
40	PI/2 BPSK	108	54	22.88	22.96	22.85	24.0	0.0
40	PI/2 BPSK	108	108	22.38	22.32	22.30	23.5	0.5
40	PI/2 BPSK	216	0	22.34	22.41	22.38		
40	QPSK	1	1	23.14	23.24	23.12	24.0	0.0
40	QPSK	1	108	23.04	23.13	23.06		
40	QPSK	1	214	22.88	23.07	22.99		
40	QPSK	108	0	21.93	21.99	21.95	23.0	1.0
40	QPSK	108	54	22.88	22.95	22.89	24.0	0.0
40	QPSK	108	108	21.84	21.98	21.86	23.0	1.0
40	QPSK	216	0	21.98	21.99	21.85		
40	16QAM	1	1	21.87	21.94	21.82	23.0	1.0
40	64QAM	1	1	20.34	20.32	20.35	21.5	2.5
40	256QAM	1	1	18.64	18.48	18.51	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.96	23.07	23.02	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.04	23.06	23.01	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.02	23.01	23.05	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.11	23.17	23.00	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.09	23.12	23.08	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.34		24.0	0.0
15	PI/2 BPSK	1	40		23.35			
15	PI/2 BPSK	1	77		23.36			
15	PI/2 BPSK	36	0		22.84		23.5	0.5
15	PI/2 BPSK	36	22		23.32		24.0	0.0
15	PI/2 BPSK	36	43		22.81		23.5	0.5
15	PI/2 BPSK	75	0		22.80			
15	QPSK	1	1		23.36		24.0	0.0
15	QPSK	1	40		23.26			
15	QPSK	1	77		23.25			
15	QPSK	36	0		22.28		23.0	1.0
15	QPSK	36	22		23.27		24.0	0.0
15	QPSK	36	43		22.22		23.0	1.0
15	QPSK	75	0		22.24			
15	16QAM	1	1		22.30		23.0	1.0
15	64QAM	1	1		20.79		21.5	2.5
15	256QAM	1	1		18.82		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.36	23.34	23.33	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.27	23.36	23.25	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.21		24.0	0.0
15	PI/2 BPSK	1	40		23.22			
15	PI/2 BPSK	1	77		23.25			
15	PI/2 BPSK	36	0		22.78		23.5	0.5
15	PI/2 BPSK	36	22		23.17		24.0	0.0
15	PI/2 BPSK	36	43		22.72		23.5	0.5
15	PI/2 BPSK	75	0		22.69			
15	QPSK	1	1		23.30		24.0	0.0
15	QPSK	1	40		23.28			
15	QPSK	1	77		23.21			
15	QPSK	36	0		22.62		23.0	1.0
15	QPSK	36	22		23.23		24.0	0.0
15	QPSK	36	43		22.24		23.0	1.0
15	QPSK	75	0		22.23			
15	16QAM	1	1		22.40		23.0	1.0
15	64QAM	1	1		20.70		21.5	2.5
15	256QAM	1	1		18.99		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.26	23.21	23.28	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.26	23.21	23.28	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134000	136100	137000		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.14	23.09	23.00	24.0	0.0
20	PI/2 BPSK	1	53	22.87	22.98	22.88		
20	PI/2 BPSK	1	104	22.87	22.98	22.93		
20	PI/2 BPSK	50	0	22.56	22.60	22.53	23.5	0.5
20	PI/2 BPSK	50	28	22.93	22.96	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.35	22.41	22.38	23.5	0.5
20	PI/2 BPSK	100	0	22.38	22.49	22.48		
20	QPSK	1	1	23.18	23.20	23.14	24.0	0.0
20	QPSK	1	53	22.87	22.89	22.80		
20	QPSK	1	104	22.82	22.92	22.89		
20	QPSK	50	0	21.93	22.04	21.95	23.0	1.0
20	QPSK	50	28	22.95	22.99	22.93	24.0	0.0
20	QPSK	50	56	21.89	21.90	21.82	23.0	1.0
20	QPSK	100	0	21.87	21.97	21.96		
20	16QAM	1	1	21.95	22.07	21.96	23.0	1.0
20	64QAM	1	1	20.62	20.67	20.65	21.5	2.5
20	256QAM	1	1	18.77	18.86	18.84	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.91	23.03	22.99	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.10	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.08	23.15	23.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134500	136100	137500		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.11	23.09	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.81	22.90	22.81		
20	PI/2 BPSK	1	104	22.73	22.81	22.73		
20	PI/2 BPSK	50	0	22.51	22.48	22.45	23.5	0.5
20	PI/2 BPSK	50	28	22.90	22.94	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.55	22.61	22.44	23.5	0.5
20	PI/2 BPSK	100	0	22.58	22.47	22.45		
20	QPSK	1	1	23.00	23.12	22.98	24.0	0.0
20	QPSK	1	53	22.87	22.96	22.87		
20	QPSK	1	104	22.83	22.85	22.73		
20	QPSK	50	0	22.08	22.11	22.09	23.0	1.0
20	QPSK	50	28	22.87	22.95	22.91	24.0	0.0
20	QPSK	50	56	21.95	22.03	22.02	23.0	1.0
20	QPSK	100	0	22.10	22.20	22.14		
20	16QAM	1	1	22.00	22.02	22.05	23.0	1.0
20	64QAM	1	1	20.54	20.48	20.50	21.5	2.5
20	256QAM	1	1	18.63	18.63	18.65	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.85	22.95	22.89	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.11	23.00	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.99	23.06	23.03	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.88	22.72	22.68		
100	PI/2 BPSK	1	137	22.63	22.95	22.69	24.0	0.0
100	PI/2 BPSK	1	271	22.74	22.74	22.67		
100	PI/2 BPSK	135	0	22.58	22.67	22.56	23.5	0.5
100	PI/2 BPSK	135	69	22.67	22.69	22.66	24.0	0.0
100	PI/2 BPSK	135	138	22.57	22.71	22.62	23.5	0.5
100	PI/2 BPSK	270	0	22.63	22.65	22.52		
100	QPSK	1	1	22.81	22.79	22.67		
100	QPSK	1	137	22.87	23.01	22.97	24.0	0.0
100	QPSK	1	271	22.80	22.85	22.87		
100	QPSK	135	0	22.66	22.68	22.61		
100	QPSK	135	69	22.68	22.72	22.68	24.0	0.0
100	QPSK	135	138	22.62	22.63	22.51		
100	QPSK	270	0	21.54	21.72	21.59	23.0	1.0
100	16QAM	1	1	21.57	21.85	21.71	23.0	1.0
100	64QAM	1	1	20.83	20.76	20.74	21.5	2.5
100	256QAM	1	1	18.78	18.64	18.60	19.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.74	22.83	22.73	24.0	0.0
Channel				507264	518598	529932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.79	22.73	22.79	24.0	0.0
Channel				505328	518598	531868	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.82	22.78	22.76	24.0	0.0
Channel				504224	518598	532972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.80	22.78	22.81	24.0	0.0
Channel				503192	518598	534004	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.01	2592.99	2670		
40	QPSK	1	1	22.75	22.83	22.73	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.77	22.73	22.81	24.0	0.0
Channel				501224	518598	535972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.80	22.73	22.82	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.84	25.83	25.78		
100	PI/2 BPSK	1	137	25.84	25.89	25.86	27.0	0.0
100	PI/2 BPSK	1	271	25.96	25.96	25.99		
100	PI/2 BPSK	135	0	25.76	25.87	25.73	26.5	0.5
100	PI/2 BPSK	135	69	25.79	25.86	25.74	27.0	0.0
100	PI/2 BPSK	135	138	25.77	25.89	25.82	26.5	0.5
100	PI/2 BPSK	270	0	25.63	25.74	25.63		
100	QPSK	1	1	25.82	25.88	25.59		
100	QPSK	1	137	25.87	26.01	25.85	27.0	0.0
100	QPSK	1	271	25.82	25.86	25.74		
100	QPSK	135	0	25.35	25.35	25.31		
100	QPSK	135	69	25.66	25.61	25.56	27.0	0.0
100	QPSK	135	138	25.46	25.48	25.45		
100	QPSK	270	0	24.61	24.65	24.62	26.0	1.0
100	16QAM	1	1	24.77	24.82	24.72	26.0	1.0
100	64QAM	1	1	23.45	23.41	23.30	24.5	2.5
100	256QAM	1	1	21.32	21.21	21.09	22.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.75	25.79	25.81	27.0	0.0
Channel				507264	518598	529932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.76	25.81	25.75	27.0	0.0
Channel				505328	518598	531868	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.76	25.79	25.81	27.0	0.0
Channel				504224	518598	532972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.80	25.82	25.75	27.0	0.0
Channel				503192	518598	534004	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.01	2592.99	2670		
40	QPSK	1	1	25.78	25.80	25.75	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.74	25.72	25.72	27.0	0.0
Channel				501224	518598	535972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.78	25.82	25.75	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.77	21.78	21.69	23.0	0.0
100	PI/2 BPSK	1	137	21.78	21.88	21.73		
100	PI/2 BPSK	1	271	21.82	21.87	21.76		
100	PI/2 BPSK	135	0	21.56	21.66	21.57	22.5	0.5
100	PI/2 BPSK	135	69	21.59	21.64	21.53	23.0	0.0
100	PI/2 BPSK	135	138	21.69	21.74	21.68	22.5	0.5
100	PI/2 BPSK	270	0	21.55	21.62	21.58		
100	QPSK	1	1	21.81	21.68	21.64	23.0	0.0
100	QPSK	1	137	21.87	21.91	21.86		
100	QPSK	1	271	21.78	21.87	21.81		
100	QPSK	135	0	21.55	21.62	21.52	23.0	0.0
100	QPSK	135	69	21.60	21.70	21.60		
100	QPSK	135	138	21.52	21.64	21.53		
100	QPSK	270	0	20.55	20.69	20.68	22.0	1.0
100	16QAM	1	1	20.69	20.82	20.80	22.0	1.0
100	64QAM	1	1	19.28	19.35	19.28	20.5	2.5
100	256QAM	1	1	17.33	17.37	17.23	18.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.64	21.72	21.67	23.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.68	21.66	21.62	23.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.63	21.72	21.62	23.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.71	21.63	21.69	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.66	21.63	21.65	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.63	21.72	21.62	23.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.71	21.70	21.68	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.32	24.75	24.72	26.0	0.0
100	PI/2 BPSK	1	137	24.44	24.56	24.47		
100	PI/2 BPSK	1	271	24.79	24.88	24.86		
100	PI/2 BPSK	135	0	24.26	24.36	24.33	25.5	0.5
100	PI/2 BPSK	135	69	24.33	24.44	24.39	26.0	0.0
100	PI/2 BPSK	135	138	24.31	24.38	24.23	25.5	0.5
100	PI/2 BPSK	270	0	24.00	24.15	24.12		
100	QPSK	1	1	24.27	24.26	24.23	26.0	0.0
100	QPSK	1	137	24.61	24.90	24.77		
100	QPSK	1	271	24.51	24.65	24.62		
100	QPSK	135	0	24.08	24.09	24.00	26.0	0.0
100	QPSK	135	69	24.07	24.29	24.07		
100	QPSK	135	138	23.32	23.42	23.29		
100	QPSK	270	0	23.41	23.45	23.39	25.0	1.0
100	16QAM	1	1	23.78	24.13	24.07	25.0	1.0
100	64QAM	1	1	22.51	22.62	22.49	23.5	2.5
100	256QAM	1	1	19.89	20.12	20.08	21.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.80	24.75	24.77	26.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.74	24.79	24.79	26.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.77	24.74	24.79	26.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.70	24.78	24.72	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.80	24.78	24.79	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.80	24.72	24.74	26.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.76	24.80	24.71	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.78	16.85	17.38	18.5	0.0
100	PI/2 BPSK	1	137	17.23	17.25	18.01		
100	PI/2 BPSK	1	271	17.40	17.61	17.95		
100	PI/2 BPSK	135	0	17.00	17.06	17.77	18.0	0.5
100	PI/2 BPSK	135	69	17.11	17.22	17.82	18.5	0.0
100	PI/2 BPSK	135	138	17.36	17.41	17.98	18.0	0.5
100	PI/2 BPSK	270	0	16.58	16.70	17.14		
100	QPSK	1	1	16.89	17.27	17.88	18.5	0.0
100	QPSK	1	137	17.52	17.63	18.05		
100	QPSK	1	271	16.53	16.87	17.35		
100	QPSK	135	0	17.00	17.08	17.56	18.5	0.0
100	QPSK	135	69	17.21	17.43	17.94		
100	QPSK	135	138	17.04	17.24	17.78		
100	QPSK	270	0	16.33	16.70	16.95	17.5	1.0
100	16QAM	1	1	16.51	16.72	16.98	17.5	1.0
100	64QAM	1	1	14.20	14.21	14.66	16.0	2.5
100	256QAM	1	1	12.37	12.44	12.98	14.0	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.87	17.28	17.73	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	16.66	17.35	17.44	18.5	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2592.99	2659.98		
60	QPSK	1	1	16.65	17.22	17.52	18.5	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	16.82	17.18	17.76	18.5	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	16.77	17.21	17.68	18.5	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.74	17.33	17.70	18.5	0.0
Channel				514204	518598	539992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.78	17.24	17.74	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.56	19.92	20.21	21.5	0.0
100	PI/2 BPSK	1	137	19.88	20.38	20.55		
100	PI/2 BPSK	1	271	20.01	20.65	20.76		
100	PI/2 BPSK	135	0	18.78	19.21	19.43	21.0	0.5
100	PI/2 BPSK	135	69	19.95	20.36	20.71	21.5	0.0
100	PI/2 BPSK	135	138	19.03	19.54	20.08	21.0	0.5
100	PI/2 BPSK	270	0	19.11	19.38	19.99		
100	QPSK	1	1	19.24	19.97	20.38	21.5	0.0
100	QPSK	1	137	20.36	20.79	20.94		
100	QPSK	1	271	20.02	20.43	20.59		
100	QPSK	135	0	18.78	19.26	19.51	21.5	0.0
100	QPSK	135	69	20.00	20.41	20.76		
100	QPSK	135	138	19.37	19.59	20.19		
100	QPSK	270	0	19.15	19.43	20.01	20.5	1.0
100	16QAM	1	1	18.63	19.00	19.53	20.5	1.0
100	64QAM	1	1	17.21	17.47	18.01	19.0	2.5
100	256QAM	1	1	15.14	15.47	15.92	17.0	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.93	20.01	20.12	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	19.56	19.88	20.08	21.5	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2592.99	2659.98		
60	QPSK	1	1	19.77	19.98	20.12	21.5	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	19.82	19.97	20.05	21.5	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	19.80	20.11	20.04	21.5	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.64	20.06	19.98	21.5	0.0
Channel				514204	518598	539992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.71	19.95	19.95	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.85	20.88	20.78	22.0	0.0
100	PI/2 BPSK	1	137	20.82	20.97	20.85		
100	PI/2 BPSK	1	271	20.97	21.01	21.05		
100	PI/2 BPSK	135	0	20.83	20.94	20.76	21.5	0.5
100	PI/2 BPSK	135	69	20.76	20.82	20.78	22.0	0.0
100	PI/2 BPSK	135	138	20.84	20.88	20.80	21.5	0.5
100	PI/2 BPSK	270	0	20.70	20.78	20.65		
100	QPSK	1	1	20.78	20.83	20.69	22.0	0.0
100	QPSK	1	137	21.05	21.09	20.93		
100	QPSK	1	271	21.00	21.01	20.86		
100	QPSK	135	0	20.81	20.82	20.73	22.0	0.0
100	QPSK	135	69	20.83	20.88	20.80		
100	QPSK	135	138	20.77	20.87	20.74		
100	QPSK	270	0	19.68	19.71	19.64	21.0	1.0
100	16QAM	1	1	19.83	19.99	19.88	21.0	1.0
100	64QAM	1	1	18.13	18.49	18.46	19.5	2.5
100	256QAM	1	1	16.10	16.25	16.12	17.5	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	20.94	20.89	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2556.02	2592.99	2649.99		
80	QPSK	1	1	20.84	20.91	20.95	22.0	0.0
Channel				508200	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2566	2592.99	2655.98		
60	QPSK	1	1	20.88	20.89	20.94	22.0	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	20.82	20.90	20.92	22.0	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	20.87	20.90	20.97	22.0	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.89	20.90	20.91	22.0	0.0
Channel				514204	518598	539998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.86	20.93	20.92	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.09	24.20	24.10	25.0	0.0
100	PI/2 BPSK	1	137	24.20	24.20	24.11		
100	PI/2 BPSK	1	271	24.24	24.16	24.04		
100	PI/2 BPSK	135	0	23.72	23.73	23.92	24.5	0.5
100	PI/2 BPSK	135	69	24.10	24.22	23.40	25.0	0.0
100	PI/2 BPSK	135	138	23.45	23.68	23.67	24.5	0.5
100	PI/2 BPSK	270	0	23.74	23.73	22.93		
100	QPSK	1	1	23.93	24.18	24.08	25.0	0.0
100	QPSK	1	137	24.07	24.25	24.05		
100	QPSK	1	271	24.16	23.98	23.95		
100	QPSK	135	0	23.77	23.83	23.73	25.0	0.0
100	QPSK	135	69	23.98	24.23	23.63		
100	QPSK	135	138	23.74	23.77	23.75		
100	QPSK	270	0	23.29	23.35	23.34	24.0	1.0
100	16QAM	1	1	23.14	23.20	23.21	24.0	1.0
100	64QAM	1	1	21.66	21.72	21.73	22.5	2.5
100	256QAM	1	1	19.68	19.87	19.96	20.5	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.96	24.09	24.17	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2556.02	2592.99	2649.99		
80	QPSK	1	1	24.06	24.05	24.25	25.0	0.0
Channel				508200	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2566	2592.99	2655.98		
60	QPSK	1	1	24.01	24.11	24.16	25.0	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	23.94	24.09	24.19	25.0	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	24.00	24.19	24.17	25.0	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.00	24.15	24.22	25.0	0.0
Channel				514204	518598	539998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.96	23.97	24.21	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	22.91	23.01	22.97	24.0	0.0
40	Pi/2 BPSK	1	53	23.15	23.07	23.22		
40	Pi/2 BPSK	1	106	23.17	23.04	23.22		
40	Pi/2 BPSK	50	0	22.13	22.21	22.14	23.5	0.5
40	Pi/2 BPSK	50	28	23.11	23.05	23.13	24.0	0.0
40	Pi/2 BPSK	50	56	22.65	22.73	22.66	23.5	0.5
40	Pi/2 BPSK	100	0	22.75	22.85	22.75		
40	QPSK	1	1	23.10	23.23	23.09	24.0	0.0
40	QPSK	1	53	22.83	22.84	22.73		
40	QPSK	1	106	22.82	22.89	22.88		
40	QPSK	50	0	22.04	22.05	22.01	24.0	0.0
40	QPSK	50	28	22.59	22.74	22.67		
40	QPSK	50	56	22.33	22.45	22.34		
40	QPSK	100	0	21.31	21.46	21.37	23.0	1.0
40	16QAM	1	1	22.00	22.09	21.95	23.0	1.0
40	64QAM	1	1	20.54	20.59	20.58	21.5	2.5
40	256QAM	1	1	18.25	18.37	18.25	19.5	4.5
Channel				637334	641666	646003	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.19	23.22	23.20	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.11	23.19	23.16	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.96	23.01	22.97	24.0	0.0
100	PI/2 BPSK	1	137	22.94	23.02	22.96		
100	PI/2 BPSK	1	271	22.94	23.07	22.95		
100	PI/2 BPSK	135	0	22.88	22.93	22.78	23.5	0.5
100	PI/2 BPSK	135	69	22.88	22.95	22.81	24.0	0.0
100	PI/2 BPSK	135	138	22.80	22.93	22.89	23.5	0.5
100	PI/2 BPSK	270	0	22.80	22.87	22.76		
100	QPSK	1	1	23.19	23.34	23.12	24.0	0.0
100	QPSK	1	137	23.15	23.24	23.16		
100	QPSK	1	271	23.25	23.30	23.24		
100	QPSK	135	0	22.98	23.10	23.07	24.0	0.0
100	QPSK	135	69	23.15	23.19	23.18		
100	QPSK	135	138	23.01	23.09	22.94		
100	QPSK	270	0	21.91	21.93	21.89	23.0	1.0
100	16QAM	1	1	21.60	21.67	21.60	23.0	1.0
100	64QAM	1	1	20.24	20.35	20.27	21.5	2.5
100	256QAM	1	1	18.65	18.67	18.54	19.5	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	22.95	23.01	22.97	24.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.94	22.96	22.98	24.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.99	22.97	22.98	24.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.96	22.96	23.00	24.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.96	23.00	23.00	24.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	23.00	22.94	22.97	24.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.95	22.92	22.95	24.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	23.00	22.97	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.69	25.82	25.77	27.0	0.0
100	PI/2 BPSK	1	137	24.87	24.88	24.81		
100	PI/2 BPSK	1	271	24.13	24.22	24.12		
100	PI/2 BPSK	135	0	24.19	24.33	24.18	26.5	0.5
100	PI/2 BPSK	135	69	24.57	24.68	24.60	27.0	0.0
100	PI/2 BPSK	135	138	23.56	23.61	23.46	26.5	0.5
100	PI/2 BPSK	270	0	23.64	23.67	23.60		
100	QPSK	1	1	26.00	26.07	25.95	27.0	0.0
100	QPSK	1	137	25.67	25.72	25.60		
100	QPSK	1	271	25.27	25.30	25.24		
100	QPSK	135	0	25.64	25.78	25.72	27.0	0.0
100	QPSK	135	69	25.86	25.97	25.95		
100	QPSK	135	138	25.24	25.39	25.29		
100	QPSK	270	0	25.49	25.56	25.46	26.0	1.0
100	16QAM	1	1	23.57	23.71	23.65	26.0	1.0
100	64QAM	1	1	22.83	22.89	22.74	24.5	2.5
100	256QAM	1	1	21.51	21.65	21.57	22.5	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	25.97	26.02	26.03	27.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	26.04	25.99	26.03	27.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	26.01	26.03	25.95	27.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	25.95	26.03	25.95	27.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	25.96	26.04	25.99	27.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	26.02	25.94	26.01	27.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	25.99	25.99	25.94	27.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	25.94	25.97	25.96	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.34		24.0	0.0
100	PI/2 BPSK	1	137		23.24			
100	PI/2 BPSK	1	271		23.22			
100	PI/2 BPSK	135	0		23.31		23.5	0.5
100	PI/2 BPSK	135	69		23.19		24.0	0.0
100	PI/2 BPSK	135	138		23.17		23.5	0.5
100	PI/2 BPSK	270	0		23.09			
100	QPSK	1	1		23.35		24.0	0.0
100	QPSK	1	137		23.21			
100	QPSK	1	271		23.21			
100	QPSK	135	0		23.15		24.0	0.0
100	QPSK	135	69		23.21			
100	QPSK	135	138		23.14			
100	QPSK	270	0		21.99		23.0	1.0
100	16QAM	1	1		21.99		23.0	1.0
100	64QAM	1	1		20.62		21.5	2.5
100	256QAM	1	1		18.84		19.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	23.07	23.05	23.05	24.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.01	23.09	23.02	24.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	23.01	23.12	22.99	24.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.01	23.12	23.02	24.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	23.05	23.11	22.94	24.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.98	23.08	23.02	24.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.99	23.03	23.01	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.06	23.05	23.00	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.74		27.0	0.0
100	PI/2 BPSK	1	137		25.47			
100	PI/2 BPSK	1	271		25.18			
100	PI/2 BPSK	135	0		24.86		26.5	0.5
100	PI/2 BPSK	135	69		25.26		27.0	0.0
100	PI/2 BPSK	135	138		24.33		26.5	0.5
100	PI/2 BPSK	270	0		24.50			
100	QPSK	1	1		25.86		27.0	0.0
100	QPSK	1	137		25.26			
100	QPSK	1	271		25.10			
100	QPSK	135	0		25.42		27.0	0.0
100	QPSK	135	69		25.43			
100	QPSK	135	138		24.76			
100	QPSK	270	0		24.69		26.0	1.0
100	16QAM	1	1		23.25		26.0	1.0
100	64QAM	1	1		22.49		24.5	2.5
100	256QAM	1	1		21.27		22.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.59	25.85	25.62	27.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.57	25.80	25.58	27.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.49	25.81	25.53	27.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.58	25.78	25.55	27.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.54	25.77	25.58	27.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.54	25.85	25.59	27.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.56	25.77	25.61	27.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.48	25.75	25.54	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.78	22.91	22.76	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.81	22.78		
100	PI/2 BPSK	1	271	22.75	22.78	22.74		
100	PI/2 BPSK	135	0	22.70	22.72	22.70	23.5	0.5
100	PI/2 BPSK	135	69	22.65	22.76	22.70	24.0	0.0
100	PI/2 BPSK	135	138	22.56	22.67	22.63	23.5	0.5
100	PI/2 BPSK	270	0	22.59	22.62	22.56		
100	QPSK	1	1	22.92	23.00	22.87	24.0	0.0
100	QPSK	1	137	22.61	22.72	22.64		
100	QPSK	1	271	22.16	22.18	22.15		
100	QPSK	135	0	22.19	22.21	22.11	24.0	0.0
100	QPSK	135	69	22.37	22.38	22.24		
100	QPSK	135	138	21.34	21.35	21.22		
100	QPSK	270	0	21.34	21.47	21.33	23.0	1.0
100	16QAM	1	1	21.61	21.69	21.68	23.0	1.0
100	64QAM	1	1	20.20	20.29	20.25	21.5	2.5
100	256QAM	1	1	18.44	18.56	18.54	19.5	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	22.97	22.93	22.75	24.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.94	22.89	22.70	24.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.92	22.89	22.65	24.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.96	22.88	22.64	24.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.88	22.87	22.69	24.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.95	22.90	22.71	24.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.91	22.84	22.65	24.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.91	22.92	22.67	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.29	25.30	25.15	27.0	0.0
100	PI/2 BPSK	1	137	24.76	24.77	24.64		
100	PI/2 BPSK	1	271	23.90	24.01	23.86		
100	PI/2 BPSK	135	0	24.40	24.45	24.41	26.5	0.5
100	PI/2 BPSK	135	69	24.75	24.78	24.63	27.0	0.0
100	PI/2 BPSK	135	138	23.74	23.88	23.77	26.5	0.5
100	PI/2 BPSK	270	0	24.21	24.28	24.16		
100	QPSK	1	1	25.98	26.08	25.95	27.0	0.0
100	QPSK	1	137	25.65	25.66	25.63		
100	QPSK	1	271	24.63	24.70	24.68		
100	QPSK	135	0	25.87	25.88	25.74	27.0	0.0
100	QPSK	135	69	25.99	26.04	26.02		
100	QPSK	135	138	25.54	25.64	25.60		
100	QPSK	270	0	25.16	25.23	25.22	26.0	1.0
100	16QAM	1	1	24.27	24.38	24.34	26.0	1.0
100	64QAM	1	1	23.06	23.08	22.97	24.5	2.5
100	256QAM	1	1	21.73	21.77	21.62	22.5	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	25.83	25.90	25.81	27.0	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	25.89	25.92	25.89	27.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	25.87	25.97	25.84	27.0	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	25.91	25.94	25.87	27.0	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	25.91	25.95	25.93	27.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	25.83	25.96	25.82	27.0	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	25.96	25.86	25.86	27.0	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	25.84	25.91	25.89	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.72		24.0	0.0
100	PI/2 BPSK	1	137		22.80			
100	PI/2 BPSK	1	271		22.91			
100	PI/2 BPSK	135	0		21.82		23.5	0.5
100	PI/2 BPSK	135	69		22.45		24.0	0.0
100	PI/2 BPSK	135	138		21.86		23.5	0.5
100	PI/2 BPSK	270	0		21.82			
100	QPSK	1	1		23.25		24.0	0.0
100	QPSK	1	137		23.15			
100	QPSK	1	271		23.09			
100	QPSK	135	0		23.14		24.0	0.0
100	QPSK	135	69		23.15			
100	QPSK	135	138		22.69			
100	QPSK	270	0		22.37		23.0	1.0
100	16QAM	1	1		21.26		23.0	1.0
100	64QAM	1	1		19.98		21.5	2.5
100	256QAM	1	1		18.73		19.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.87	22.93	22.94	24.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	22.92	22.89	22.88	24.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.87	22.97	22.91	24.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	22.90	22.96	22.92	24.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.97	22.88	22.96	24.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.95	22.90	22.96	24.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.92	22.93	22.92	24.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.92	22.91	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.23		27.0	0.0
100	PI/2 BPSK	1	137		25.41			
100	PI/2 BPSK	1	271		24.92			
100	PI/2 BPSK	135	0		24.47		26.5	0.5
100	PI/2 BPSK	135	69		25.21		27.0	0.0
100	PI/2 BPSK	135	138		24.23		26.5	0.5
100	PI/2 BPSK	270	0		24.44			
100	QPSK	1	1		25.93		27.0	0.0
100	QPSK	1	137		25.55			
100	QPSK	1	271		25.26			
100	QPSK	135	0		25.55		27.0	0.0
100	QPSK	135	69		25.88			
100	QPSK	135	138		25.45			
100	QPSK	270	0		25.02		26.0	1.0
100	16QAM	1	1		24.30		26.0	1.0
100	64QAM	1	1		22.72		24.5	2.5
100	256QAM	1	1		21.62		22.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.57	25.67	25.59	27.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.65	25.61	25.58	27.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.50	25.56	25.49	27.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.51	25.46	25.53	27.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.60	25.47	25.44	27.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.51	25.57	25.57	27.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.64	25.56	25.43	27.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.58	25.56	25.53	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. (dBm)	Power Middle Ch. (dBm)	Power High Ch. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				514000	514500	515000		
Frequency (MHz)				2565	2567	2569		
100	PI/2-BPSK	1	0	27.47	27.48	27.49	29.0	0.0
100	PI/2-BPSK	1	51	26.65	26.66	26.66		
100	PI/2-BPSK	1	99	26.47	26.47	26.47	29.0	0.0
100	PI/2-BPSK	136	0	26.47	26.47	26.47	29.0	0.0
100	PI/2-BPSK	136	68	25.65	25.65	25.65		
100	PI/2-BPSK	136	136	26.47	26.47	26.47	29.0	0.0
100	QPSK	1	0	26.47	26.47	26.47	29.0	0.0
100	QPSK	1	51	25.65	25.65	25.65		
100	QPSK	1	99	26.47	26.47	26.47	29.0	0.0
100	QPSK	136	0	26.47	26.47	26.47	29.0	0.0
100	QPSK	136	68	25.65	25.65	25.65		
100	QPSK	136	136	26.47	26.47	26.47	29.0	0.0
100	256QAM	1	0	26.47	26.47	26.47	29.0	0.0
100	256QAM	1	51	25.65	25.65	25.65		
100	256QAM	1	99	26.47	26.47	26.47	29.0	0.0
100	256QAM	136	0	26.47	26.47	26.47	29.0	0.0
100	256QAM	136	68	25.65	25.65	25.65		
100	256QAM	136	136	26.47	26.47	26.47	29.0	0.0
Channel				516000	516500	517000		
Frequency (MHz)				2571	2573	2575		
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0
Channel				518000	518500	519000		
Frequency (MHz)				2577	2579	2581		
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0
Channel				520000	520500	521000		
Frequency (MHz)				2583	2585	2587		
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0
Channel				522000	522500	523000		
Frequency (MHz)				2589	2591	2593		
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0
Channel				524000	524500	525000		
Frequency (MHz)				2595	2597	2599		
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. (dBm)	Power Middle Ch. (dBm)	Power High Ch. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				514000	514500	515000		
Frequency (MHz)				2565	2567	2569		
100	PI/2-BPSK	1	0	28.48	28.49	28.50	29.0	0.0
100	PI/2-BPSK	1	51	27.65	27.66	27.66		
100	PI/2-BPSK	1	99	27.47	27.47	27.47	29.0	0.0
100	PI/2-BPSK	136	0	27.47	27.47	27.47	29.0	0.0
100	PI/2-BPSK	136	68	26.65	26.65	26.65		
100	PI/2-BPSK	136	136	27.47	27.47	27.47	29.0	0.0
100	QPSK	1	0	27.47	27.47	27.47	29.0	0.0
100	QPSK	1	51	26.65	26.65	26.65		
100	QPSK	1	99	27.47	27.47	27.47	29.0	0.0
100	QPSK	136	0	27.47	27.47	27.47	29.0	0.0
100	QPSK	136	68	26.65	26.65	26.65		
100	QPSK	136	136	27.47	27.47	27.47	29.0	0.0
100	256QAM	1	0	27.47	27.47	27.47	29.0	0.0
100	256QAM	1	51	26.65	26.65	26.65		
100	256QAM	1	99	27.47	27.47	27.47	29.0	0.0
100	256QAM	136	0	27.47	27.47	27.47	29.0	0.0
100	256QAM	136	68	26.65	26.65	26.65		
100	256QAM	136	136	27.47	27.47	27.47	29.0	0.0
Channel				516000	516500	517000		
Frequency (MHz)				2571	2573	2575		
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0
Channel				518000	518500	519000		
Frequency (MHz)				2577	2579	2581		
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0
Channel				520000	520500	521000		
Frequency (MHz)				2583	2585	2587		
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0
Channel				522000	522500	523000		
Frequency (MHz)				2589	2591	2593		
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0
Channel				524000	524500	525000		
Frequency (MHz)				2595	2597	2599		
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. (dBm)	Power Middle Ch. (dBm)	Power High Ch. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				514000	514500	515000		
Frequency (MHz)				2565	2567	2569		
100	PI/2-BPSK	1	0	27.47	27.48	27.49	29.0	0.0
100	PI/2-BPSK	1	51	26.65	26.66	26.66		
100	PI/2-BPSK	1	99	26.47	26.47	26.47	29.0	0.0
100	PI/2-BPSK	136	0	26.47	26.47	26.47	29.0	0.0
100	PI/2-BPSK	136	68	25.65	25.65	25.65		
100	PI/2-BPSK	136	136	26.47	26.47	26.47	29.0	0.0
100	QPSK	1	0	26.47	26.47	26.47	29.0	0.0
100	QPSK	1	51	25.65	25.65	25.65		
100	QPSK	1	99	26.47	26.47	26.47	29.0	0.0
100	QPSK	136	0	26.47	26.47	26.47	29.0	0.0
100	QPSK	136	68	25.65	25.65	25.65		
100	QPSK	136	136	26.47	26.47	26.47	29.0	0.0
100	256QAM	1	0	26.47	26.47	26.47	29.0	0.0
100	256QAM	1	51	25.65	25.65	25.65		
100	256QAM	1	99	26.47	26.47	26.47	29.0	0.0
100	256QAM	136	0	26.47	26.47	26.47	29.0	0.0
100	256QAM	136	68	25.65	25.65	25.65		
100	256QAM	136	136	26.47	26.47	26.47	29.0	0.0
Channel				516000	516500	517000	Tune-up limit	MPR
Frequency (MHz)				2571	2573	2575	(dBm)	(dB)
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0
Channel				518000	518500	519000	Tune-up limit	MPR
Frequency (MHz)				2577	2579	2581	(dBm)	(dB)
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0
Channel				520000	520500	521000	Tune-up limit	MPR
Frequency (MHz)				2583	2585	2587	(dBm)	(dB)
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0
Channel				522000	522500	523000	Tune-up limit	MPR
Frequency (MHz)				2589	2591	2593	(dBm)	(dB)
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0
Channel				524000	524500	525000	Tune-up limit	MPR
Frequency (MHz)				2595	2597	2599	(dBm)	(dB)
80	QPSK	1	0	27.47	27.48	27.49	29.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. (dBm)	Power Middle Ch. (dBm)	Power High Ch. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				514000	514500	515000		
Frequency (MHz)				2565	2567	2569		
100	PI/2-BPSK	1	0	28.48	28.49	28.50	29.0	0.0
100	PI/2-BPSK	1	51	27.65	27.66	27.66		
100	PI/2-BPSK	1	99	27.47	27.47	27.47	29.0	0.0
100	PI/2-BPSK	136	0	27.47	27.47	27.47	29.0	0.0
100	PI/2-BPSK	136	68	26.65	26.65	26.65		
100	PI/2-BPSK	136	136	27.47	27.47	27.47	29.0	0.0
100	QPSK	1	0	27.47	27.47	27.47	29.0	0.0
100	QPSK	1	51	26.65	26.65	26.65		
100	QPSK	1	99	27.47	27.47	27.47	29.0	0.0
100	QPSK	136	0	27.47	27.47	27.47	29.0	0.0
100	QPSK	136	68	26.65	26.65	26.65		
100	QPSK	136	136	27.47	27.47	27.47	29.0	0.0
100	256QAM	1	0	27.47	27.47	27.47	29.0	0.0
100	256QAM	1	51	26.65	26.65	26.65		
100	256QAM	1	99	27.47	27.47	27.47	29.0	0.0
100	256QAM	136	0	27.47	27.47	27.47	29.0	0.0
100	256QAM	136	68	26.65	26.65	26.65		
100	256QAM	136	136	27.47	27.47	27.47	29.0	0.0
Channel				516000	516500	517000	Tune-up limit	MPR
Frequency (MHz)				2571	2573	2575	(dBm)	(dB)
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0
Channel				518000	518500	519000	Tune-up limit	MPR
Frequency (MHz)				2577	2579	2581	(dBm)	(dB)
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0
Channel				520000	520500	521000	Tune-up limit	MPR
Frequency (MHz)				2583	2585	2587	(dBm)	(dB)
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0
Channel				522000	522500	523000	Tune-up limit	MPR
Frequency (MHz)				2589	2591	2593	(dBm)	(dB)
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0
Channel				524000	524500	525000	Tune-up limit	MPR
Frequency (MHz)				2595	2597	2599	(dBm)	(dB)
80	QPSK	1	0	28.48	28.49	28.50	29.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Middle (dBm)	Power High (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				636667	646666	656665		
Frequency (MHz)				3412.0	3442.0	3472.0		
100	PI/2-BPSK	1	0	25.41	25.46	25.48	25.5	0.0
100	PI/2-BPSK	1	271	25.41	25.46	25.48		
100	PI/2-BPSK	136	0	23.42	23.46	23.47	23.5	0.0
100	PI/2-BPSK	136	136	23.42	23.46	23.47	23.5	0.0
100	PI/2-BPSK	136	135	23.42	23.46	23.47	23.5	0.0
100	PI/2-BPSK	1	1	25.41	25.46	25.48		
100	QPSK	1	0	25.42	25.46	25.48	25.5	0.0
100	QPSK	1	271	25.42	25.46	25.48		
100	QPSK	136	0	23.42	23.46	23.47	23.5	0.0
100	QPSK	136	136	23.42	23.46	23.47		
100	QPSK	136	135	23.42	23.46	23.47		
100	QPSK	1	1	25.42	25.46	25.48		
100	256QAM	1	0	23.42	23.46	23.47	23.5	1.5
100	256QAM	1	271	23.42	23.46	23.47		
100	256QAM	136	0	21.42	21.46	21.47	21.5	1.5
100	256QAM	136	136	21.42	21.46	21.47		
100	256QAM	136	135	21.42	21.46	21.47		
100	256QAM	1	1	23.42	23.46	23.47		
Channel				636667	646666	656665	636667	646666	656665		
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
80	QPSK	1	0	24.42	24.46	24.47	24.5	0.5
80	QPSK	1	1	24.42	24.46	24.47	24.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
75	QPSK	1	0	24.42	24.46	24.47	24.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
60	QPSK	1	0	24.42	24.46	24.47	24.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
40	QPSK	1	0	24.42	24.46	24.47	24.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
20	QPSK	1	0	24.42	24.46	24.47	24.5	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Middle (dBm)	Power High (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				636667	646666	656665		
Frequency (MHz)				3412.0	3442.0	3472.0		
100	PI/2-BPSK	1	0	26.42	26.46	26.48	26.5	0.0
100	PI/2-BPSK	1	271	26.42	26.46	26.48		
100	PI/2-BPSK	136	0	24.42	24.46	24.47	24.5	0.0
100	PI/2-BPSK	136	136	24.42	24.46	24.47	24.5	0.0
100	PI/2-BPSK	136	135	24.42	24.46	24.47	24.5	0.0
100	PI/2-BPSK	1	1	26.42	26.46	26.48		
100	QPSK	1	0	26.42	26.46	26.48	26.5	0.0
100	QPSK	1	271	26.42	26.46	26.48		
100	QPSK	136	0	24.42	24.46	24.47	24.5	0.0
100	QPSK	136	136	24.42	24.46	24.47		
100	QPSK	136	135	24.42	24.46	24.47		
100	QPSK	1	1	26.42	26.46	26.48		
100	256QAM	1	0	24.42	24.46	24.47	24.5	1.5
100	256QAM	1	271	24.42	24.46	24.47		
100	256QAM	136	0	22.42	22.46	22.47	22.5	1.5
100	256QAM	136	136	22.42	22.46	22.47		
100	256QAM	136	135	22.42	22.46	22.47		
100	256QAM	1	1	24.42	24.46	24.47		
Channel				636667	646666	656665	636667	646666	656665		
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
80	QPSK	1	0	25.42	25.46	25.48	25.5	0.5
80	QPSK	1	1	25.42	25.46	25.48	25.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
75	QPSK	1	0	25.42	25.46	25.48	25.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
60	QPSK	1	0	25.42	25.46	25.48	25.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
40	QPSK	1	0	25.42	25.46	25.48	25.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
20	QPSK	1	0	25.42	25.46	25.48	25.5	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Middle (dBm)	Power High (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				636667	646666	656665		
Frequency (MHz)				3412.0	3442.0	3472.0		
100	PI/2-BPSK	1	0		25.46		25.5	0.0
100	PI/2-BPSK	1	271		25.46			
100	PI/2-BPSK	136	0		23.46		23.5	0.0
100	PI/2-BPSK	136	136		23.46		23.5	0.0
100	PI/2-BPSK	136	135		23.46		23.5	0.0
100	PI/2-BPSK	1	1		25.46			
100	QPSK	1	0		25.46		25.5	0.0
100	QPSK	1	271		25.46			
100	QPSK	136	0		23.46		23.5	0.0
100	QPSK	136	136		23.46			
100	QPSK	136	135		23.46			
100	QPSK	1	1		25.46			
100	256QAM	1	0		23.46		23.5	1.5
100	256QAM	1	271		23.46			
100	256QAM	136	0		21.46		21.5	1.5
100	256QAM	136	136		21.46			
100	256QAM	136	135		21.46			
100	256QAM	1	1		23.46			
Channel				636667	646666	656665	636667	646666	656665		
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
80	QPSK	1	0		24.46		24.5	0.5
80	QPSK	1	1		24.46		24.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
75	QPSK	1	0		24.46		24.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
60	QPSK	1	0		24.46		24.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
40	QPSK	1	0		24.46		24.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
20	QPSK	1	0		24.46		24.5	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Middle (dBm)	Power High (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				636667	646666	656665		
Frequency (MHz)				3412.0	3442.0	3472.0		
100	PI/2-BPSK	1	0		26.46		26.5	0.0
100	PI/2-BPSK	1	271		26.46			
100	PI/2-BPSK	136	0		24.46		24.5	0.0
100	PI/2-BPSK	136	136		24.46		24.5	0.0
100	PI/2-BPSK	136	135		24.46		24.5	0.0
100	PI/2-BPSK	1	1		26.46			
100	QPSK	1	0		26.46		26.5	0.0
100	QPSK	1	271		26.46			
100	QPSK	136	0		24.46		24.5	0.0
100	QPSK	136	136		24.46			
100	QPSK	136	135		24.46			
100	QPSK	1	1		26.46			
100	256QAM	1	0		24.46		24.5	1.5
100	256QAM	1	271		24.46			
100	256QAM	136	0		22.46		22.5	1.5
100	256QAM	136	136		22.46			
100	256QAM	136	135		22.46			
100	256QAM	1	1		24.46			
Channel				636667	646666	656665	636667	646666	656665		
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
80	QPSK	1	0		25.46		25.5	0.5
80	QPSK	1	1		25.46		25.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
75	QPSK	1	0		25.46		25.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
60	QPSK	1	0		25.46		25.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
40	QPSK	1	0		25.46		25.5	0.5
Frequency (MHz)				3412.0	3442.0	3472.0	3412.0	3442.0	3472.0		
20	QPSK	1	0		25.46		25.5	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel								
Frequency [MHz]					3510			
100	DFT-s-OFDM	1	0		23.12		24.0	0.0
100	DFT-s-OFDM	1	271		23.12			
100	DFT-s-OFDM	136	0		21.12		22.0	0.0
100	DFT-s-OFDM	136	135		21.12		22.0	0.0
100	DFT-s-OFDM	136	136		20.62		21.5	0.5
100	DFT-s-OFDM	136	271		20.62			
100	CP-OFDM	1	0		23.12		24.0	0.0
100	CP-OFDM	1	137		23.12			
100	CP-OFDM	1	271		23.12			
100	CP-OFDM	136	0		21.12		22.0	0.0
100	CP-OFDM	136	68		21.12			
100	CP-OFDM	136	136		20.62			
100	CP-OFDM	272	0		21.12		22.0	0.0
100	CP-OFDM	272	136		21.12			
100	256QAM	1	0		21.12		22.0	0.0
100	256QAM	1	1		21.12			
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
80	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
80	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
60	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
60	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
40	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
40	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
30	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
30	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
20	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
20	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
10	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
10	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
5	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
5	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR

Part27Q n78_FCC Ant_5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	MPR [dB]
Channel								
Frequency [MHz]					3510			
100	DFT-s-OFDM	1	0		23.12		24.0	0.0
100	DFT-s-OFDM	1	271		23.12			
100	DFT-s-OFDM	136	0		21.12		22.0	0.0
100	DFT-s-OFDM	136	135		21.12		22.0	0.0
100	DFT-s-OFDM	136	136		20.62		21.5	0.5
100	DFT-s-OFDM	136	271		20.62			
100	CP-OFDM	1	0		23.12		24.0	0.0
100	CP-OFDM	1	137		23.12			
100	CP-OFDM	1	271		23.12			
100	CP-OFDM	136	0		21.12		22.0	0.0
100	CP-OFDM	136	68		21.12			
100	CP-OFDM	136	136		20.62			
100	CP-OFDM	272	0		21.12		22.0	0.0
100	CP-OFDM	272	136		21.12			
100	256QAM	1	0		21.12		22.0	0.0
100	256QAM	1	1		21.12			
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
80	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
80	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
60	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
60	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
40	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
40	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
30	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
30	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
20	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
20	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
10	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
10	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
5	CP-OFDM	1	0	23.12	23.62	23.62	24.0	MPR
5	CP-OFDM	1	1	23.12	23.62	23.62	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR
Frequency [MHz]				3524.16	3510	3495.84	24.0	MPR

Reduced Power Mode for DSI 2

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PV2 BPSK	1	1	23.14	23.19	23.11	24.0	0.0
20	PV2 BPSK	1	53	23.09	23.15	23.02		
20	PV2 BPSK	1	104	23.05	23.17	23.14		
20	PV2 BPSK	50	0	22.45	22.60	22.54	23.5	0.5
20	PV2 BPSK	50	28	23.14	23.16	23.05	24.0	0.0
20	PV2 BPSK	50	56	22.49	22.64	22.56	23.5	0.5
20	PV2 BPSK	100	0	22.56	22.69	22.69		
20	QPSK	1	1	22.98	23.31	23.10	24.0	0.0
20	QPSK	1	53	23.06	23.09	22.95		
20	QPSK	1	104	23.07	23.12	23.08		
20	QPSK	50	0	22.08	22.21	22.17	24.0	0.0
20	QPSK	50	28	23.09	23.17	23.10	24.0	0.0
20	QPSK	50	56	22.10	22.13	22.09	24.0	0.0
20	QPSK	100	0	22.03	22.16	22.02		
20	16QAM	1	1	22.15	22.27	22.23	23.0	1.0
20	64QAM	1	1	20.45	20.57	20.42	21.5	2.5
20	256QAM	1	1	18.57	18.62	18.55	19.5	4.5
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.07	23.17	23.03	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.22	23.28	23.17	24.0	0.0
Channel				370250	376000	381750	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.24	23.30	23.27	24.0	0.0

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PV2 BPSK	1	1	15.76	15.96	15.65	16.5	0.0
20	PV2 BPSK	1	53	15.77	15.72	15.76		
20	PV2 BPSK	1	104	15.92	15.85	15.91		
20	PV2 BPSK	50	0	15.76	15.87	15.75	16.5	0.0
20	PV2 BPSK	50	28	15.84	15.87	15.83	16.5	0.0
20	PV2 BPSK	50	56	15.91	15.71	15.84	16.5	0.0
20	PV2 BPSK	100	0	15.76	15.83	15.70		
20	QPSK	1	1	15.77	16.05	15.75	16.5	0.0
20	QPSK	1	53	15.97	15.87	15.90		
20	QPSK	1	104	15.73	15.81	15.72		
20	QPSK	50	0	15.74	15.69	15.72	16.5	0.0
20	QPSK	50	28	15.84	15.88	15.76	16.5	0.0
20	QPSK	50	56	15.76	15.82	15.69	16.5	0.0
20	QPSK	100	0	15.75	15.81	15.69		
20	16QAM	1	1	15.73	15.82	15.62	16.5	0.0
20	64QAM	1	1	15.77	15.85	15.76	16.5	0.0
20	256QAM	1	1	15.98	16.00	15.86	16.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.64	15.91	15.55	16.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.65	15.91	15.55	16.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.74	15.87	15.53	16.5	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166850	167300	167850		
Frequency (MHz)				834	836.5	839		
20	PV2 BPSK	1	1	23.12	23.09	23.18	24.0	0.0
20	PV2 BPSK	1	53	22.99	23.08	22.99		
20	PV2 BPSK	1	104	22.92	23.01	22.96		
20	PV2 BPSK	50	0	22.45	22.58	22.55	23.5	0.5
20	PV2 BPSK	50	28	22.97	23.04	22.93	24.0	0.0
20	PV2 BPSK	50	56	22.30	22.45	22.42	23.5	0.5
20	PV2 BPSK	100	0	22.42	22.56	22.47		
20	QPSK	1	1	22.85	23.20	22.91	24.0	0.0
20	QPSK	1	53	22.96	23.02	23.00		
20	QPSK	1	104	22.85	22.96	22.94		
20	QPSK	50	0	21.97	22.10	22.07	23.0	1.0
20	QPSK	50	28	22.90	22.97	22.94	24.0	0.0
20	QPSK	50	56	21.80	21.91	21.79	23.0	1.0
20	QPSK	100	0	21.87	22.00	21.88		
20	16QAM	1	1	22.09	22.13	22.06	23.0	1.0
20	64QAM	1	1	20.54	20.57	20.50	21.5	2.5
20	256QAM	1	1	18.65	18.72	18.66	19.5	4.5
Channel				166350	167300	168350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.13	23.11	24.0	0.0
Channel				165850	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.91	23.04	23.00	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.17	22.93	24.0	0.0

n5_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166850	167300	167850		
Frequency (MHz)				834	836.5	839		
20	PV2 BPSK	1	1	22.61	22.55	22.67	23.5	0.0
20	PV2 BPSK	1	53	22.52	22.50	22.42		
20	PV2 BPSK	1	104	22.47	22.49	22.31		
20	PV2 BPSK	50	0	22.49	22.54	22.58	23.5	0.0
20	PV2 BPSK	50	28	22.39	22.41	22.42	23.5	0.0
20	PV2 BPSK	50	56	22.29	22.39	22.34	23.5	0.0
20	PV2 BPSK	100	0	22.31	22.51	22.44		
20	QPSK	1	1	22.38	22.67	22.40	23.5	0.0
20	QPSK	1	53	22.39	22.52	22.50		
20	QPSK	1	104	22.39	22.45	22.36		
20	QPSK	50	0	21.40	21.47	21.53	23.0	0.5
20	QPSK	50	28	22.41	22.46	22.29	23.5	0.0
20	QPSK	50	56	21.80	21.87	21.70	23.0	0.5
20	QPSK	100	0	21.77	21.91	21.84		
20	16QAM	1	1	21.80	21.93	21.88	23.0	0.5
20	64QAM	1	1	20.45	20.63	20.53	21.5	2.0
20	256QAM	1	1	18.65	18.70	18.52	19.5	4.0
Channel				166350	167300	168350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.56	22.48	22.64	23.5	0.0
Channel				165850	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.49	22.43	22.61	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.52	22.46	22.56	23.5	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.03	21.05	20.95	22.0	0.0
40	PI/2 BPSK	1	108	20.96	20.98	20.92		
40	PI/2 BPSK	1	214	21.04	21.01	21.04		
40	PI/2 BPSK	108	0	21.00	21.22	21.00	22.0	0.0
40	PI/2 BPSK	108	54	20.60	20.61	20.71	22.0	0.0
40	PI/2 BPSK	108	108	19.86	19.90	19.81	22.0	0.0
40	PI/2 BPSK	216	0	19.91	19.96	19.93		
40	QPSK	1	1	21.06	21.25	21.01	22.0	0.0
40	QPSK	1	108	20.86	20.93	20.79		
40	QPSK	1	214	20.82	20.93	20.81		
40	QPSK	108	0	19.86	19.89	19.86	22.0	0.0
40	QPSK	108	54	20.86	20.96	20.89	22.0	0.0
40	QPSK	108	108	20.72	20.86	20.85	22.0	0.0
40	QPSK	216	0	20.83	20.89	20.76		
40	16QAM	1	1	20.37	20.45	20.41	22.0	0.0
40	64QAM	1	1	20.31	20.42	20.40	21.5	0.5
40	256QAM	1	1	18.49	18.55	18.41	19.5	2.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.02	21.13	20.93	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.00	21.24	20.97	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.98	21.16	20.93	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.04	21.20	20.94	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.95	21.22	21.00	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.99	21.16	20.92	22.0	0.0

n7_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.53	15.76	15.53	16.5	0.0
40	PI/2 BPSK	1	108	15.54	15.60	15.48		
40	PI/2 BPSK	1	214	15.55	15.57	15.49		
40	PI/2 BPSK	108	0	15.44	15.48	15.45	16.5	0.0
40	PI/2 BPSK	108	54	15.70	15.50	15.59	16.5	0.0
40	PI/2 BPSK	108	108	15.54	15.65	15.52	16.5	0.0
40	PI/2 BPSK	216	0	15.60	15.70	15.52		
40	QPSK	1	1	15.78	15.87	15.71	16.5	0.0
40	QPSK	1	108	15.79	15.75	15.66		
40	QPSK	1	214	15.70	15.10	15.55		
40	QPSK	108	0	15.57	15.67	15.59	16.5	0.0
40	QPSK	108	54	15.72	15.83	15.62	16.5	0.0
40	QPSK	108	108	15.59	15.74	15.47	16.5	0.0
40	QPSK	216	0	15.70	15.71	15.48		
40	16QAM	1	1	15.70	15.78	15.44	16.5	0.0
40	64QAM	1	1	15.57	15.67	15.51	16.5	0.0
40	256QAM	1	1	15.61	15.71	15.57	16.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.50	15.66	15.49	16.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.49	15.69	15.45	16.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.43	15.69	15.50	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.46	15.64	15.43	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.47	15.65	15.48	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.44	15.66	15.51	16.5	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.11	23.09	23.02	24.0	0.0
15	PI/2 BPSK	1	40	22.85	22.94	22.91		
15	PI/2 BPSK	1	77	22.82	22.83	22.70		
15	PI/2 BPSK	36	0	22.28	22.39	22.26	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.76	22.70	24.0	0.0
15	PI/2 BPSK	36	43	22.22	22.26	22.16	23.5	0.5
15	PI/2 BPSK	75	0	22.33	22.35	22.27		
15	QPSK	1	1	22.92	23.12	22.93	24.0	0.0
15	QPSK	1	40	22.78	22.80	22.76		
15	QPSK	1	77	22.96	22.67	22.62		
15	QPSK	36	0	21.75	21.90	21.88	23.0	1.0
15	QPSK	36	22	22.74	22.81	22.80	24.0	0.0
15	QPSK	36	43	21.74	21.75	21.68	23.0	1.0
15	QPSK	75	0	21.74	21.84	21.79		
15	16QAM	1	1	21.96	22.11	22.08	23.0	1.0
15	64QAM	1	1	20.60	20.66	20.61	21.5	2.5
15	256QAM	1	1	18.66	18.67	18.58	19.5	4.5
Channel				140850	141500	142250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706	707.5	711		
10	QPSK	1	1	22.95	23.00	22.88	24.0	0.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				705.5	707.5	713.5		
5	QPSK	1	1	22.93	23.06	22.96	24.0	0.0

n12_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.08	23.11	23.05	24.0	0.0
15	PI/2 BPSK	1	40	22.88	22.98	22.88		
15	PI/2 BPSK	1	77	22.83	22.96	22.83		
15	PI/2 BPSK	36	0	22.67	22.92	22.76	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.71	22.60	24.0	0.0
15	PI/2 BPSK	36	43	22.64	22.71	22.66	23.5	0.5
15	PI/2 BPSK	75	0	22.62	22.76	22.61		
15	QPSK	1	1	23.07	23.13	23.04	24.0	0.0
15	QPSK	1	40	22.77	22.87	22.77		
15	QPSK	1	77	22.70	22.72	22.61		
15	QPSK	36	0	22.01	22.09	21.98	23.0	1.0
15	QPSK	36	22	22.78	22.81	22.67	24.0	0.0
15	QPSK	36	43	21.79	21.94	21.82	23.0	1.0
15	QPSK	75	0	21.86	22.01	21.88		
15	16QAM	1	1	22.31	22.41	22.38	23.0	1.0
15	64QAM	1	1	20.55	20.50	20.32	21.5	2.5
15	256QAM	1	1	18.79	18.82	18.66	19.5	4.5
Channel				140850	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706	707.5	711		
10	QPSK	1	1	23.01	23.01	23.02	24.0	0.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				705.5	707.5	713.5		
5	QPSK	1	1	23.04	23.12	23.06	24.0	0.0

n14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158000			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.29		24.0	0.0
10	PI/2 BPSK	1	26		23.24			
10	PI/2 BPSK	1	50		23.26			
10	PI/2 BPSK	25	0		22.79		23.5	0.5
10	PI/2 BPSK	25	14		23.26		24.0	0.0
10	PI/2 BPSK	25	27		22.77		23.5	0.5
10	PI/2 BPSK	50	0		22.79			
10	QPSK	1	1		23.31		24.0	0.0
10	QPSK	1	26		23.29			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.19		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.22		23.0	1.0
10	QPSK	50	0		22.27			
10	16QAM	1	1		22.36		23.0	1.0
10	64QAM	1	1		20.95		21.5	2.5
10	256QAM	1	1		18.69		19.5	4.5
Channel				158100	158000	157900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				795.5	793	790.5		
5	QPSK	1	1	23.27	23.24	23.27	24.0	0.0

n14_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158000			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.10		24.0	0.0
10	PI/2 BPSK	1	26		23.15			
10	PI/2 BPSK	1	50		23.14			
10	PI/2 BPSK	25	0		22.74		23.5	0.5
10	PI/2 BPSK	25	14		23.09		24.0	0.0
10	PI/2 BPSK	25	27		22.61		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.17		24.0	0.0
10	QPSK	1	26		23.11			
10	QPSK	1	50		23.07			
10	QPSK	25	0		22.23		23.0	1.0
10	QPSK	25	14		23.12		24.0	0.0
10	QPSK	25	27		22.16		23.0	1.0
10	QPSK	50	0		22.18			
10	16QAM	1	1		22.21		23.0	1.0
10	64QAM	1	1		20.64		21.5	2.5
10	256QAM	1	1		18.65		19.5	4.5
Channel				158100	158000	157900	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				795.5	793	790.5		
5	QPSK	1	1	23.11	23.16	23.10	24.0	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.20	23.22	23.12	24.0	0.0
40	PI/2 BPSK	1	108	23.24	23.27	23.14		
40	PI/2 BPSK	1	214	23.27	23.30	23.15		
40	PI/2 BPSK	108	0	22.64	22.72	22.69	23.5	0.5
40	PI/2 BPSK	108	54	23.10	23.23	23.16	24.0	0.0
40	PI/2 BPSK	108	108	22.50	22.64	22.61	23.5	0.5
40	PI/2 BPSK	216	0	22.64	22.68	22.57		
40	QPSK	1	1	23.35	23.39	23.23	24.0	0.0
40	QPSK	1	108	23.11	23.21	23.11		
40	QPSK	1	214	23.21	23.35	23.26		
40	QPSK	108	0	22.13	22.20	22.09	23.0	1.0
40	QPSK	108	54	23.14	23.27	23.21	24.0	0.0
40	QPSK	108	108	22.03	22.14	22.05	23.0	1.0
40	QPSK	216	0	22.13	22.18	22.15		
40	16QAM	1	1	22.23	22.35	22.34	23.0	1.0
40	64QAM	1	1	20.71	20.81	20.72	21.5	2.5
40	256QAM	1	1	19.10	19.12	19.04	19.5	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.24	23.30	23.15	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.20	23.33	23.22	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.17	23.32	23.24	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.22	23.27	23.19	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.28	23.38	23.26	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.17	23.34	23.27	24.0	0.0

n25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.64	15.72	15.66	16.5	0.0
40	PI/2 BPSK	1	108	15.64	15.74	15.60		
40	PI/2 BPSK	1	214	15.56	15.63	15.57		
40	PI/2 BPSK	108	0	15.62	15.85	15.72	16.5	0.0
40	PI/2 BPSK	108	54	15.62	15.66	15.69	16.5	0.0
40	PI/2 BPSK	108	108	15.69	15.76	15.79	16.5	0.0
40	PI/2 BPSK	216	0	15.69	15.88	15.71		
40	QPSK	1	1	15.99	16.14	16.02	16.5	0.0
40	QPSK	1	108	15.84	15.97	15.88		
40	QPSK	1	214	15.76	15.77	15.75		
40	QPSK	108	0	15.49	15.51	15.34	16.5	0.0
40	QPSK	108	54	15.74	16.04	15.73	16.5	0.0
40	QPSK	108	108	15.92	16.01	15.81	16.5	0.0
40	QPSK	216	0	15.92	15.98	15.97		
40	16QAM	1	1	15.91	15.98	15.86	16.5	0.0
40	64QAM	1	1	15.11	15.25	15.18	16.5	0.0
40	256QAM	1	1	16.02	16.11	16.10	16.5	0.0
Channel				373500	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1900		
30	QPSK	1	1	15.52	15.68	15.55	16.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.55	15.71	15.57	16.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.62	15.61	15.65	16.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.52	15.62	15.56	16.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.61	15.63	15.56	16.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.55	15.63	15.63	16.5	0.0

n26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.15	23.13	23.11	24.0	0.0
20	PI/2 BPSK	1	53	22.97	23.02	22.91		
20	PI/2 BPSK	1	104	22.90	23.00	22.88		
20	PI/2 BPSK	50	0	22.61	22.63	22.62	23.5	0.5
20	PI/2 BPSK	50	28	23.00	23.05	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.39	22.45	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.46	22.53	22.42		
20	QPSK	1	1	23.17	23.23	23.17	24.0	0.0
20	QPSK	1	53	23.10	23.21	23.18		
20	QPSK	1	104	23.05	23.17	23.08		
20	QPSK	50	0	21.99	22.11	22.07	23.0	1.0
20	QPSK	50	28	22.94	23.03	23.00	24.0	0.0
20	QPSK	50	56	21.91	22.00	21.88	23.0	1.0
20	QPSK	100	0	21.95	22.04	21.97		
20	16QAM	1	1	21.99	22.08	22.07	23.0	1.0
20	64QAM	1	1	20.55	20.63	20.59	21.5	2.5
20	256QAM	1	1	18.77	18.85	18.77	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.07	23.14	23.05	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.08	23.05	23.13	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.10	23.13	23.02	24.0	0.0

n26_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.61	22.68	22.58	23.5	0.0
20	PI/2 BPSK	1	53	22.55	22.64	22.66		
20	PI/2 BPSK	1	104	22.56	22.58	22.59		
20	PI/2 BPSK	50	0	22.22	22.22	22.18	23.5	0.0
20	PI/2 BPSK	50	28	22.61	22.67	22.57	23.5	0.0
20	PI/2 BPSK	50	56	22.56	22.61	22.61	23.5	0.0
20	PI/2 BPSK	100	0	22.11	22.30	22.21		
20	QPSK	1	1	22.85	23.00	22.76	23.5	0.0
20	QPSK	1	53	22.77	22.73	22.71		
20	QPSK	1	104	22.62	22.65	22.57		
20	QPSK	50	0	21.88	21.88	21.85	23.0	0.5
20	QPSK	50	28	22.76	22.82	22.81	23.5	0.0
20	QPSK	50	56	22.64	21.75	22.59	23.0	0.5
20	QPSK	100	0	21.54	21.75	21.72		
20	16QAM	1	1	21.59	21.87	21.91	23.0	0.5
20	64QAM	1	1	20.17	20.15	20.19	22.0	1.5
20	256QAM	1	1	18.71	18.69	18.71	19.5	4.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.56	22.63	22.48	23.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.50	22.57	22.53	23.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.50	22.62	22.47	23.5	0.0

n30_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.34		24.0	0.0
10	PI/2 BPSK	1	26		23.32			
10	PI/2 BPSK	1	50		23.22			
10	PI/2 BPSK	25	0		22.83		23.5	0.5
10	PI/2 BPSK	25	14		23.30		24.0	0.0
10	PI/2 BPSK	25	27		22.75		23.5	0.5
10	PI/2 BPSK	50	0		22.82			
10	QPSK	1	1		23.39		24.0	0.0
10	QPSK	1	26		23.31			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.29		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.15		23.0	1.0
10	QPSK	50	0		22.26			
10	16QAM	1	1		22.39		23.0	1.0
10	64QAM	1	1		20.85		21.5	2.5
10	256QAM	1	1		18.85		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.30	23.35	23.33	24.0	0.0

n30_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		15.04		16.0	0.0
10	PI/2 BPSK	1	26		14.93			
10	PI/2 BPSK	1	50		15.01			
10	PI/2 BPSK	25	0		13.22		16.0	0.0
10	PI/2 BPSK	25	14		14.93		16.0	0.0
10	PI/2 BPSK	25	27		14.35		16.0	0.0
10	PI/2 BPSK	50	0		14.37			
10	QPSK	1	1		15.34		16.0	0.0
10	QPSK	1	26		14.94			
10	QPSK	1	50		15.02			
10	QPSK	25	0		14.87		16.0	0.0
10	QPSK	25	14		14.99		16.0	0.0
10	QPSK	25	27		14.88		16.0	0.0
10	QPSK	50	0		14.97			
10	16QAM	1	1		15.11		16.0	0.0
10	64QAM	1	1		15.21		16.0	0.0
10	256QAM	1	1		14.98		16.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	15.02	14.94	14.92	16.0	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1750	1765	1780		
40	PI/2 BPSK	1	1	23.34	23.30	23.32	24.0	0.0
40	PI/2 BPSK	1	108	23.24	23.35	23.35		
40	PI/2 BPSK	1	214	23.35	23.37	23.29		
40	PI/2 BPSK	108	0	22.77	22.80	22.72	23.5	0.5
40	PI/2 BPSK	108	54	23.15	23.27	23.16	24.0	0.0
40	PI/2 BPSK	108	108	22.87	22.93	22.87	23.5	0.5
40	PI/2 BPSK	216	0	22.74	22.85	22.79		
40	QPSK	1	1	23.28	23.39	23.26	24.0	0.0
40	QPSK	1	108	23.17	23.29	23.18		
40	QPSK	1	214	23.31	23.38	23.33		
40	QPSK	108	0	22.36	22.37	22.28	23.0	1.0
40	QPSK	108	54	23.32	23.34	23.23	24.0	0.0
40	QPSK	108	108	22.28	22.32	22.31	23.0	1.0
40	QPSK	216	0	22.21	22.28	22.16		
40	16QAM	1	1	22.28	22.32	22.23	23.0	1.0
40	64QAM	1	1	20.93	21.00	20.96	21.5	2.5
40	256QAM	1	1	18.95	19.00	18.91	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1765	1805		
30	QPSK	1	1	23.28	23.34	23.26	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1765	1770		
20	QPSK	1	1	23.24	23.34	23.25	24.0	0.0
Channel				343000	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1765	1772.5		
15	QPSK	1	1	23.27	23.38	23.33	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1765	1775		
10	QPSK	1	1	23.27	23.32	23.25	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1765	1777.5		
5	QPSK	1	1	23.22	23.31	23.26	24.0	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1750	1765	1780		
40	PI/2 BPSK	1	1	18.94	19.08	19.01	20.0	0.0
40	PI/2 BPSK	1	108	18.94	18.96	19.00		
40	PI/2 BPSK	1	214	18.92	18.91	18.90		
40	PI/2 BPSK	108	0	18.87	19.18	18.96	20.0	0.0
40	PI/2 BPSK	108	54	18.85	18.85	18.76	20.0	0.0
40	PI/2 BPSK	108	108	18.96	19.07	19.00	20.0	0.0
40	PI/2 BPSK	216	0	19.02	19.07	18.90		
40	QPSK	1	1	19.08	19.23	19.08	20.0	0.0
40	QPSK	1	108	19.02	19.09	19.03		
40	QPSK	1	214	18.96	19.03	18.92		
40	QPSK	108	0	18.64	18.75	18.77	20.0	0.0
40	QPSK	108	54	18.76	18.92	18.79	20.0	0.0
40	QPSK	108	108	18.81	18.78	18.77	20.0	0.0
40	QPSK	216	0	18.91	18.93	18.78		
40	16QAM	1	1	18.80	19.02	18.97	20.0	0.0
40	64QAM	1	1	19.06	19.00	19.00	20.0	0.0
40	256QAM	1	1	18.63	18.47	18.40	19.5	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1765	1805		
30	QPSK	1	1	18.93	19.03	18.94	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1765	1770		
20	QPSK	1	1	18.93	19.05	18.89	20.0	0.0
Channel				343000	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1765	1772.5		
15	QPSK	1	1	18.89	19.00	18.90	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1765	1775		
10	QPSK	1	1	18.90	18.98	18.94	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1765	1777.5		
5	QPSK	1	1	18.93	19.04	19.00	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					345500			
Frequency (MHz)					1752.5			
15	PI/2 BPSK	1	1		23.34		24.0	0.0
15	PI/2 BPSK	1	40		23.35			
15	PI/2 BPSK	1	77		23.36			
15	PI/2 BPSK	36	0		22.84		23.5	0.5
15	PI/2 BPSK	36	22		23.32		24.0	0.0
15	PI/2 BPSK	36	43		22.81		23.5	0.5
15	PI/2 BPSK	75	0		22.80			
15	QPSK	1	1		23.38		24.0	0.0
15	QPSK	1	40		23.25			
15	QPSK	1	77		23.25			
15	QPSK	36	0		22.26		23.0	1.0
15	QPSK	36	22		23.27		24.0	0.0
15	QPSK	36	43		22.22		23.0	1.0
15	QPSK	75	0		22.24			
15	16QAM	1	1		22.30		23.0	1.0
15	64QAM	1	1		20.79		21.5	2.5
15	256QAM	1	1		18.82		19.5	4.5
Channel				340500	345500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1752.5	1725		
10	QPSK	1	1	23.36	23.34	23.33	24.0	0.0
Channel				339500	345500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1752.5	1707.5		
5	QPSK	1	1	23.27	23.36	23.25	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					345500			
Frequency (MHz)					1752.5			
15	PI/2 BPSK	1	1		20.42		21.0	0.0
15	PI/2 BPSK	1	40		20.42			
15	PI/2 BPSK	1	77		20.35			
15	PI/2 BPSK	36	0		20.37		21.0	0.0
15	PI/2 BPSK	36	22		20.33		21.0	0.0
15	PI/2 BPSK	36	43		20.30		21.0	0.0
15	PI/2 BPSK	75	0		20.30			
15	QPSK	1	1		20.42		21.0	0.0
15	QPSK	1	40		20.41			
15	QPSK	1	77		20.31			
15	QPSK	36	0		20.39		21.0	0.0
15	QPSK	36	22		20.40		21.0	0.0
15	QPSK	36	43		20.24		21.0	0.0
15	QPSK	75	0		20.37			
15	16QAM	1	1		20.36		21.0	0.0
15	64QAM	1	1		20.36		21.0	0.0
15	256QAM	1	1		18.75		19.5	1.5
Channel				340500	345500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1752.5	1725		
5	QPSK	1	1	20.38	20.40	20.39	24.0	0.0
Channel				339500	345500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1752.5	1707.5		
5	QPSK	1	1	20.36	20.39	20.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134000	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.14	23.09	23.00	24.0	0.0
20	PI/2 BPSK	1	53	22.87	22.98	22.88		
20	PI/2 BPSK	1	104	22.87	22.96	22.93		
20	PI/2 BPSK	50	0	22.56	22.60	22.53	23.5	0.5
20	PI/2 BPSK	50	28	22.93	22.96	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.35	22.41	22.38	23.5	0.5
20	PI/2 BPSK	100	0	22.38	22.49	22.48		
20	QPSK	1	1	23.18	23.20	23.14	24.0	0.0
20	QPSK	1	53	22.87	22.89	22.90		
20	QPSK	1	104	22.82	22.92	22.89		
20	QPSK	50	0	21.93	22.04	21.95	23.0	1.0
20	QPSK	50	28	22.95	22.99	22.93	24.0	0.0
20	QPSK	50	56	21.89	21.90	21.82	23.0	1.0
20	QPSK	100	0	21.87	21.97	21.96		
20	16QAM	1	1	21.95	22.07	21.96	23.0	1.0
20	64QAM	1	1	20.62	20.67	20.65	21.5	2.5
20	256QAM	1	1	18.77	18.86	18.84	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.91	23.03	22.99	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.10	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.08	23.15	23.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134000	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.11	23.09	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.81	22.90	22.81		
20	PI/2 BPSK	1	104	22.73	22.81	22.73		
20	PI/2 BPSK	50	0	22.51	22.46	22.45	23.5	0.5
20	PI/2 BPSK	50	28	22.90	22.94	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.55	22.61	22.44	23.5	0.5
20	PI/2 BPSK	100	0	22.58	22.47	22.45		
20	QPSK	1	1	23.00	23.12	22.98	24.0	0.0
20	QPSK	1	53	22.87	22.95	22.87		
20	QPSK	1	104	22.83	22.85	22.73		
20	QPSK	50	0	22.08	22.11	22.09	23.0	1.0
20	QPSK	50	28	22.87	22.95	22.91	24.0	0.0
20	QPSK	50	56	21.95	22.03	22.02	23.0	1.0
20	QPSK	100	0	22.10	22.20	22.14		
20	16QAM	1	1	22.00	22.02	22.05	23.0	1.0
20	64QAM	1	1	20.54	20.48	20.50	21.5	2.5
20	256QAM	1	1	18.68	18.83	18.85	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.85	22.95	22.89	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.11	23.00	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.99	23.06	23.03	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.68	19.72	19.68	21.0	0.0
100	PI/2 BPSK	1	137	19.63	19.95	19.69		
100	PI/2 BPSK	1	271	19.74	19.74	19.67		
100	PI/2 BPSK	135	0	19.58	19.67	19.56	21.0	0.0
100	PI/2 BPSK	135	69	19.67	19.69	19.66	21.0	0.0
100	PI/2 BPSK	135	138	19.57	19.71	19.62	21.0	0.0
100	PI/2 BPSK	270	0	19.63	19.65	19.52		
100	QPSK	1	1	19.81	19.79	19.67	21.0	0.0
100	QPSK	1	137	19.87	20.01	19.97		
100	QPSK	1	271	19.80	19.85	19.87		
100	QPSK	135	0	19.66	19.69	19.61	21.0	0.0
100	QPSK	135	69	19.78	19.82	19.78		
100	QPSK	135	138	19.62	19.83	19.51		
100	QPSK	270	0	19.65	19.81	19.75	21.0	0.0
100	16QAM	1	1	19.71	19.95	19.89	21.0	0.0
100	64QAM	1	1	19.77	19.84	19.86	21.0	0.0
100	256QAM	1	1	18.40	18.59	18.55	19.5	1.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.74	19.83	19.73	21.0	0.0
Channel				507264	518598	529932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2655.99		
80	QPSK	1	1	19.79	19.73	19.79	21.0	0.0
Channel				505250	518598	531946	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525	2592.99	2659.98		
60	QPSK	1	1	19.82	19.78	19.76	21.0	0.0
Channel				504224	518598	532972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.80	19.78	19.81	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.75	19.83	19.73	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.77	19.73	19.81	21.0	0.0
Channel				501224	518598	535972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.80	19.73	19.82	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.84	22.83	22.78	24.0	0.0
100	PI/2 BPSK	1	137	22.84	22.89	22.86		
100	PI/2 BPSK	1	271	22.96	22.96	22.99		
100	PI/2 BPSK	135	0	22.75	22.80	22.47	24.0	0.0
100	PI/2 BPSK	135	69	22.79	22.86	22.74	24.0	0.0
100	PI/2 BPSK	135	138	22.77	22.85	22.48	24.0	0.0
100	PI/2 BPSK	270	0	22.70	22.57	22.53		
100	QPSK	1	1	22.82	22.94	22.59	24.0	0.0
100	QPSK	1	137	22.87	23.01	22.85		
100	QPSK	1	271	22.82	22.86	22.74		
100	QPSK	135	0	22.25	22.35	22.31	24.0	0.0
100	QPSK	135	69	22.79	22.67	22.49		
100	QPSK	135	138	22.77	22.68	22.51		
100	QPSK	270	0	22.72	22.64	22.53	24.0	0.0
100	16QAM	1	1	22.79	22.66	22.52	24.0	0.0
100	64QAM	1	1	22.70	22.66	22.57	24.0	0.0
100	256QAM	1	1	21.32	21.21	21.09	22.5	1.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.73	22.59	22.53	24.0	0.0
Channel				507264	518598	529932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530.02	2592.99	2655.99		
80	QPSK	1	1	22.77	22.62	22.54	24.0	0.0
Channel				505250	518598	531946	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525	2592.99	2659.98		
60	QPSK	1	1	22.74	22.67	22.58	24.0	0.0
Channel				504224	518598	532972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.61	22.52	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.77	22.66	22.58	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.71	22.58	22.50	24.0	0.0
Channel				501224	518598	535972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.71	22.57	22.54	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.77	21.78	21.69	23.0	0.0
100	PI/2 BPSK	1	137	21.78	21.88	21.73		
100	PI/2 BPSK	1	271	21.82	21.87	21.76		
100	PI/2 BPSK	135	0	21.56	21.66	21.57	22.5	0.5
100	PI/2 BPSK	135	69	21.59	21.64	21.53	23.0	0.0
100	PI/2 BPSK	135	138	21.69	21.74	21.68	22.5	0.5
100	PI/2 BPSK	270	0	21.55	21.62	21.58		
100	QPSK	1	1	21.81	21.68	21.64	23.0	0.0
100	QPSK	1	137	21.87	21.91	21.86		
100	QPSK	1	271	21.78	21.87	21.81		
100	QPSK	135	0	21.55	21.62	21.52	23.0	0.0
100	QPSK	135	69	21.60	21.70	21.60		
100	QPSK	135	138	21.52	21.64	21.53		
100	QPSK	270	0	20.55	20.69	20.68	22.0	1.0
100	16QAM	1	1	20.69	20.82	20.80	22.0	1.0
100	64QAM	1	1	19.28	19.35	19.28	20.5	2.5
100	256QAM	1	1	17.33	17.37	17.23	18.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.64	21.72	21.67	23.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.68	21.66	21.62	23.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.63	21.72	21.62	23.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.71	21.63	21.69	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.66	21.63	21.65	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.63	21.72	21.62	23.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.71	21.70	21.68	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.32	24.75	24.72	26.0	0.0
100	PI/2 BPSK	1	137	24.44	24.56	24.47		
100	PI/2 BPSK	1	271	24.79	24.88	24.86		
100	PI/2 BPSK	135	0	24.26	24.36	24.33	25.5	0.5
100	PI/2 BPSK	135	69	24.33	24.44	24.39	26.0	0.0
100	PI/2 BPSK	135	138	24.31	24.38	24.23	25.5	0.5
100	PI/2 BPSK	270	0	24.00	24.15	24.12		
100	QPSK	1	1	24.27	24.26	24.23	26.0	0.0
100	QPSK	1	137	24.61	24.90	24.77		
100	QPSK	1	271	24.51	24.65	24.62		
100	QPSK	135	0	24.08	24.09	24.00	26.0	0.0
100	QPSK	135	69	24.07	24.29	24.07		
100	QPSK	135	138	23.32	23.42	23.29		
100	QPSK	270	0	23.41	23.45	23.39	25.0	1.0
100	16QAM	1	1	23.78	24.13	24.07	25.0	1.0
100	64QAM	1	1	22.51	22.62	22.49	23.5	2.5
100	256QAM	1	1	19.89	20.12	20.08	21.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.80	24.75	24.77	26.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.74	24.79	24.79	26.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.77	24.74	24.79	26.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.70	24.78	24.72	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.80	24.78	24.79	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.80	24.72	24.74	26.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.76	24.80	24.71	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.38	15.33	15.98	17.0	0.0
100	PI/2 BPSK	1	137	15.78	15.88	16.65		
100	PI/2 BPSK	1	271	16.02	16.10	16.56		
100	PI/2 BPSK	135	0	15.63	15.55	16.41	17.0	0.0
100	PI/2 BPSK	135	69	15.67	15.94	16.36		
100	PI/2 BPSK	135	138	15.93	15.96	16.59	17.0	0.0
100	PI/2 BPSK	270	0	15.77	15.17	15.65		
100	QPSK	1	1	15.46	15.62	16.58	17.0	0.0
100	QPSK	1	137	16.09	16.32	16.67		
100	QPSK	1	271	15.71	15.39	15.84		
100	QPSK	135	0	15.48	15.68	16.20	17.0	0.0
100	QPSK	135	69	15.70	16.05	16.48		
100	QPSK	135	138	15.67	15.88	16.33		
100	QPSK	270	0	14.93	15.67	15.92	17.0	0.0
100	16QAM	1	1	15.63	15.19	15.50	17.0	0.0
100	64QAM	1	1	14.16	14.12	14.79	16.0	1.0
100	256QAM	1	1	12.34	12.43	12.94	14.0	3.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.45	15.64	16.57	17.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	15.37	15.70	16.51	17.0	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2560	2592.99	2659.98		
60	QPSK	1	1	15.45	15.66	16.53	17.0	0.0
Channel				509424	518598	533988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	15.30	15.79	16.61	17.0	0.0
Channel				510402	518598	535980	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2581.01	2592.99	2670		
40	QPSK	1	1	15.37	15.80	16.54	17.0	0.0
Channel				512400	518598	541956	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2611	2592.99	2674.98		
30	QPSK	1	1	15.37	15.79	16.52	17.0	0.0
Channel				514224	518598	545988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.41	15.78	16.65	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.49	18.36	18.73	20.0	0.0
100	PI/2 BPSK	1	137	18.47	18.84	19.33		
100	PI/2 BPSK	1	271	15.86	16.36	16.70		
100	PI/2 BPSK	135	0	18.00	18.52	18.96	20.0	0.0
100	PI/2 BPSK	135	69	18.34	18.72	19.18	20.0	0.0
100	PI/2 BPSK	135	138	18.20	18.68	19.11	20.0	0.0
100	PI/2 BPSK	270	0	18.09	18.54	18.92		
100	QPSK	1	1	18.01	18.48	18.82	20.0	0.0
100	QPSK	1	137	18.51	18.94	19.35		
100	QPSK	1	271	16.03	16.42	16.75		
100	QPSK	135	0	18.16	18.68	19.12	20.0	0.0
100	QPSK	135	69	18.42	18.88	19.31		
100	QPSK	135	138	18.42	18.84	19.19		
100	QPSK	270	0	18.28	18.81	19.30	20.0	0.0
100	16QAM	1	1	17.83	18.27	18.74	20.0	0.0
100	64QAM	1	1	17.02	17.60	17.91	19.0	1.0
100	256QAM	1	1	15.03	15.52	16.00	17.0	3.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.40	18.78	19.21	20.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	18.46	18.84	19.28	20.0	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2560	2592.99	2659.98		
60	QPSK	1	1	18.40	18.88	19.21	20.0	0.0
Channel				509424	518598	533988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	18.39	18.79	19.25	20.0	0.0
Channel				510402	518598	535980	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2581.01	2592.99	2670		
40	QPSK	1	1	18.34	18.79	19.32	20.0	0.0
Channel				512400	518598	541956	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2611	2592.99	2674.98		
30	QPSK	1	1	18.35	18.82	19.29	20.0	0.0
Channel				514224	518598	545988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.49	18.87	19.23	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.85	20.88	20.78	22.0	0.0
100	PI/2 BPSK	1	137	20.82	20.97	20.85		
100	PI/2 BPSK	1	271	20.97	21.01	21.05		
100	PI/2 BPSK	135	0	20.83	20.84	20.76	21.5	0.5
100	PI/2 BPSK	135	69	20.76	20.82	20.78	22.0	0.0
100	PI/2 BPSK	135	138	20.84	20.88	20.80	21.5	0.5
100	PI/2 BPSK	270	0	20.70	20.78	20.65		
100	QPSK	1	1	20.78	20.83	20.68	22.0	0.0
100	QPSK	1	137	21.05	21.09	20.93		
100	QPSK	1	271	21.00	21.01	20.86		
100	QPSK	135	0	20.81	20.82	20.73	22.0	0.0
100	QPSK	135	69	20.83	20.88	20.80		
100	QPSK	135	138	20.77	20.87	20.74		
100	QPSK	270	0	19.68	19.71	19.64	21.0	1.0
100	16QAM	1	1	19.83	19.89	19.88	21.0	1.0
100	64QAM	1	1	18.13	18.49	18.46	19.5	2.5
100	256QAM	1	1	16.10	16.25	16.12	17.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	20.94	20.89	22.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.84	20.91	20.95	22.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.88	20.89	20.94	22.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.82	20.90	20.92	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.87	20.90	20.97	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.89	20.90	20.91	22.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.86	20.93	20.92	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.09	24.20	24.10	25.0	0.0
100	PI/2 BPSK	1	137	24.20	24.20	24.11		
100	PI/2 BPSK	1	271	24.24	24.10	24.04		
100	PI/2 BPSK	135	0	23.72	23.73	23.92	24.5	0.5
100	PI/2 BPSK	135	69	24.10	24.22	23.40	25.0	0.0
100	PI/2 BPSK	135	138	23.45	23.68	23.67	24.5	0.5
100	PI/2 BPSK	270	0	23.74	23.73	22.93		
100	QPSK	1	1	23.93	24.18	24.08	25.0	0.0
100	QPSK	1	137	24.07	24.25	24.05		
100	QPSK	1	271	24.16	23.98	23.95		
100	QPSK	135	0	23.77	23.83	23.73	25.0	0.0
100	QPSK	135	69	23.98	24.23	23.63		
100	QPSK	135	138	23.74	23.77	23.75		
100	QPSK	270	0	23.29	23.35	23.34	24.0	1.0
100	16QAM	1	1	23.14	23.20	23.21	24.0	1.0
100	64QAM	1	1	21.66	21.72	21.73	22.5	2.5
100	256QAM	1	1	19.68	19.87	19.86	20.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.98	24.09	24.17	25.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.06	24.05	24.25	25.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.01	24.11	24.16	25.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.94	24.09	24.19	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.00	24.19	24.17	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.00	24.10	24.22	25.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.96	23.97	24.21	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	643332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.96	17.11	16.88	18.0	0.0
40	PI/2 BPSK	1	53	16.96	17.08	16.94		
40	PI/2 BPSK	1	104	16.89	17.08	16.91		
40	PI/2 BPSK	50	0	16.89	17.12	16.94	18.0	0.0
40	PI/2 BPSK	50	26	16.82	17.07	16.86	18.0	0.0
40	PI/2 BPSK	50	50	16.82	17.12	16.86	18.0	0.0
40	PI/2 BPSK	100	0	16.83	17.08	16.88		
40	QPSK	1	1	16.97	17.15	16.96	18.0	0.0
40	QPSK	1	53	16.85	16.99	16.92		
40	QPSK	1	104	16.89	17.03	16.93		
40	QPSK	50	0	16.42	16.60	16.44	18.0	0.0
40	QPSK	50	26	16.78	16.84	16.81		
40	QPSK	50	50	16.51	16.47	16.60		
40	QPSK	100	0	16.44	16.49	16.47	17.0	0.0
40	16QAM	1	1	16.47	16.49	16.48	17.0	0.0
40	64QAM	1	1	16.44	16.53	16.54	15.5	0.0
40	256QAM	1	1	16.42	16.40	16.43	13.5	0.0
Channel				637334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3573.01	3624.99	3681		
20	QPSK	1	1	16.88	17.09	16.85	18.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.89	17.06	16.86	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	P/2-BPSK	1	1	16.25	16.35	16.14	17.0	0.0
100	P/2-BPSK	1	137	16.27	16.35	16.25		
100	P/2-BPSK	1	271	16.28	16.35	16.21		
100	P/2-BPSK	135	0	16.14	16.31	15.98	17.0	0.0
100	P/2-BPSK	135	69	16.17	16.27	16.11	17.0	0.0
100	P/2-BPSK	135	138	16.19	16.22	16.22	17.0	0.0
100	P/2-BPSK	270	0	16.16	16.27	16.05		
100	QPSK	1	1	16.38	16.49	16.32	17.0	0.0
100	QPSK	1	137	16.23	16.29	16.09		
100	QPSK	1	271	16.09	16.29	16.12		
100	QPSK	135	0	16.12	16.08	16.04	17.0	0.0
100	QPSK	135	69	16.16	16.23	16.12		
100	QPSK	135	138	16.12	16.19	16.18		
100	QPSK	270	0	16.24	16.27	16.15	17.0	0.0
100	16QAM	1	1	16.07	16.22	16.05	17.0	0.0
100	64QAM	1	1	16.24	16.27	16.15	17.0	0.0
100	256QAM	1	1	16.27	16.34	16.06	17.0	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	16.27	16.49	16.28	17.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	16.36	16.40	16.31	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742	3840	3940		
70	QPSK	1	1	16.21	16.38	16.27	17.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.02	3840	3940.98		
60	QPSK	1	1	16.28	16.37	16.17	17.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736.01	3840	3943.99		
50	QPSK	1	1	16.21	16.44	16.31	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3950		
40	QPSK	1	1	16.23	16.30	16.14	17.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3716.02	3840.02	3964.98		
30	QPSK	1	1	16.25	16.43	16.28	17.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3713.01	3840	3969.99		
20	QPSK	1	1	16.23	16.33	16.31	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	P/2-BPSK	1	1	19.17	19.25	19.02	20.0	0.0
100	P/2-BPSK	1	137	19.23	19.28	19.13		
100	P/2-BPSK	1	271	19.06	19.20	19.18		
100	P/2-BPSK	135	0	19.06	19.12	18.88	20.0	0.0
100	P/2-BPSK	135	69	19.07	19.08	19.00	20.0	0.0
100	P/2-BPSK	135	138	19.22	19.28	18.97	20.0	0.0
100	P/2-BPSK	270	0	19.04	19.18	19.08		
100	QPSK	1	1	19.24	19.47	19.19	20.0	0.0
100	QPSK	1	137	19.04	19.11	18.96		
100	QPSK	1	271	19.16	19.20	19.03		
100	QPSK	135	0	19.00	19.02	19.13	20.0	0.0
100	QPSK	135	69	19.06	19.21	18.90		
100	QPSK	135	138	18.12	19.12	19.08		
100	QPSK	270	0	19.06	19.12	19.10	20.0	0.0
100	16QAM	1	1	19.08	19.10	18.84	20.0	0.0
100	64QAM	1	1	19.06	19.24	19.04	20.0	0.0
100	256QAM	1	1	19.01	19.19	19.14	20.0	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	19.15	19.31	19.15	20.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	19.21	19.32	19.08	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742	3840	3940		
70	QPSK	1	1	19.11	19.23	19.19	20.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.02	3840	3940.98		
60	QPSK	1	1	19.23	19.31	19.17	20.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736.01	3840	3943.99		
50	QPSK	1	1	19.11	19.22	19.04	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3950		
40	QPSK	1	1	19.16	19.20	19.17	20.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3716.02	3840.02	3964.98		
30	QPSK	1	1	19.08	19.33	19.07	20.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3713.01	3840	3969.99		
20	QPSK	1	1	19.14	19.36	19.12	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.43		17.0	0.0
100	PI/2 BPSK	1	137		16.54			
100	PI/2 BPSK	1	271		16.42			
100	PI/2 BPSK	135	0		16.43		17.0	0.0
100	PI/2 BPSK	135	69		16.44		17.0	0.0
100	PI/2 BPSK	135	138		16.55		17.0	0.0
100	PI/2 BPSK	270	0		16.50			
100	QPSK	1	1		16.57		17.0	0.0
100	QPSK	1	137		16.39			
100	QPSK	1	271		16.38			
100	QPSK	135	0		16.32		17.0	0.0
100	QPSK	135	69		16.35			
100	QPSK	135	138		16.33			
100	QPSK	270	0		16.40		17.0	0.0
100	16QAM	1	1		16.51		17.0	0.0
100	64QAM	1	1		16.32		17.0	0.0
100	256QAM	1	1		16.36		17.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492	3499.98	3508.98		
90	QPSK	1	1	16.52	16.49	16.47	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3483.02	3499.98	3517		
80	QPSK	1	1	16.41	16.50	16.61	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3473.02	3499.98	3526.98		
70	QPSK	1	1	16.44	16.50	16.49	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463	3499.98	3536.98		
60	QPSK	1	1	16.49	16.44	16.43	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3453.02	3499.98	3547		
50	QPSK	1	1	16.51	16.40	16.31	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3443.02	3499.98	3557.98		
40	QPSK	1	1	16.41	16.41	16.48	17.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3433	3499.98	3568.98		
30	QPSK	1	1	16.40	16.51	16.55	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3423.02	3499.98	3580		
20	QPSK	1	1	16.45	16.43	16.55	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.27		20.0	0.0
100	PI/2 BPSK	1	137		19.18			
100	PI/2 BPSK	1	271		19.22			
100	PI/2 BPSK	135	0		19.19		20.0	0.0
100	PI/2 BPSK	135	69		19.19		20.0	0.0
100	PI/2 BPSK	135	138		19.20		20.0	0.0
100	PI/2 BPSK	270	0		19.23			
100	QPSK	1	1		19.32		20.0	0.0
100	QPSK	1	137		19.23			
100	QPSK	1	271		19.31			
100	QPSK	135	0		19.14		20.0	0.0
100	QPSK	135	69		19.25			
100	QPSK	135	138		19.19			
100	QPSK	270	0		19.17		20.0	0.0
100	16QAM	1	1		19.27		20.0	0.0
100	64QAM	1	1		19.14		20.0	0.0
100	256QAM	1	1		19.17		20.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492	3499.98	3508.98		
90	QPSK	1	1	19.15	19.16	19.22	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3483.02	3499.98	3517		
80	QPSK	1	1	19.31	19.16	19.24	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3473.02	3499.98	3526.98		
70	QPSK	1	1	19.24	19.26	19.27	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463	3499.98	3536.98		
60	QPSK	1	1	19.18	19.22	19.32	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3453.02	3499.98	3547		
50	QPSK	1	1	19.21	19.25	19.14	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3443.02	3499.98	3557.98		
40	QPSK	1	1	19.22	19.21	19.26	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3433	3499.98	3568.98		
30	QPSK	1	1	19.31	19.21	19.19	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3423.02	3499.98	3580		
20	QPSK	1	1	19.28	19.20	19.22	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.76	22.91	22.76	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.81	22.78		
100	PI/2 BPSK	1	271	22.75	22.78	22.74		
100	PI/2 BPSK	135	0	22.70	22.72	22.70	23.5	0.5
100	PI/2 BPSK	135	69	22.65	22.70	22.70	24.0	0.0
100	PI/2 BPSK	135	138	22.68	22.67	22.63	23.5	0.5
100	PI/2 BPSK	270	0	22.58	22.62	22.56		
100	QPSK	1	1	22.92	23.00	22.87	24.0	0.0
100	QPSK	1	137	22.81	22.72	22.84		
100	QPSK	1	271	22.16	22.13	22.15		
100	QPSK	135	0	22.19	22.21	22.11	24.0	0.0
100	QPSK	135	69	22.37	22.35	22.28		
100	QPSK	135	138	21.38	21.35	21.32		
100	QPSK	270	0	21.34	21.47	21.33	23.0	1.0
100	16QAM	1	1	21.61	21.69	21.68	23.0	1.0
100	64QAM	1	1	20.20	20.29	20.25	21.5	2.5
100	256QAM	1	1	18.44	18.58	18.54	19.5	4.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
90	QPSK	1	1	22.87	22.93	22.75	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3840	3930.99		
80	QPSK	1	1	22.94	22.99	22.70	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
70	QPSK	1	1	22.92	22.99	22.85	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.01	3840	3929.99		
60	QPSK	1	1	22.96	22.88	22.94	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
50	QPSK	1	1	22.88	22.97	22.89	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	22.95	22.90	22.71	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
30	QPSK	1	1	22.91	22.84	22.95	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3840	3930.99		
20	QPSK	1	1	22.91	22.92	22.87	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.29	25.30	25.15	27.0	0.0
100	PI/2 BPSK	1	137	24.76	24.77	24.64		
100	PI/2 BPSK	1	271	23.90	24.01	23.86		
100	PI/2 BPSK	135	0	24.40	24.45	24.41	26.5	0.5
100	PI/2 BPSK	135	69	24.75	24.78	24.63	27.0	0.0
100	PI/2 BPSK	135	138	23.74	23.88	23.77	26.5	0.5
100	PI/2 BPSK	270	0	24.71	24.28	24.16		
100	QPSK	1	1	25.98	26.08	25.95	27.0	0.0
100	QPSK	1	137	25.65	25.66	25.63		
100	QPSK	1	271	24.63	24.75	24.68		
100	QPSK	135	0	25.87	25.88	25.74	27.0	0.0
100	QPSK	135	69	25.99	26.04	26.02		
100	QPSK	135	138	25.54	25.64	25.65		
100	QPSK	270	0	25.19	25.23	25.22	26.0	1.0
100	16QAM	1	1	24.27	24.38	24.34	26.0	1.0
100	64QAM	1	1	23.08	23.08	22.97	24.5	2.5
100	256QAM	1	1	21.73	21.77	21.62	22.5	4.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
90	QPSK	1	1	25.63	25.90	25.61	27.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3840	3930.99		
80	QPSK	1	1	25.69	25.92	25.69	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
70	QPSK	1	1	25.67	25.97	25.64	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.01	3840	3929.99		
60	QPSK	1	1	25.91	25.64	25.67	27.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
50	QPSK	1	1	25.91	25.95	25.63	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	25.63	25.96	25.63	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
30	QPSK	1	1	25.66	25.66	25.66	27.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3840	3930.99		
20	QPSK	1	1	25.64	25.91	25.69	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		22.72		24.0	0.0
100	P/2-BPSK	1	137		22.83			
100	P/2-BPSK	1	271		22.91			
100	P/2-BPSK	135	0		21.82		23.5	0.5
100	P/2-BPSK	135	69		22.45		24.0	0.0
100	P/2-BPSK	135	138		21.88		23.5	0.5
100	P/2-BPSK	270	0		21.92			
100	QPSK	1	1		23.23		24.0	0.0
100	QPSK	1	137		23.13			
100	QPSK	1	271		23.09			
100	QPSK	135	0		23.14		24.0	0.0
100	QPSK	135	69		23.15			
100	QPSK	135	138		22.69			
100	QPSK	270	0		22.27		23.0	1.0
100	16QAM	1	1		21.26		23.0	1.0
100	64QAM	1	1		19.68		21.5	2.5
100	256QAM	1	1		18.73		19.5	4.5
Channel				632000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3534.98		
90	QPSK	1	1	22.87	22.93	22.94	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3499.98	3535		
80	QPSK	1	1	22.92	22.89	22.88	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3499.98	3539.98		
70	QPSK	1	1	22.97	22.97	22.91	24.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
60	QPSK	1	1	22.90	22.96	22.92	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3499.98	3543		
50	QPSK	1	1	22.97	22.88	22.86	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.85	22.93	22.96	24.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
30	QPSK	1	1	22.92	22.93	22.92	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549		
20	QPSK	1	1	22.92	22.91	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		25.23		27.0	0.0
100	P/2-BPSK	1	137		25.41			
100	P/2-BPSK	1	271		24.92			
100	P/2-BPSK	135	0		24.47		26.5	0.5
100	P/2-BPSK	135	69		25.21		27.0	0.0
100	P/2-BPSK	135	138		24.23		26.5	0.5
100	P/2-BPSK	270	0		24.44			
100	QPSK	1	1		25.63		27.0	0.0
100	QPSK	1	137		25.52			
100	QPSK	1	271		25.28			
100	QPSK	135	0		25.65		27.0	0.0
100	QPSK	135	69		25.88			
100	QPSK	135	138		25.45			
100	QPSK	270	0		25.03		26.0	1.0
100	16QAM	1	1		24.30		26.0	1.0
100	64QAM	1	1		22.72		24.5	2.5
100	256QAM	1	1		21.62		22.5	4.5
Channel				632000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3534.98		
90	QPSK	1	1	25.57	25.67	25.69	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3499.98	3535		
80	QPSK	1	1	25.65	25.61	25.58	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3499.98	3539.98		
70	QPSK	1	1	25.90	25.96	25.49	27.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
60	QPSK	1	1	25.91	25.48	25.53	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3499.98	3543		
50	QPSK	1	1	25.60	25.47	25.44	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.51	25.57	25.57	27.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
30	QPSK	1	1	25.64	25.58	25.43	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549		
20	QPSK	1	1	25.58	25.58	25.53	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	21.67	21.53	21.02	23.0	0.0
100	PI/2-BPSK	1	137	21.08	21.01	20.34		
100	PI/2-BPSK	1	271	20.62	20.55	19.88		
100	PI/2-BPSK	135	0	20.37	20.23	19.64	22.5	0.5
100	PI/2-BPSK	135	69	21.04	20.91	20.27	23.0	0.0
100	PI/2-BPSK	135	138	19.85	19.76	19.17	22.5	0.5
100	PI/2-BPSK	270	0	20.09	19.97	19.37		
100	QPSK	1	1	22.31	22.23	21.68	23.0	0.0
100	QPSK	1	137	21.80	21.73	21.21		
100	QPSK	1	271	21.45	21.33	21.52		
100	QPSK	135	0	22.01	21.88	21.22	23.0	0.0
100	QPSK	135	69	22.06	21.81	21.29		
100	QPSK	135	138	21.18	21.08	21.37		
100	QPSK	270	0	21.41	21.24	20.71	22.0	1.0
100	16QAM	1	1	20.41	20.27	20.63	22.0	1.0
100	64QAM	1	1	18.11	18.06	18.39	20.0	3.0
100	256QAM	1	1	17.38	17.32	16.67	18.5	4.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	22.23	22.16	21.53	23.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.01	3840	3932.99		
80	QPSK	1	1	22.20	22.10	21.53	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	22.16	22.13	21.50	23.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	22.28	22.19	21.61	23.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.01	3840	3938.99		
50	QPSK	1	1	22.26	22.08	21.69	23.0	0.0
Channel				647999	656000	664001	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	22.24	22.22	21.51	23.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.02	3840.00	3941.98		
30	QPSK	1	1	22.25	22.20	21.51	23.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.01	3840	3943.99		
20	QPSK	1	1	22.29	22.20	21.68	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	24.18	23.52	23.35	26.0	0.0
100	PI/2-BPSK	1	137	23.86	23.18	23.08		
100	PI/2-BPSK	1	271	23.07	22.43	22.31		
100	PI/2-BPSK	135	0	23.17	22.53	22.49	25.5	0.5
100	PI/2-BPSK	135	69	23.73	23.07	22.92	26.0	0.0
100	PI/2-BPSK	135	138	22.71	21.98	21.97	25.5	0.5
100	PI/2-BPSK	270	0	23.04	22.31	22.17		
100	QPSK	1	1	25.06	24.37	24.19	26.0	0.0
100	QPSK	1	137	24.51	23.82	23.78		
100	QPSK	1	271	24.13	23.41	23.33		
100	QPSK	135	0	24.34	23.68	23.43	26.0	0.0
100	QPSK	135	69	24.52	23.87	23.74		
100	QPSK	135	138	23.92	23.15	23.12		
100	QPSK	270	0	24.15	23.51	23.34	25.0	1.0
100	16QAM	1	1	23.02	22.40	23.11	25.0	1.0
100	64QAM	1	1	21.82	20.92	20.81	23.5	2.5
100	256QAM	1	1	20.49	19.65	19.69	21.5	4.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	24.94	24.34	24.18	26.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.01	3840	3932.99		
80	QPSK	1	1	25.01	24.27	24.08	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	24.90	24.33	24.08	26.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	24.99	24.24	24.04	26.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.01	3840	3938.99		
50	QPSK	1	1	24.98	24.25	24.07	26.0	0.0
Channel				647999	656000	664001	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	25.01	24.25	24.14	26.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.02	3840.00	3941.98		
30	QPSK	1	1	24.90	24.29	24.11	26.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.01	3840	3943.99		
20	QPSK	1	1	24.98	24.30	24.04	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		21.17		23.0	0.0
100	P/2-BPSK	1	137		20.63			
100	P/2-BPSK	1	271		20.11			
100	P/2-BPSK	135	0		19.76		22.5	0.5
100	P/2-BPSK	135	69		20.49		23.0	0.0
100	P/2-BPSK	135	138		19.37		22.5	0.5
100	P/2-BPSK	270	0		19.04			
100	QPSK	1	1		21.89		23.0	0.0
100	QPSK	1	137		21.33			
100	QPSK	1	271		20.87			
100	QPSK	135	0		21.65		23.0	0.0
100	QPSK	135	69		21.44			
100	QPSK	135	138		20.62			
100	QPSK	270	0		20.67		22.0	1.0
100	16QAM	1	1		20.57		22.0	1.0
100	64QAM	1	1		18.63		20.0	3.0
100	256QAM	1	1		17.15		18.5	4.5
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
90	QPSK	1	1	21.24	21.22	21.32	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496.02	3499.98	3503		
80	QPSK	1	1	21.33	21.29	21.32	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.01	3499.98	3504.98		
70	QPSK	1	1	21.26	21.21	21.25	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
60	QPSK	1	1	21.18	21.21	21.29	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3487.02	3499.98	3513		
50	QPSK	1	1	21.21	21.23	21.34	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.21	21.23	21.23	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.98		
30	QPSK	1	1	21.35	21.32	21.32	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549		
20	QPSK	1	1	21.22	21.26	21.33	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		23.92		26.0	0.0
100	P/2-BPSK	1	137		23.66			
100	P/2-BPSK	1	271		22.83			
100	P/2-BPSK	135	0		22.97		25.5	0.5
100	P/2-BPSK	135	69		23.48		26.0	0.0
100	P/2-BPSK	135	138		22.37		25.5	0.5
100	P/2-BPSK	270	0		22.56			
100	QPSK	1	1		24.79		26.0	0.0
100	QPSK	1	137		24.24			
100	QPSK	1	271		23.51			
100	QPSK	135	0		24.01		26.0	0.0
100	QPSK	135	69		24.26			
100	QPSK	135	138		23.03			
100	QPSK	270	0		23.05		25.0	1.0
100	16QAM	1	1		22.74		25.0	1.0
100	64QAM	1	1		21.27		23.5	2.5
100	256QAM	1	1		20.72		21.5	4.5
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
90	QPSK	1	1	24.08	24.40	24.68	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496.02	3499.98	3503		
80	QPSK	1	1	24.57	24.53	24.60	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.01	3499.98	3504.98		
70	QPSK	1	1	24.52	24.53	24.65	26.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
60	QPSK	1	1	24.65	24.53	24.68	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3487.02	3499.98	3513		
50	QPSK	1	1	24.53	24.53	24.60	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.57	24.57	24.68	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.98		
30	QPSK	1	1	24.55	24.58	24.63	26.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549		
20	QPSK	1	1	24.64	24.60	24.68	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	22.11	22.03	21.35	23.0	0.0
100	PI/2-BPSK	1	137	22.25	22.13	21.53		
100	PI/2-BPSK	1	271	21.71	21.57	20.89		
100	PI/2-BPSK	135	0	22.04	21.86	21.43	22.5	0.5
100	PI/2-BPSK	135	69	21.83	21.73	21.06	23.0	0.0
100	PI/2-BPSK	135	138	21.58	21.55	20.95	22.5	0.5
100	PI/2-BPSK	270	0	21.75	21.72	21.07		
100	QPSK	1	1	22.34	22.25	21.71	23.0	0.0
100	QPSK	1	137	22.14	22.05	21.40		
100	QPSK	1	271	21.18	21.07	20.51		
100	QPSK	135	0	21.47	21.28	20.87	23.0	0.0
100	QPSK	135	69	21.89	21.76	21.12		
100	QPSK	135	138	20.92	20.81	20.22		
100	QPSK	270	0	21.38	21.21	20.70	22.0	1.0
100	16QAM	1	1	21.76	21.61	21.04	22.0	1.0
100	64QAM	1	1	20.25	20.11	19.57	20.5	2.5
100	256QAM	1	1	18.90	18.75	18.12	18.5	4.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	22.30	22.09	21.42	23.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	22.20	22.13	21.63	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	22.28	22.23	21.62	23.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	22.25	22.19	21.60	23.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	22.28	22.22	21.60	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	22.16	22.14	21.54	23.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	22.24	22.16	21.57	23.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	22.20	22.23	21.58	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	25.06	24.03	23.46	26.0	0.0
100	PI/2-BPSK	1	137	24.75	24.32	23.65		
100	PI/2-BPSK	1	271	24.50	24.12	22.95		
100	PI/2-BPSK	135	0	24.52	23.68	22.69	25.5	0.5
100	PI/2-BPSK	135	69	24.04	24.17	23.11	26.0	0.0
100	PI/2-BPSK	135	138	23.28	22.83	21.70	25.5	0.5
100	PI/2-BPSK	270	0	24.08	23.32	21.78		
100	QPSK	1	1	25.07	24.61	23.47	26.0	0.0
100	QPSK	1	137	24.27	23.92	22.81		
100	QPSK	1	271	23.44	23.05	21.93		
100	QPSK	135	0	23.74	23.37	22.24	26.0	0.0
100	QPSK	135	69	24.44	24.06	22.93		
100	QPSK	135	138	23.36	22.71	21.74		
100	QPSK	270	0	23.61	23.24	22.19	25.0	1.0
100	16QAM	1	1	24.14	23.70	22.61	25.0	1.0
100	64QAM	1	1	22.42	22.08	21.38	23.5	2.5
100	256QAM	1	1	20.73	20.67	20.00	21.5	4.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	24.06	24.01	23.35	26.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	23.95	24.47	23.35	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	24.89	24.53	23.32	26.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	24.66	24.43	23.48	26.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	25.06	24.45	23.36	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	24.95	24.54	23.29	26.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	24.56	24.54	23.44	26.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	25.03	24.45	23.35	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		22.39		23.0	0.0
100	P/2-BPSK	1	137		22.45			
100	P/2-BPSK	1	271		21.88			
100	P/2-BPSK	135	0		22.24		22.5	0.5
100	P/2-BPSK	135	69		21.97		23.0	0.0
100	P/2-BPSK	135	138		21.70		22.5	0.5
100	P/2-BPSK	270	0		22.02			
100	QPSK	1	1		22.53		23.0	0.0
100	QPSK	1	137		22.32			
100	QPSK	1	271		21.83			
100	QPSK	135	0		21.98		23.0	0.0
100	QPSK	135	69		22.07			
100	QPSK	135	138		20.83			
100	QPSK	270	0		21.68		22.0	1.0
100	16QAM	1	1		22.02		22.0	1.0
100	64QAM	1	1		20.42		20.5	2.5
100	256QAM	1	1		18.55		18.5	4.0
Channel				630000	630332	630664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
90	QPSK	1	1	22.43	22.39	22.44	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3499.98	3535		
80	QPSK	1	1	22.51	22.53	22.51	23.0	0.0
Channel				633334	634332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3534.98		
70	QPSK	1	1	22.39	22.50	22.40	23.0	0.0
Channel				634000	635332	636664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
60	QPSK	1	1	22.33	22.39	22.51	23.0	0.0
Channel				634668	636332	638000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3499.98	3535		
50	QPSK	1	1	22.43	22.48	22.51	23.0	0.0
Channel				635334	637332	639332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.44	22.40	22.44	23.0	0.0
Channel				635668	638332	639000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3468	3499.98	3534.98		
30	QPSK	1	1	22.40	22.44	22.45	23.0	0.0
Channel				636668	639332	640000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3499.98	3540		
20	QPSK	1	1	22.48	22.45	22.53	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		24.42		26.0	0.0
100	P/2-BPSK	1	137		24.63			
100	P/2-BPSK	1	271		24.28			
100	P/2-BPSK	135	0		23.68		25.5	0.5
100	P/2-BPSK	135	69		24.42		26.0	0.0
100	P/2-BPSK	135	138		23.03		25.5	0.5
100	P/2-BPSK	270	0		24.41			
100	QPSK	1	1		24.67		26.0	0.0
100	QPSK	1	137		24.07			
100	QPSK	1	271		23.29			
100	QPSK	135	0		23.68		26.0	0.0
100	QPSK	135	69		24.32			
100	QPSK	135	138		23.05			
100	QPSK	270	0		23.37		25.0	1.0
100	16QAM	1	1		24.03		25.0	1.0
100	64QAM	1	1		22.28		23.5	2.5
100	256QAM	1	1		20.57		21.5	4.0
Channel				630000	633332	636664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
90	QPSK	1	1	24.76	24.73	24.63	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3499.98	3535		
80	QPSK	1	1	24.73	24.83	24.73	26.0	0.0
Channel				633334	634332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3534.98		
70	QPSK	1	1	24.77	24.70	24.85	26.0	0.0
Channel				634000	635332	636664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
60	QPSK	1	1	24.81	24.78	24.71	26.0	0.0
Channel				634668	636332	638000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3499.98	3535		
50	QPSK	1	1	24.74	24.71	24.76	26.0	0.0
Channel				635334	637332	639332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.76	24.81	24.76	26.0	0.0
Channel				635668	638332	639000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3468	3499.98	3534.98		
30	QPSK	1	1	24.81	24.76	24.81	26.0	0.0
Channel				636668	639332	640000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3466.02	3499.98	3540		
20	QPSK	1	1	24.74	24.75	24.85	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3700			
100	PI/2-BPSK	1	1		16.26		17.0	0.0
100	PI/2-BPSK	1	137		16.41			
100	PI/2-BPSK	1	271		16.33			
100	PI/2-BPSK	135	0		16.20		17.0	0.0
100	PI/2-BPSK	135	69		16.08		17.0	0.0
100	PI/2-BPSK	135	138		16.37		17.0	0.0
100	PI/2-BPSK	270	0		16.17			
100	QPSK	1	1		16.44		17.0	0.0
100	QPSK	1	137		16.23			
100	QPSK	1	271		16.31			
100	QPSK	135	0		16.17		17.0	0.0
100	QPSK	135	69		16.33			
100	QPSK	135	138		16.31			
100	QPSK	270	0		16.24		17.0	0.0
100	16QAM	1	1		16.17		17.0	0.0
100	64QAM	1	1		16.31		17.0	0.0
100	256QAM	1	1		16.21		17.0	0.0
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3750.98		
90	QPSK	1	1	16.32	16.29	16.29	17.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.01	3750	3751.99		
80	QPSK	1	1	16.39	16.42	16.28	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755		
70	QPSK	1	1	16.33	16.27	16.35	17.0	0.0
Channel				648666	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3741.02	3750	3758.98		
60	QPSK	1	1	16.35	16.30	16.35	17.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.01	3750	3761.99		
50	QPSK	1	1	16.33	16.35	16.39	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
40	QPSK	1	1	16.31	16.26	16.37	17.0	0.0
Channel				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3750.00	3768.98		
30	QPSK	1	1	16.29	16.34	16.39	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3750	3771.99		
20	QPSK	1	1	16.35	16.31	16.40	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		16.21		17.0	0.0
100	PI/2-BPSK	1	137		16.31			
100	PI/2-BPSK	1	271		16.15			
100	PI/2-BPSK	135	0		16.03		17.0	0.0
100	PI/2-BPSK	135	68		16.02		17.0	0.0
100	PI/2-BPSK	135	138		16.31		17.0	0.0
100	PI/2-BPSK	270	0		16.04			
100	QPSK	1	1		16.34		17.0	0.0
100	QPSK	1	137		16.15			
100	QPSK	1	271		16.28			
100	QPSK	135	0		16.14		17.0	0.0
100	QPSK	135	68		16.29			
100	QPSK	135	138		16.27			
100	QPSK	270	0		16.08		17.0	0.0
100	16QAM	1	1		16.13		17.0	0.0
100	64QAM	1	1		16.22		17.0	0.0
100	256QAM	1	1		16.10		17.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3498	3499.98	3501.98		
90	QPSK	1	1	16.18	16.29	16.17	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496.02	3499.98	3503		
80	QPSK	1	1	16.26	16.17	16.16	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3493.01	3499.98	3504.98		
70	QPSK	1	1	16.25	16.22	16.11	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3510.98		
60	QPSK	1	1	16.19	16.32	16.16	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3487.02	3499.98	3513		
50	QPSK	1	1	16.27	16.25	16.21	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3484.01	3499.98	3515.98		
40	QPSK	1	1	16.23	16.23	16.19	17.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98		
30	QPSK	1	1	16.26	16.22	16.16	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3476.02	3499.98	3524		
20	QPSK	1	1	16.14	16.19	16.18	17.0	0.0

Reduced Power Mode for DSI 2 Simultaneous

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1880	1880	1900		
20	PI/2 BPSK	1	1	23.14	23.19	23.11	24.0	0.0
20	PI/2 BPSK	1	53	23.09	23.15	23.02		
20	PI/2 BPSK	1	104	23.05	23.17	23.14		
20	PI/2 BPSK	50	0	22.45	22.60	22.54	23.5	0.5
20	PI/2 BPSK	50	28	23.14	23.16	23.05	24.0	0.0
20	PI/2 BPSK	50	56	22.49	22.64	22.56	23.5	0.5
20	PI/2 BPSK	100	0	22.56	22.69	22.68		
20	QPSK	1	1	22.98	23.31	23.10	24.0	0.0
20	QPSK	1	53	23.06	23.09	22.95		
20	QPSK	1	104	23.07	23.12	23.08		
20	QPSK	50	0	22.08	22.21	22.17	24.0	0.0
20	QPSK	50	28	23.09	23.17	23.10	24.0	0.0
20	QPSK	50	56	22.10	22.13	22.09	24.0	0.0
20	QPSK	100	0	22.03	22.16	22.02		
20	16QAM	1	1	22.15	22.27	22.23	23.0	1.0
20	64QAM	1	1	20.45	20.57	20.42	21.5	2.5
20	256QAM	1	1	18.57	18.62	18.55	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.07	23.17	23.03	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.22	23.28	23.17	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.24	23.30	23.27	24.0	0.0

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1880	1880	1900		
20	PI/2 BPSK	1	1	14.87	14.76	14.81	15.5	0.0
20	PI/2 BPSK	1	53	14.70	14.96	14.93		
20	PI/2 BPSK	1	104	14.78	14.85	14.85		
20	PI/2 BPSK	50	0	14.63	14.79	14.71	15.5	0.0
20	PI/2 BPSK	50	28	14.76	14.74	14.63	15.5	0.0
20	PI/2 BPSK	50	56	14.83	14.89	14.77	15.5	0.0
20	PI/2 BPSK	100	0	14.71	14.74	14.60		
20	QPSK	1	1	14.68	14.98	14.79	15.5	0.0
20	QPSK	1	53	14.61	14.86	14.71		
20	QPSK	1	104	14.64	14.87	14.73		
20	QPSK	50	0	14.52	14.86	14.62	15.5	0.0
20	QPSK	50	28	14.74	14.91	14.79	15.5	0.0
20	QPSK	50	56	14.67	14.84	14.57	15.5	0.0
20	QPSK	100	0	14.60	14.89	14.60		
20	16QAM	1	1	14.50	14.87	14.52	15.5	0.0
20	64QAM	1	1	14.30	14.90	14.34	15.5	0.0
20	256QAM	1	1	14.58	14.85	14.54	15.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.80	14.77	14.75	15.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.91	14.74	14.77	15.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.85	14.70	14.78	15.5	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.12	23.09	23.18	24.0	0.0
20	PI/2 BPSK	1	53	22.99	23.06	22.99		
20	PI/2 BPSK	1	104	22.92	23.01	22.96		
20	PI/2 BPSK	50	0	22.45	22.58	22.55	23.5	0.5
20	PI/2 BPSK	50	28	22.97	23.04	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.30	22.45	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.55	22.47		
20	QPSK	1	1	22.85	23.20	22.91	24.0	0.0
20	QPSK	1	53	22.96	23.02	23.00		
20	QPSK	1	104	22.85	22.96	22.94		
20	QPSK	50	0	21.97	22.10	22.07	23.0	1.0
20	QPSK	50	28	22.90	22.97	22.94	24.0	0.0
20	QPSK	50	56	21.80	21.91	21.79	23.0	1.0
20	QPSK	100	0	21.87	22.00	21.88		
20	16QAM	1	1	22.09	22.13	22.06	23.0	1.0
20	64QAM	1	1	20.54	20.57	20.50	21.5	2.5
20	256QAM	1	1	18.65	18.72	18.66	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.13	23.11	24.0	0.0
Channel				165850	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.91	23.04	23.00	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.17	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.56	21.52	21.58	22.5	0.0
20	PI/2 BPSK	1	53	21.40	21.42	21.32		
20	PI/2 BPSK	1	104	21.36	21.37	21.25		
20	PI/2 BPSK	50	0	21.48	21.53	21.49	22.5	0.0
20	PI/2 BPSK	50	28	21.29	21.38	21.35	22.5	0.0
20	PI/2 BPSK	50	56	21.24	21.35	21.26	22.5	0.0
20	PI/2 BPSK	100	0	21.27	21.45	21.38		
20	QPSK	1	1	21.34	21.66	21.33	22.5	0.0
20	QPSK	1	53	21.38	21.43	21.46		
20	QPSK	1	104	21.27	21.40	21.35		
20	QPSK	50	0	20.37	20.44	20.49	22.5	0.0
20	QPSK	50	28	21.32	21.35	21.20	22.5	0.0
20	QPSK	50	56	20.97	21.11	20.99	22.5	0.0
20	QPSK	100	0	21.05	21.15	21.09		
20	16QAM	1	1	20.20	20.28	20.27	22.5	0.0
20	64QAM	1	1	19.97	20.12	19.90	21.5	1.0
20	256QAM	1	1	18.09	18.14	18.04	19.5	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.55	21.52	21.65	22.5	0.0
Channel				165850	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.49	21.54	21.63	22.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.57	21.45	21.65	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.03	21.05	20.95	22.0	0.0
40	PI/2 BPSK	1	108	20.96	20.98	20.92		
40	PI/2 BPSK	1	214	21.04	21.01	21.04		
40	PI/2 BPSK	108	0	21.06	21.22	21.00	22.0	0.0
40	PI/2 BPSK	108	54	20.60	20.61	20.71	22.0	0.0
40	PI/2 BPSK	108	108	19.86	19.90	19.81	22.0	0.0
40	PI/2 BPSK	216	0	19.91	19.96	19.93		
40	QPSK	1	1	21.06	21.25	21.01	22.0	0.0
40	QPSK	1	108	20.86	20.93	20.79		
40	QPSK	1	214	20.82	20.93	20.81		
40	QPSK	108	0	19.86	19.89	19.86	22.0	0.0
40	QPSK	108	54	20.88	20.96	20.89	22.0	0.0
40	QPSK	108	108	20.72	20.86	20.85	22.0	0.0
40	QPSK	216	0	20.83	20.88	20.76		
40	16QAM	1	1	20.37	20.45	20.41	22.0	0.0
40	64QAM	1	1	20.31	20.42	20.40	21.5	0.5
40	256QAM	1	1	18.49	18.55	18.41	19.5	2.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.02	21.13	20.93	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.00	21.24	20.97	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.98	21.16	20.93	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.04	21.20	20.94	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.95	21.22	21.00	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.99	21.16	20.92	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.25	14.58	14.40	15.5	0.0
40	PI/2 BPSK	1	108	14.38	14.42	14.31		
40	PI/2 BPSK	1	214	14.43	14.37	14.38		
40	PI/2 BPSK	108	0	14.30	14.37	14.24	15.5	0.0
40	PI/2 BPSK	108	54	14.50	14.33	14.45	15.5	0.0
40	PI/2 BPSK	108	108	14.28	14.42	14.38	15.5	0.0
40	PI/2 BPSK	216	0	14.43	14.42	14.34		
40	QPSK	1	1	14.64	14.72	14.54	15.5	0.0
40	QPSK	1	108	14.56	14.50	14.49		
40	QPSK	1	214	14.49	13.88	14.27		
40	QPSK	108	0	14.31	14.48	14.39	15.5	0.0
40	QPSK	108	54	14.54	14.71	14.34	15.5	0.0
40	QPSK	108	108	14.38	14.49	14.24	15.5	0.0
40	QPSK	216	0	14.46	14.58	14.27		
40	16QAM	1	1	14.59	14.64	14.31	15.5	0.0
40	64QAM	1	1	14.39	14.51	14.37	15.5	0.0
40	256QAM	1	1	14.50	14.47	14.41	15.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.41	14.58	14.47	15.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.43	14.64	14.49	15.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.43	14.66	14.52	15.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.51	14.66	14.52	15.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.51	14.58	14.52	15.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.43	14.61	14.52	15.5	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.11	23.09	23.02	24.0	0.0
15	PI/2 BPSK	1	49	22.85	22.94	22.91		
15	PI/2 BPSK	1	77	22.82	22.83	22.70		
15	PI/2 BPSK	36	0	22.28	22.39	22.26	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.76	22.70	24.0	0.0
15	PI/2 BPSK	36	43	22.22	22.26	22.16	23.5	0.5
15	PI/2 BPSK	75	0	22.33	22.35	22.27		
15	QPSK	1	1	22.92	23.12	22.93	24.0	0.0
15	QPSK	1	49	22.78	22.80	22.76		
15	QPSK	1	77	22.56	22.67	22.62		
15	QPSK	36	0	21.75	21.90	21.88	23.0	1.0
15	QPSK	36	22	22.74	22.81	22.80	24.0	0.0
15	QPSK	36	43	21.74	21.75	21.68	23.0	1.0
15	QPSK	75	0	21.74	21.84	21.79		
15	16QAM	1	1	21.96	22.11	22.08	23.0	1.0
15	64QAM	1	1	20.60	20.66	20.61	21.5	2.5
15	256QAM	1	1	18.66	18.67	18.58	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.95	23.00	22.88	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.93	23.06	22.98	24.0	0.0

n12_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.08	23.11	23.05	24.0	0.0
15	PI/2 BPSK	1	49	22.86	22.98	22.88		
15	PI/2 BPSK	1	77	22.83	22.96	22.83		
15	PI/2 BPSK	36	0	22.67	22.92	22.76	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.71	22.60	24.0	0.0
15	PI/2 BPSK	36	43	22.84	22.71	22.90	23.5	0.5
15	PI/2 BPSK	75	0	22.62	22.76	22.61		
15	QPSK	1	1	23.07	23.13	23.04	24.0	0.0
15	QPSK	1	49	22.77	22.87	22.77		
15	QPSK	1	77	22.76	22.72	22.61		
15	QPSK	36	0	22.01	22.09	21.98	23.0	1.0
15	QPSK	36	22	22.78	22.81	22.67	24.0	0.0
15	QPSK	36	43	21.79	21.94	21.82	23.0	1.0
15	QPSK	75	0	21.86	22.01	21.88		
15	16QAM	1	1	22.31	22.41	22.38	23.0	1.0
15	64QAM	1	1	20.55	20.50	20.32	21.5	2.5
15	256QAM	1	1	18.79	18.82	18.66	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.01	23.01	23.02	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.04	23.12	23.06	24.0	0.0

n14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158900			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.29		24.0	0.0
10	PI/2 BPSK	1	26		23.24			
10	PI/2 BPSK	1	50		23.26			
10	PI/2 BPSK	25	0		22.79		23.5	0.5
10	PI/2 BPSK	25	14		23.26		24.0	0.0
10	PI/2 BPSK	25	27		22.77		23.5	0.5
10	PI/2 BPSK	50	0		22.79			
10	QPSK	1	1		23.31		24.0	0.0
10	QPSK	1	26		23.29			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.19		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.22		23.0	1.0
10	QPSK	50	0		22.27			
10	16QAM	1	1		22.36		23.0	1.0
10	64QAM	1	1		20.95		21.5	2.5
10	256QAM	1	1		18.69		19.5	4.5
Channel				158100	158900	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.27	23.24	23.27	24.0	0.0

n14_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158900			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.10		24.0	0.0
10	PI/2 BPSK	1	26		23.15			
10	PI/2 BPSK	1	50		23.14			
10	PI/2 BPSK	25	0		22.74		23.5	0.5
10	PI/2 BPSK	25	14		23.09		24.0	0.0
10	PI/2 BPSK	25	27		22.61		23.5	0.5
10	PI/2 BPSK	50	0		22.69			
10	QPSK	1	1		23.17		24.0	0.0
10	QPSK	1	26		23.11			
10	QPSK	1	50		23.07			
10	QPSK	25	0		22.23		23.0	1.0
10	QPSK	25	14		23.12		24.0	0.0
10	QPSK	25	27		22.16		23.0	1.0
10	QPSK	50	0		22.18			
10	16QAM	1	1		22.21		23.0	1.0
10	64QAM	1	1		20.64		21.5	2.5
10	256QAM	1	1		18.65		19.5	4.5
Channel				158100	158900	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.11	23.16	23.10	24.0	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.20	23.22	23.12	24.0	0.0
40	PI/2 BPSK	1	108	23.24	23.27	23.14		
40	PI/2 BPSK	1	214	23.27	23.30	23.15		
40	PI/2 BPSK	108	0	22.64	22.72	22.69	23.5	0.5
40	PI/2 BPSK	108	54	23.10	23.23	23.16	24.0	0.0
40	PI/2 BPSK	108	108	22.50	22.64	22.61	23.5	0.5
40	PI/2 BPSK	216	0	22.64	22.68	22.57		
40	QPSK	1	1	23.35	23.39	23.23	24.0	0.0
40	QPSK	1	108	23.11	23.21	23.11		
40	QPSK	1	214	23.21	23.35	23.26		
40	QPSK	108	0	22.13	22.20	22.09	23.0	1.0
40	QPSK	108	54	23.14	23.27	23.21	24.0	0.0
40	QPSK	108	108	22.03	22.14	22.05	23.0	1.0
40	QPSK	216	0	22.13	22.18	22.15		
40	16QAM	1	1	22.23	22.35	22.34	23.0	1.0
40	64QAM	1	1	20.71	20.81	20.72	21.5	2.5
40	256QAM	1	1	18.10	19.12	18.04	19.5	4.5
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.24	23.30	23.15	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.20	23.33	23.22	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.17	23.32	23.24	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.22	23.27	23.19	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.28	23.36	23.26	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.17	23.34	23.27	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	14.53	14.69	14.55	15.5	0.0
40	PI/2 BPSK	1	108	14.56	14.63	14.53		
40	PI/2 BPSK	1	214	14.47	14.57	14.53		
40	PI/2 BPSK	108	0	14.55	14.81	14.69	15.5	0.0
40	PI/2 BPSK	108	54	14.52	14.54	14.66	15.5	0.0
40	PI/2 BPSK	108	108	14.62	14.68	14.68	15.5	0.0
40	PI/2 BPSK	216	0	14.58	14.86	14.60		
40	QPSK	1	1	14.88	14.99	14.97	15.5	0.0
40	QPSK	1	108	14.79	14.88	14.85		
40	QPSK	1	214	14.74	14.71	14.72		
40	QPSK	108	0	14.40	14.41	14.29	15.5	0.0
40	QPSK	108	54	14.73	14.75	14.68	15.5	0.0
40	QPSK	108	108	14.74	14.74	14.68	15.5	0.0
40	QPSK	216	0	14.70	14.80	14.74		
40	16QAM	1	1	14.73	14.86	14.80	15.5	0.0
40	64QAM	1	1	14.69	14.76	14.83	15.5	0.0
40	256QAM	1	1	14.72	14.85	14.83	15.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	14.57	14.68	14.64	15.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	14.61	14.64	14.55	15.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	14.53	14.61	14.55	15.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	14.61	14.71	14.58	15.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	14.55	14.69	14.64	15.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	14.59	14.69	14.62	15.5	0.0

n26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.15	23.13	23.11	24.0	0.0
20	PI/2 BPSK	1	53	22.97	23.02	22.91		
20	PI/2 BPSK	1	104	22.90	23.00	22.88		
20	PI/2 BPSK	50	0	22.61	22.63	22.62	23.5	0.5
20	PI/2 BPSK	50	28	23.00	23.05	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.39	22.45	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.46	22.53	22.42		
20	QPSK	1	1	23.17	23.23	23.17	24.0	0.0
20	QPSK	1	53	23.10	23.21	23.18		
20	QPSK	1	104	23.05	23.17	23.08		
20	QPSK	50	0	21.99	22.11	22.07	23.0	1.0
20	QPSK	50	28	22.94	23.03	23.00	24.0	0.0
20	QPSK	50	56	21.91	22.00	21.88	23.0	1.0
20	QPSK	100	0	21.95	22.04	21.97		
20	16QAM	1	1	21.99	22.08	22.07	23.0	1.0
20	64QAM	1	1	20.55	20.63	20.59	21.5	2.5
20	256QAM	1	1	18.77	18.85	18.77	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.07	23.14	23.05	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.08	23.05	23.13	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.10	23.13	23.02	24.0	0.0

n26_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.56	21.65	21.51	22.5	0.0
20	PI/2 BPSK	1	53	21.52	21.57	21.60		
20	PI/2 BPSK	1	104	21.47	21.46	21.50		
20	PI/2 BPSK	50	0	21.19	21.21	21.13	22.5	0.0
20	PI/2 BPSK	50	28	21.58	21.61	21.56	22.5	0.0
20	PI/2 BPSK	50	56	21.45	21.56	21.51	22.5	0.0
20	PI/2 BPSK	100	0	21.01	21.29	21.19		
20	QPSK	1	1	21.83	21.91	21.72	22.5	0.0
20	QPSK	1	53	21.70	21.68	21.67		
20	QPSK	1	104	21.50	21.58	21.45		
20	QPSK	50	0	20.83	20.76	20.73	22.5	0.0
20	QPSK	50	28	21.67	21.71	21.68	22.5	0.0
20	QPSK	50	56	21.62	20.72	21.51	22.5	0.0
20	QPSK	100	0	20.51	20.72	20.68		
20	16QAM	1	1	20.49	20.80	20.90	22.5	0.0
20	64QAM	1	1	19.13	19.10	19.11	21.5	1.0
20	256QAM	1	1	17.70	17.66	17.62	19.5	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.51	21.67	21.49	22.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.59	21.59	21.56	22.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.57	21.64	21.50	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.34		24.0	0.0
10	PI/2 BPSK	1	26		23.32			
10	PI/2 BPSK	1	50		23.22			
10	PI/2 BPSK	25	0		22.63		23.5	0.5
10	PI/2 BPSK	25	14		23.30		24.0	0.0
10	PI/2 BPSK	25	27		22.75		23.5	0.5
10	PI/2 BPSK	50	0		22.62			
10	QPSK	1	1		23.39		24.0	0.0
10	QPSK	1	26		23.31			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.29		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.15		23.0	1.0
10	QPSK	50	0		22.26			
10	16QAM	1	1		22.39		23.0	1.0
10	64QAM	1	1		20.85		21.5	2.5
10	256QAM	1	1		18.85		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.30	23.35	23.33	24.0	0.0

n30_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		13.96		15.0	0.0
10	PI/2 BPSK	1	26		13.83			
10	PI/2 BPSK	1	50		14.00			
10	PI/2 BPSK	25	0		12.19		15.0	0.0
10	PI/2 BPSK	25	14		13.89		15.0	0.0
10	PI/2 BPSK	25	27		13.31		15.0	0.0
10	PI/2 BPSK	50	0		13.34			
10	QPSK	1	1		14.35		15.0	0.0
10	QPSK	1	26		13.91			
10	QPSK	1	50		13.93			
10	QPSK	25	0		13.82		15.0	0.0
10	QPSK	25	14		14.14		15.0	0.0
10	QPSK	25	27		13.83		15.0	0.0
10	QPSK	50	0		14.22			
10	16QAM	1	1		14.07		15.0	0.0
10	64QAM	1	1		14.18		15.0	0.0
10	256QAM	1	1		14.24		15.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	13.96	13.96	13.94	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.34	23.30	23.32		
40	PI/2 BPSK	1	108	23.24	23.35	23.35	24.0	0.0
40	PI/2 BPSK	1	214	23.35	23.37	23.29		
40	PI/2 BPSK	108	0	22.77	22.80	22.72	23.5	0.5
40	PI/2 BPSK	108	54	23.15	23.27	23.16	24.0	0.0
40	PI/2 BPSK	108	108	22.87	22.93	22.87	23.5	0.5
40	PI/2 BPSK	216	0	22.74	22.85	22.79		
40	QPSK	1	1	23.28	23.39	23.26		
40	QPSK	1	108	23.17	23.29	23.18	24.0	0.0
40	QPSK	1	214	23.31	23.38	23.33		
40	QPSK	108	0	22.36	22.37	22.28	23.0	1.0
40	QPSK	108	54	23.32	23.34	23.23	24.0	0.0
40	QPSK	108	108	22.28	22.32	22.31	23.0	1.0
40	QPSK	216	0	22.21	22.28	22.16		
40	16QAM	1	1	22.28	22.32	22.23	23.0	1.0
40	64QAM	1	1	20.93	21.00	20.95	21.5	2.5
40	256QAM	1	1	18.95	19.00	18.91	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.28	23.34	23.26	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.24	23.34	23.25	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.27	23.38	23.33	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.27	23.32	23.25	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.22	23.31	23.26	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.85	17.98	17.87		
40	PI/2 BPSK	1	108	17.90	17.98	17.93	19.0	0.0
40	PI/2 BPSK	1	214	17.89	17.79	17.77		
40	PI/2 BPSK	108	0	17.59	17.57	17.54	19.0	0.0
40	PI/2 BPSK	108	54	17.76	17.84	17.60	19.0	0.0
40	PI/2 BPSK	108	108	17.48	17.57	17.56	19.0	0.0
40	PI/2 BPSK	216	0	17.42	17.72	17.65		
40	QPSK	1	1	18.00	18.07	18.06		
40	QPSK	1	108	17.85	17.93	18.00	19.0	0.0
40	QPSK	1	214	17.89	18.01	17.90		
40	QPSK	108	0	17.44	17.72	17.53	19.0	0.0
40	QPSK	108	54	17.60	17.99	17.68	19.0	0.0
40	QPSK	108	108	17.48	17.57	17.57	19.0	0.0
40	QPSK	216	0	17.81	17.91	17.66		
40	16QAM	1	1	17.63	17.93	17.92	19.0	0.0
40	64QAM	1	1	17.51	17.66	17.55	19.0	0.0
40	256QAM	1	1	17.57	17.66	17.51	19.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.86	17.93	17.85	19.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.84	18.01	17.82	19.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.87	17.91	17.82	19.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.85	17.96	17.90	19.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.91	18.00	17.85	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.34			
15	PI/2 BPSK	1	40		23.35		24.0	0.0
15	PI/2 BPSK	1	77		23.36			
15	PI/2 BPSK	36	0		22.84		23.5	0.5
15	PI/2 BPSK	36	22		23.32		24.0	0.0
15	PI/2 BPSK	36	43		22.81		23.5	0.5
15	PI/2 BPSK	75	0		22.80			
15	QPSK	1	1		23.38			
15	QPSK	1	40		23.26		24.0	0.0
15	QPSK	1	77		23.25			
15	QPSK	36	0		22.28		23.0	1.0
15	QPSK	36	22		23.27		24.0	0.0
15	QPSK	36	43		22.22		23.0	1.0
15	QPSK	75	0		22.24			
15	16QAM	1	1		22.30		23.0	1.0
15	64QAM	1	1		20.79		21.5	2.5
15	256QAM	1	1		18.82		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.36	23.34	23.33	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.27	23.36	23.25	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		19.32			
15	PI/2 BPSK	1	40		19.36		20.0	0.0
15	PI/2 BPSK	1	77		19.33			
15	PI/2 BPSK	36	0		19.32		20.0	0.0
15	PI/2 BPSK	36	22		19.22		20.0	0.0
15	PI/2 BPSK	36	43		19.21		20.0	0.0
15	PI/2 BPSK	75	0		19.38			
15	QPSK	1	1		19.39			
15	QPSK	1	40		19.36		20.0	0.0
15	QPSK	1	77		19.36			
15	QPSK	36	0		19.23		20.0	0.0
15	QPSK	36	22		19.31		20.0	0.0
15	QPSK	36	43		19.28		20.0	0.0
15	QPSK	75	0		19.18			
15	16QAM	1	1		19.21		20.0	0.0
15	64QAM	1	1		19.16		20.0	0.0
15	256QAM	1	1		18.72		19.5	0.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
5	QPSK	1	1	19.35	19.31	19.34	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	19.29	19.31	19.28	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.14	23.09	23.00	24.0	0.0
20	PI/2 BPSK	1	53	22.87	22.98	22.88		
20	PI/2 BPSK	1	104	22.87	22.96	22.93		
20	PI/2 BPSK	50	0	22.56	22.60	22.53	23.5	0.5
20	PI/2 BPSK	50	28	22.93	22.96	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.35	22.41	22.38	23.5	0.5
20	PI/2 BPSK	100	0	22.38	22.49	22.48		
20	QPSK	1	1	23.18	23.20	23.14	24.0	0.0
20	QPSK	1	53	22.87	22.89	22.80		
20	QPSK	1	104	22.82	22.92	22.89		
20	QPSK	50	0	21.93	22.04	21.95	23.0	1.0
20	QPSK	50	28	22.95	22.99	22.93	24.0	0.0
20	QPSK	50	56	21.89	21.90	21.82	23.0	1.0
20	QPSK	100	0	21.87	21.97	21.96		
20	16QAM	1	1	21.95	22.07	21.96	23.0	1.0
20	64QAM	1	1	20.62	20.67	20.65	21.5	2.5
20	256QAM	1	1	18.77	18.86	18.84	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.91	23.03	22.99	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.10	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.08	23.15	23.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.11	23.09	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.81	22.90	22.81		
20	PI/2 BPSK	1	104	22.73	22.81	22.73		
20	PI/2 BPSK	50	0	22.51	22.48	22.45	23.5	0.5
20	PI/2 BPSK	50	28	22.90	22.94	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.55	22.61	22.44	23.5	0.5
20	PI/2 BPSK	100	0	22.58	22.47	22.45		
20	QPSK	1	1	23.00	23.12	22.98	24.0	0.0
20	QPSK	1	53	22.87	22.96	22.87		
20	QPSK	1	104	22.83	22.85	22.73		
20	QPSK	50	0	22.08	22.11	22.09	23.0	1.0
20	QPSK	50	28	22.87	22.95	22.91	24.0	0.0
20	QPSK	50	56	21.95	22.03	22.02	23.0	1.0
20	QPSK	100	0	22.10	22.20	22.14		
20	16QAM	1	1	22.00	22.02	22.05	23.0	1.0
20	64QAM	1	1	20.54	20.48	20.50	21.5	2.5
20	256QAM	1	1	18.68	18.83	18.65	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.85	22.95	22.89	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.11	23.00	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.99	23.06	23.03	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.68	19.72	19.68	21.0	0.0
100	PI/2 BPSK	1	137	19.63	19.95	19.69		
100	PI/2 BPSK	1	271	19.74	19.74	19.67		
100	PI/2 BPSK	135	0	19.58	19.67	19.56	21.0	0.0
100	PI/2 BPSK	135	69	19.67	19.69	19.66	21.0	0.0
100	PI/2 BPSK	135	138	19.57	19.71	19.62	21.0	0.0
100	PI/2 BPSK	270	0	19.63	19.65	19.52		
100	QPSK	1	1	19.81	19.79	19.67	21.0	0.0
100	QPSK	1	137	19.87	20.01	19.97		
100	QPSK	1	271	19.80	19.85	19.87		
100	QPSK	135	0	19.66	19.69	19.61	21.0	0.0
100	QPSK	135	69	19.78	19.82	19.78		
100	QPSK	135	138	19.62	19.63	19.51		
100	QPSK	270	0	19.65	19.81	19.75	21.0	0.0
100	16QAM	1	1	19.71	19.95	19.89	21.0	0.0
100	64QAM	1	1	19.77	19.84	19.86	21.0	0.0
100	256QAM	1	1	18.40	18.59	18.55	19.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.74	19.83	19.73	21.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.79	19.73	19.79	21.0	0.0
Channel				506208	518598	531588	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.82	19.78	19.76	21.0	0.0
Channel				504204	518598	532986	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.80	19.78	19.81	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.75	19.83	19.73	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.77	19.73	19.81	21.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.80	19.73	19.82	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.84	22.83	22.78	24.0	0.0
100	PI/2 BPSK	1	137	22.84	22.89	22.86		
100	PI/2 BPSK	1	271	22.96	22.96	22.99		
100	PI/2 BPSK	135	0	22.75	22.80	22.47	24.0	0.0
100	PI/2 BPSK	135	69	22.79	22.86	22.74	24.0	0.0
100	PI/2 BPSK	135	138	22.77	22.65	22.48	24.0	0.0
100	PI/2 BPSK	270	0	22.70	22.57	22.53		
100	QPSK	1	1	22.82	22.94	22.59	24.0	0.0
100	QPSK	1	137	22.87	23.01	22.85		
100	QPSK	1	271	22.82	22.86	22.74		
100	QPSK	135	0	22.25	22.35	22.31	24.0	0.0
100	QPSK	135	69	22.79	22.67	22.49		
100	QPSK	135	138	22.77	22.68	22.51		
100	QPSK	270	0	22.72	22.64	22.53	24.0	0.0
100	16QAM	1	1	22.79	22.66	22.52	24.0	0.0
100	64QAM	1	1	22.70	22.66	22.57	24.0	0.0
100	256QAM	1	1	21.32	21.21	21.09	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.73	22.59	22.53	24.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.77	22.62	22.54	24.0	0.0
Channel				506208	518598	531588	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.74	22.67	22.58	24.0	0.0
Channel				504204	518598	532986	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.75	22.61	22.52	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.77	22.66	22.58	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.71	22.58	22.50	24.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.71	22.57	22.54	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.77	21.78	21.69	23.0	0.0
100	PI/2 BPSK	1	137	21.78	21.88	21.73		
100	PI/2 BPSK	1	271	21.82	21.87	21.76		
100	PI/2 BPSK	135	0	21.56	21.66	21.57	22.5	0.5
100	PI/2 BPSK	135	69	21.59	21.64	21.53	23.0	0.0
100	PI/2 BPSK	135	138	21.69	21.74	21.68	22.5	0.5
100	PI/2 BPSK	270	0	21.55	21.62	21.58		
100	QPSK	1	1	21.81	21.69	21.64	23.0	0.0
100	QPSK	1	137	21.87	21.91	21.86		
100	QPSK	1	271	21.78	21.87	21.81		
100	QPSK	135	0	21.55	21.62	21.52	23.0	0.0
100	QPSK	135	69	21.60	21.70	21.60		
100	QPSK	135	138	21.52	21.64	21.53		
100	QPSK	270	0	20.55	20.69	20.68	22.0	1.0
100	16QAM	1	1	20.69	20.82	20.80	22.0	1.0
100	64QAM	1	1	19.28	19.35	19.28	20.5	2.5
100	256QAM	1	1	17.33	17.37	17.23	18.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.64	21.72	21.67	23.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.68	21.66	21.62	23.0	0.0
Channel				506200	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.63	21.72	21.62	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.71	21.63	21.69	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.66	21.63	21.65	23.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.63	21.72	21.62	23.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.71	21.70	21.68	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.32	24.75	24.72	26.0	0.0
100	PI/2 BPSK	1	137	24.44	24.56	24.47		
100	PI/2 BPSK	1	271	24.79	24.88	24.86		
100	PI/2 BPSK	135	0	24.26	24.36	24.33	25.5	0.5
100	PI/2 BPSK	135	69	24.33	24.44	24.39	26.0	0.0
100	PI/2 BPSK	135	138	24.31	24.38	24.23	25.5	0.5
100	PI/2 BPSK	270	0	24.00	24.15	24.12		
100	QPSK	1	1	24.27	24.26	24.23	26.0	0.0
100	QPSK	1	137	24.61	24.90	24.77		
100	QPSK	1	271	24.51	24.65	24.60		
100	QPSK	135	0	24.08	24.09	24.00	26.0	0.0
100	QPSK	135	69	24.07	24.29	24.07		
100	QPSK	135	138	23.32	23.42	23.29		
100	QPSK	270	0	23.41	23.45	23.39	25.0	1.0
100	16QAM	1	1	23.76	24.13	24.07	25.0	1.0
100	64QAM	1	1	22.51	22.62	22.49	23.5	2.5
100	256QAM	1	1	19.89	20.12	20.08	21.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.80	24.75	24.77	26.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.74	24.79	24.79	26.0	0.0
Channel				506200	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.77	24.74	24.79	26.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.70	24.78	24.72	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.80	24.78	24.79	26.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.80	24.72	24.74	26.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.76	24.80	24.71	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.33	14.19	14.84	16.0	0.0
100	PI/2 BPSK	1	137	14.64	14.79	15.59		
100	PI/2 BPSK	1	271	14.84	15.02	15.39		
100	PI/2 BPSK	135	0	14.51	14.54	15.34	16.0	0.0
100	PI/2 BPSK	135	69	14.61	14.78	15.20	16.0	0.0
100	PI/2 BPSK	135	138	14.86	14.94	15.42	16.0	0.0
100	PI/2 BPSK	270	0	14.59	14.00	14.55		
100	QPSK	1	1	14.32	14.73	15.40	16.0	0.0
100	QPSK	1	137	15.08	15.53	15.61		
100	QPSK	1	271	14.60	14.27	14.71		
100	QPSK	135	0	14.37	14.65	15.14	16.0	0.0
100	QPSK	135	69	14.68	14.89	15.45		
100	QPSK	135	138	14.62	14.71	15.24		
100	QPSK	270	0	13.92	14.11	14.50	16.0	0.0
100	16QAM	1	1	14.52	14.09	14.33	16.0	0.0
100	64QAM	1	1	14.65	13.94	14.28	16.0	0.0
100	256QAM	1	1	12.31	12.32	12.95	14.0	2.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.94	15.15	15.50	16.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.93	15.14	15.56	16.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.04	15.02	15.55	16.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.05	15.13	15.43	16.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.92	15.00	15.57	16.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.99	15.03	15.51	16.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.94	15.14	15.46	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.80	17.24	17.69	19.0	0.0
100	PI/2 BPSK	1	137	17.30	17.69	18.29		
100	PI/2 BPSK	1	271	14.79	15.19	15.60		
100	PI/2 BPSK	135	0	16.95	17.43	17.85	19.0	0.0
100	PI/2 BPSK	135	69	17.29	17.62	18.12	19.0	0.0
100	PI/2 BPSK	135	138	17.11	17.58	18.10	19.0	0.0
100	PI/2 BPSK	270	0	16.91	17.47	17.83		
100	QPSK	1	1	16.97	17.48	17.81	19.0	0.0
100	QPSK	1	137	17.37	17.86	18.31		
100	QPSK	1	271	15.01	15.24	15.65		
100	QPSK	135	0	17.15	17.64	18.03	19.0	0.0
100	QPSK	135	69	17.40	17.78	18.27		
100	QPSK	135	138	17.35	17.74	18.09		
100	QPSK	270	0	17.22	17.73	18.18	19.0	0.0
100	16QAM	1	1	16.77	17.19	17.60	19.0	0.0
100	64QAM	1	1	16.97	17.46	17.87	19.0	0.0
100	256QAM	1	1	14.91	15.37	15.80	17.0	2.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.34	17.71	18.24	19.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.32	17.80	18.25	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.36	17.76	18.26	19.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.24	17.68	18.18	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.33	17.69	18.17	19.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.31	17.76	18.27	19.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.20	17.81	18.16	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.85	20.88	20.78	22.0	0.0
100	PI/2 BPSK	1	137	20.82	20.97	20.85		
100	PI/2 BPSK	1	271	20.97	21.01	21.05		
100	PI/2 BPSK	135	0	20.83	20.84	20.76	21.5	0.5
100	PI/2 BPSK	135	69	20.76	20.82	20.78	22.0	0.0
100	PI/2 BPSK	135	138	20.84	20.88	20.80	21.5	0.5
100	PI/2 BPSK	270	0	20.70	20.78	20.65		
100	QPSK	1	1	20.78	20.83	20.69	22.0	0.0
100	QPSK	1	137	21.05	21.09	20.93		
100	QPSK	1	271	21.00	21.01	20.86		
100	QPSK	135	0	20.81	20.82	20.73	22.0	0.0
100	QPSK	135	69	20.93	20.88	20.80		
100	QPSK	135	138	20.77	20.87	20.74		
100	QPSK	270	0	19.68	19.71	19.64	21.0	1.0
100	16QAM	1	1	19.93	19.99	19.88	21.0	1.0
100	64QAM	1	1	18.13	18.49	18.46	19.5	2.5
100	256QAM	1	1	16.10	16.25	16.12	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	20.94	20.89	22.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.94	20.91	20.95	22.0	0.0
Channel				506208	518598	531588	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.88	20.89	20.94	22.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.82	20.90	20.92	22.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.87	20.90	20.97	22.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.89	20.90	20.91	22.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.86	20.93	20.92	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.09	24.20	24.10	25.0	0.0
100	PI/2 BPSK	1	137	24.20	24.20	24.11		
100	PI/2 BPSK	1	271	24.24	24.10	24.04		
100	PI/2 BPSK	135	0	23.72	23.73	23.92	24.5	0.5
100	PI/2 BPSK	135	69	24.10	24.22	23.40	25.0	0.0
100	PI/2 BPSK	135	138	23.45	23.68	23.67	24.5	0.5
100	PI/2 BPSK	270	0	23.74	23.73	22.93		
100	QPSK	1	1	23.93	24.18	24.08	25.0	0.0
100	QPSK	1	137	24.07	24.25	24.05		
100	QPSK	1	271	24.16	23.98	23.95		
100	QPSK	135	0	23.77	23.83	23.73	25.0	0.0
100	QPSK	135	69	23.98	24.23	23.63		
100	QPSK	135	138	23.74	23.77	23.75		
100	QPSK	270	0	23.28	23.35	23.34	24.0	1.0
100	16QAM	1	1	23.14	23.20	23.21	24.0	1.0
100	64QAM	1	1	21.66	21.72	21.73	22.5	2.5
100	256QAM	1	1	19.68	19.87	19.96	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.96	24.09	24.17	25.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.06	24.05	24.25	25.0	0.0
Channel				506208	518598	531588	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.01	24.11	24.16	25.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.94	24.09	24.19	25.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.05	24.19	24.17	25.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.05	24.10	24.22	25.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.96	23.97	24.21	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	643332		
Frequency (MHz)				3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	15.74	15.85	15.60	17.0	0.0
40	Pi/2 BPSK	1	53	15.81	15.83	15.69		
40	Pi/2 BPSK	1	104	15.65	15.82	15.68		
40	Pi/2 BPSK	50	0	15.64	15.87	15.69	17.0	0.0
40	Pi/2 BPSK	50	28	15.69	15.79	15.73	17.0	0.0
40	Pi/2 BPSK	50	56	15.54	15.95	15.71	17.0	0.0
40	Pi/2 BPSK	100	0	15.62	15.95	15.72		
40	QPSK	1	1	15.82	16.02	15.78	17.0	0.0
40	QPSK	1	53	15.61	15.85	15.69		
40	QPSK	1	104	15.75	15.82	15.74		
40	QPSK	50	0	15.30	15.47	15.24	17.0	0.0
40	QPSK	50	28	15.36	15.49	15.43		
40	QPSK	50	56	15.25	15.31	15.34		
40	QPSK	100	0	15.25	15.26	15.21	16.0	0.0
40	16QAM	1	1	15.30	15.32	15.26	16.0	0.0
40	64QAM	1	1	15.18	15.27	15.20	14.5	0.0
40	256QAM	1	1	15.29	15.22	15.28	12.5	0.0
Channel				637334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3572.01	3624.99	3688		
20	QPSK	1	1	15.64	15.91	15.68	17.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	15.66	16.00	15.67	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3790	3840	3930		
100	PI/2 BPSK	1	1	15.19	15.23	15.01	16.0	0.0
100	PI/2 BPSK	1	137	15.21	15.22	15.11		
100	PI/2 BPSK	1	271	15.10	15.18	15.10		
100	PI/2 BPSK	135	0	15.07	15.24	14.97	16.0	0.0
100	PI/2 BPSK	135	69	15.10	15.18	15.07	16.0	0.0
100	PI/2 BPSK	135	138	15.16	15.09	15.08	16.0	0.0
100	PI/2 BPSK	270	0	15.14	15.24	14.98		
100	QPSK	1	1	15.21	15.34	15.16	16.0	0.0
100	QPSK	1	137	15.08	15.21	15.04		
100	QPSK	1	271	14.92	15.26	15.11		
100	QPSK	135	0	15.01	14.93	14.89	16.0	0.0
100	QPSK	135	69	15.03	15.14	15.05		
100	QPSK	135	138	15.13	15.07	15.09		
100	QPSK	270	0	15.18	15.20	15.04	16.0	0.0
100	16QAM	1	1	15.01	15.05	15.01	16.0	0.0
100	64QAM	1	1	15.11	15.17	15.04	16.0	0.0
100	256QAM	1	1	15.13	15.20	15.03	16.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.11	15.21	15.04	16.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.08	15.26	15.11	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.13	15.29	15.14	16.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.04	15.24	14.98	16.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.20	15.16	15.02	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.20	15.32	15.11	16.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	15.19	15.19	15.07	16.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.03	15.19	15.09	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3790	3840	3930		
100	PI/2 BPSK	1	1	18.13	18.19	17.95	19.0	0.0
100	PI/2 BPSK	1	137	18.17	18.18	17.97		
100	PI/2 BPSK	1	271	18.03	18.16	18.03		
100	PI/2 BPSK	135	0	17.96	18.03	17.70	19.0	0.0
100	PI/2 BPSK	135	69	17.96	17.99	17.82	19.0	0.0
100	PI/2 BPSK	135	138	18.18	18.27	17.95	19.0	0.0
100	PI/2 BPSK	270	0	17.98	18.17	18.06		
100	QPSK	1	1	18.16	18.29	18.04	19.0	0.0
100	QPSK	1	137	17.90	18.07	17.82		
100	QPSK	1	271	18.12	18.02	17.99		
100	QPSK	135	0	17.85	17.94	18.10	19.0	0.0
100	QPSK	135	69	17.90	18.13	17.76		
100	QPSK	135	138	18.04	18.00	17.99		
100	QPSK	270	0	17.83	18.04	17.97	19.0	0.0
100	16QAM	1	1	18.02	18.06	17.72	19.0	0.0
100	64QAM	1	1	17.98	18.06	18.00	19.0	0.0
100	256QAM	1	1	17.96	18.01	18.12	19.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.00	18.26	17.93	19.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.98	18.23	18.02	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.14	18.14	18.00	19.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.13	18.25	18.01	19.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.13	18.13	17.97	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.10	18.14	17.86	19.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.03	18.28	17.93	19.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.99	18.11	17.94	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		15.05		16.0	0.0
100	Pi/2 BPSK	1	137		15.04			
100	Pi/2 BPSK	1	271		15.14			
100	Pi/2 BPSK	135	0		15.07		16.0	0.0
100	Pi/2 BPSK	135	69		15.16		16.0	0.0
100	Pi/2 BPSK	135	138		14.94		16.0	0.0
100	Pi/2 BPSK	270	0		15.12			
100	QPSK	1	1		15.23		16.0	0.0
100	QPSK	1	137		15.14			
100	QPSK	1	271		15.15			
100	QPSK	135	0		14.89		16.0	0.0
100	QPSK	135	69		15.08			
100	QPSK	135	138		15.06			
100	QPSK	270	0		15.02		16.0	0.0
100	16QAM	1	1		15.03		16.0	0.0
100	64QAM	1	1		15.16		16.0	0.0
100	256QAM	1	1		15.05		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.09	15.21	15.08	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.06	15.10	14.93	16.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.15	15.20	14.98	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.95	15.11	15.07	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.01	15.18	15.03	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.93	15.12	15.02	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.07	15.03	14.91	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.02	15.06	15.02	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		18.05		19.0	0.0
100	Pi/2 BPSK	1	137		18.05			
100	Pi/2 BPSK	1	271		18.09			
100	Pi/2 BPSK	135	0		17.97		19.0	0.0
100	Pi/2 BPSK	135	69		17.84		19.0	0.0
100	Pi/2 BPSK	135	138		18.24		19.0	0.0
100	Pi/2 BPSK	270	0		18.05			
100	QPSK	1	1		18.25		19.0	0.0
100	QPSK	1	137		17.90			
100	QPSK	1	271		17.87			
100	QPSK	135	0		17.90		19.0	0.0
100	QPSK	135	69		18.03			
100	QPSK	135	138		17.94			
100	QPSK	270	0		18.03		19.0	0.0
100	16QAM	1	1		18.01		19.0	0.0
100	64QAM	1	1		18.01		19.0	0.0
100	256QAM	1	1		17.95		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.89	18.11	17.80	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.88	18.10	17.90	19.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.87	18.24	17.90	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.92	18.21	17.88	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.90	18.19	17.90	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.84	18.24	17.90	19.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.97	18.12	17.75	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.97	18.18	17.79	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	22.78	22.91	22.76	24.0	0.0
100	Pi/2 BPSK	1	137	22.74	22.81	22.78		
100	Pi/2 BPSK	1	271	22.75	22.78	22.74		
100	Pi/2 BPSK	135	0	22.70	22.72	22.70	23.5	0.5
100	Pi/2 BPSK	135	69	22.65	22.76	22.70	24.0	0.0
100	Pi/2 BPSK	135	138	22.56	22.67	22.63	23.5	0.5
100	Pi/2 BPSK	270	0	22.59	22.62	22.56		
100	QPSK	1	1	22.92	23.00	22.87	24.0	0.0
100	QPSK	1	137	22.61	22.72	22.64		
100	QPSK	1	271	22.16	22.18	22.15		
100	QPSK	135	0	22.19	22.21	22.11	24.0	0.0
100	QPSK	135	69	22.37	22.38	22.24		
100	QPSK	135	138	21.34	21.35	21.22		
100	QPSK	270	0	21.34	21.47	21.33	23.0	1.0
100	16QAM	1	1	21.61	21.69	21.68	23.0	1.0
100	64QAM	1	1	20.20	20.29	20.25	21.5	2.5
100	256QAM	1	1	18.44	18.56	18.54	19.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.97	22.93	22.75	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.94	22.89	22.70	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.92	22.89	22.65	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.96	22.88	22.64	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.88	22.87	22.69	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.95	22.90	22.71	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	22.91	22.84	22.65	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.91	22.92	22.67	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	25.29	25.30	25.15	27.0	0.0
100	Pi/2 BPSK	1	137	24.76	24.77	24.64		
100	Pi/2 BPSK	1	271	23.90	24.01	23.86		
100	Pi/2 BPSK	135	0	24.40	24.45	24.41	26.5	0.5
100	Pi/2 BPSK	135	69	24.75	24.78	24.63	27.0	0.0
100	Pi/2 BPSK	135	138	23.74	23.88	23.77	26.5	0.5
100	Pi/2 BPSK	270	0	24.21	24.28	24.16		
100	QPSK	1	1	25.98	26.08	25.95	27.0	0.0
100	QPSK	1	137	25.65	25.66	25.63		
100	QPSK	1	271	24.63	24.70	24.68		
100	QPSK	135	0	25.87	25.88	25.74	27.0	0.0
100	QPSK	135	69	25.99	26.04	26.02		
100	QPSK	135	138	25.54	25.64	25.60		
100	QPSK	270	0	25.16	25.23	25.22	26.0	1.0
100	16QAM	1	1	24.27	24.38	24.34	26.0	1.0
100	64QAM	1	1	23.06	23.08	22.97	24.5	2.5
100	256QAM	1	1	21.73	21.77	21.62	22.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.83	25.90	25.81	27.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.89	25.92	25.89	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.87	25.97	25.84	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	25.91	25.94	25.87	27.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.91	25.95	25.93	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.83	25.96	25.82	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	25.96	25.86	25.86	27.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.84	25.91	25.89	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.72		24.0	0.0
100	PI/2 BPSK	1	137		22.80			
100	PI/2 BPSK	1	271		22.91			
100	PI/2 BPSK	135	0		21.82		23.5	0.5
100	PI/2 BPSK	135	69		22.45		24.0	0.0
100	PI/2 BPSK	135	138		21.86		23.5	0.5
100	PI/2 BPSK	270	0		21.82			
100	QPSK	1	1		23.25		24.0	0.0
100	QPSK	1	137		23.15			
100	QPSK	1	271		23.09			
100	QPSK	135	0		23.14		24.0	0.0
100	QPSK	135	69		23.15			
100	QPSK	135	138		22.69			
100	QPSK	270	0		22.37		23.0	1.0
100	16QAM	1	1		21.26		23.0	1.0
100	64QAM	1	1		19.98		21.5	2.5
100	256QAM	1	1		18.73		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.87	22.93	22.94	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.92	22.89	22.88	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.87	22.97	22.91	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.90	22.96	22.92	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.97	22.88	22.96	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.95	22.90	22.96	24.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.92	22.93	22.92	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.92	22.91	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.23		27.0	0.0
100	PI/2 BPSK	1	137		25.41			
100	PI/2 BPSK	1	271		24.92			
100	PI/2 BPSK	135	0		24.47		26.5	0.5
100	PI/2 BPSK	135	69		25.21		27.0	0.0
100	PI/2 BPSK	135	138		24.23		26.5	0.5
100	PI/2 BPSK	270	0		24.44			
100	QPSK	1	1		25.93		27.0	0.0
100	QPSK	1	137		25.55			
100	QPSK	1	271		25.26			
100	QPSK	135	0		25.55		27.0	0.0
100	QPSK	135	69		25.88			
100	QPSK	135	138		25.45			
100	QPSK	270	0		25.02		26.0	1.0
100	16QAM	1	1		24.30		26.0	1.0
100	64QAM	1	1		22.72		24.5	2.5
100	256QAM	1	1		21.62		22.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.57	25.67	25.59	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.65	25.61	25.58	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.50	25.56	25.49	27.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.51	25.46	25.53	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.60	25.47	25.44	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.51	25.57	25.57	27.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.64	25.56	25.43	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.58	25.56	25.53	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3790	3840	3930		
100	PI/2 BPSK	1	1	21.67	21.53	21.02	23.0	0.0
100	PI/2 BPSK	1	137	21.06	21.01	20.34		
100	PI/2 BPSK	1	271	20.65	20.56	19.88		
100	PI/2 BPSK	135	0	20.37	20.23	19.64	22.5	0.5
100	PI/2 BPSK	135	69	21.04	20.91	20.27	23.0	0.0
100	PI/2 BPSK	135	138	19.85	19.76	19.17	22.5	0.5
100	PI/2 BPSK	270	0	20.09	19.97	19.37		
100	QPSK	1	1	22.31	22.23	21.68	23.0	0.0
100	QPSK	1	137	21.80	21.73	21.21		
100	QPSK	1	271	21.44	21.33	21.12		
100	QPSK	135	0	22.01	21.88	21.22	23.0	0.0
100	QPSK	135	69	22.06	21.81	21.29		
100	QPSK	135	138	21.18	21.09	21.17		
100	QPSK	270	0	21.41	21.24	20.71	22.0	1.0
100	16QAM	1	1	20.41	20.27	20.63	22.0	1.0
100	64QAM	1	1	19.11	18.94	18.26	20.0	3.0
100	256QAM	1	1	17.38	17.32	16.67	18.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.23	22.18	21.53	23.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.25	22.15	21.53	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.16	22.13	21.50	23.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.28	22.19	21.61	23.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.26	22.08	21.59	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.24	22.22	21.51	23.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	22.25	22.20	21.51	23.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.29	22.20	21.66	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3790	3840	3930		
100	PI/2 BPSK	1	1	24.18	23.52	23.35	26.0	0.0
100	PI/2 BPSK	1	137	23.96	23.18	23.09		
100	PI/2 BPSK	1	271	23.07	22.43	22.31		
100	PI/2 BPSK	135	0	23.17	22.53	22.49	25.5	0.5
100	PI/2 BPSK	135	69	23.72	23.07	22.92	26.0	0.0
100	PI/2 BPSK	135	138	22.71	21.98	21.97	25.5	0.5
100	PI/2 BPSK	270	0	23.04	22.31	22.17		
100	QPSK	1	1	25.06	24.37	24.19	26.0	0.0
100	QPSK	1	137	24.51	23.82	23.78		
100	QPSK	1	271	24.13	23.41	23.33		
100	QPSK	135	0	24.34	23.58	23.43	26.0	0.0
100	QPSK	135	69	24.52	23.87	23.74		
100	QPSK	135	138	23.92	23.15	23.12		
100	QPSK	270	0	24.15	23.51	23.34	25.0	1.0
100	16QAM	1	1	23.02	22.40	23.11	25.0	1.0
100	64QAM	1	1	21.62	20.92	20.81	23.5	2.5
100	256QAM	1	1	20.49	19.85	19.69	21.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.94	24.34	24.18	26.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.01	24.27	24.08	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.90	24.33	24.08	26.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.99	24.24	24.04	26.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	24.98	24.25	24.07	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.01	24.25	24.14	26.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	24.90	24.29	24.11	26.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	24.98	24.30	24.04	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.17		23.0	0.0
100	PI/2 BPSK	1	137		20.65			
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		19.76		22.5	0.5
100	PI/2 BPSK	135	69		20.49		23.0	0.0
100	PI/2 BPSK	135	138		19.37		22.5	0.5
100	PI/2 BPSK	270	0		19.54			
100	QPSK	1	1		21.86		23.0	0.0
100	QPSK	1	137		21.30			
100	QPSK	1	271		20.87			
100	QPSK	135	0		21.40		23.0	0.0
100	QPSK	135	69		21.44			
100	QPSK	135	138		20.65			
100	QPSK	270	0		20.87		22.0	1.0
100	16QAM	1	1		20.57		22.0	1.0
100	64QAM	1	1		18.63		20.0	3.0
100	256QAM	1	1		17.15		18.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.24	21.20	21.35	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.33	21.29	21.32	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.26	21.21	21.25	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.18	21.21	21.29	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.21	21.23	21.34	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.21	21.29	21.23	23.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.35	21.20	21.32	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.22	21.26	21.33	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.92		26.0	0.0
100	PI/2 BPSK	1	137		23.66			
100	PI/2 BPSK	1	271		22.83			
100	PI/2 BPSK	135	0		22.97		25.5	0.5
100	PI/2 BPSK	135	69		23.48		26.0	0.0
100	PI/2 BPSK	135	138		22.37		25.5	0.5
100	PI/2 BPSK	270	0		22.66			
100	QPSK	1	1		24.70		26.0	0.0
100	QPSK	1	137		24.24			
100	QPSK	1	271		23.81			
100	QPSK	135	0		24.01		26.0	0.0
100	QPSK	135	69		24.26			
100	QPSK	135	138		23.53			
100	QPSK	270	0		23.95		25.0	1.0
100	16QAM	1	1		22.74		25.0	1.0
100	64QAM	1	1		21.27		23.5	2.5
100	256QAM	1	1		20.72		21.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.69	24.60	24.68	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.57	24.53	24.60	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.52	24.53	24.65	26.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.65	24.53	24.66	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.53	24.53	24.60	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.57	24.57	24.58	26.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.55	24.56	24.63	26.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.64	24.60	24.66	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3790	3840	3930		
100	PI/2 BPSK	1	1	22.11	22.03	21.35	23.0	0.0
100	PI/2 BPSK	1	137	22.25	22.13	21.53		
100	PI/2 BPSK	1	271	21.71	21.57	20.89		
100	PI/2 BPSK	135	0	22.04	21.86	21.43	22.5	0.5
100	PI/2 BPSK	135	69	21.83	21.73	21.06	23.0	0.0
100	PI/2 BPSK	135	138	21.58	21.55	20.95	22.5	0.5
100	PI/2 BPSK	270	0	21.75	21.72	21.07		
100	QPSK	1	1	22.34	22.25	21.71	23.0	0.0
100	QPSK	1	137	22.14	22.00	21.40		
100	QPSK	1	271	21.18	21.07	20.51		
100	QPSK	135	0	21.47	21.29	20.67	23.0	0.0
100	QPSK	135	69	21.88	21.76	21.12		
100	QPSK	135	138	20.58	20.51	20.00		
100	QPSK	270	0	21.38	21.21	20.70	22.0	1.0
100	16QAM	1	1	21.76	21.61	21.04	22.0	1.0
100	64QAM	1	1	20.25	20.11	19.57	20.5	2.5
100	256QAM	1	1	18.90	18.75	18.12	18.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.30	22.09	21.62	23.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.20	22.13	21.63	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.28	22.23	21.62	23.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.25	22.19	21.60	23.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.28	22.22	21.60	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.16	22.14	21.54	23.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	22.24	22.16	21.57	23.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.20	22.23	21.56	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3790	3840	3930		
100	PI/2 BPSK	1	1	25.00	24.53	23.40	26.0	0.0
100	PI/2 BPSK	1	137	24.75	24.32	23.25		
100	PI/2 BPSK	1	271	24.50	24.12	22.95		
100	PI/2 BPSK	135	0	24.02	23.68	22.66	25.5	0.5
100	PI/2 BPSK	135	69	24.64	24.17	23.11	26.0	0.0
100	PI/2 BPSK	135	138	23.28	22.83	21.70	25.5	0.5
100	PI/2 BPSK	270	0	24.69	24.22	23.15		
100	QPSK	1	1	25.07	24.61	23.47	26.0	0.0
100	QPSK	1	137	24.27	23.90	22.81		
100	QPSK	1	271	23.44	23.05	21.93		
100	QPSK	135	0	23.74	23.37	22.34	26.0	0.0
100	QPSK	135	69	24.44	24.06	22.93		
100	QPSK	135	138	23.26	22.77	21.74		
100	QPSK	270	0	23.61	23.24	22.19	25.0	1.0
100	16QAM	1	1	24.14	23.70	22.81	25.0	1.0
100	64QAM	1	1	22.42	22.08	21.36	23.5	2.5
100	256QAM	1	1	20.73	20.67	20.00	21.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	24.95	24.51	23.35	26.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	25.05	24.47	23.35	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.89	24.53	23.32	26.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	24.95	24.43	23.46	26.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	25.06	24.45	23.36	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.95	24.54	23.29	26.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	24.96	24.54	23.44	26.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	25.03	24.45	23.35	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.39		23.0	0.0
100	PI/2 BPSK	1	137		22.46			
100	PI/2 BPSK	1	271		21.88			
100	PI/2 BPSK	135	0		22.24		22.5	0.5
100	PI/2 BPSK	135	69		21.97		23.0	0.0
100	PI/2 BPSK	135	138		21.70		22.5	0.5
100	PI/2 BPSK	270	0		22.02			
100	QPSK	1	1		22.55		23.0	0.0
100	QPSK	1	137		22.32			
100	QPSK	1	271		21.40			
100	QPSK	135	0		21.68		23.0	0.0
100	QPSK	135	69		22.07			
100	QPSK	135	138		20.83			
100	QPSK	270	0		21.66		22.0	1.0
100	16QAM	1	1		22.02		22.0	1.0
100	64QAM	1	1		20.42		20.5	2.5
100	256QAM	1	1		18.55		18.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.43	22.38	22.44	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.51	22.53	22.51	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.39	22.50	22.40	23.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.53	22.39	22.51	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.43	22.48	22.51	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.44	22.40	22.44	23.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.40	22.44	22.45	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.48	22.45	22.53	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.82		26.0	0.0
100	PI/2 BPSK	1	137		24.63			
100	PI/2 BPSK	1	271		24.26			
100	PI/2 BPSK	135	0		23.88		25.5	0.5
100	PI/2 BPSK	135	69		24.42		26.0	0.0
100	PI/2 BPSK	135	138		23.03		25.5	0.5
100	PI/2 BPSK	270	0		24.41			
100	QPSK	1	1		24.87		26.0	0.0
100	QPSK	1	137		24.07			
100	QPSK	1	271		23.29			
100	QPSK	135	0		23.58		26.0	0.0
100	QPSK	135	69		24.32			
100	QPSK	135	138		23.05			
100	QPSK	270	0		23.37		25.0	1.0
100	16QAM	1	1		24.03		25.0	1.0
100	64QAM	1	1		22.28		23.5	2.5
100	256QAM	1	1		20.57		21.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.70	24.73	24.83	26.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.73	24.83	24.73	26.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.77	24.70	24.85	26.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.81	24.78	24.71	26.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.74	24.71	24.76	26.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.79	24.81	24.76	26.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.81	24.76	24.81	26.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.74	24.75	24.85	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.10		16.0	0.0
100	PI/2 BPSK	1	137		15.29			
100	PI/2 BPSK	1	271		15.24			
100	PI/2 BPSK	135	0		15.16		16.0	0.0
100	PI/2 BPSK	135	69		14.95		16.0	0.0
100	PI/2 BPSK	135	138		15.35		16.0	0.0
100	PI/2 BPSK	270	0		15.11			
100	QPSK	1	1		15.37		16.0	0.0
100	QPSK	1	137		15.09			
100	QPSK	1	271		15.21			
100	QPSK	135	0		15.04		16.0	0.0
100	QPSK	135	69		15.25			
100	QPSK	135	138		15.13			
100	QPSK	270	0		15.14		16.0	0.0
100	16QAM	1	1		15.02		16.0	0.0
100	64QAM	1	1		15.16		16.0	0.0
100	256QAM	1	1		15.19		16.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.36	15.32	15.22	16.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.33	15.34	15.25	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.33	15.20	15.34	16.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.20	15.35	15.32	16.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.19	15.36	15.33	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.34	15.26	15.25	16.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	15.24	15.34	15.27	16.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.20	15.35	15.30	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.05		16.0	0.0
100	PI/2 BPSK	1	137		15.15			
100	PI/2 BPSK	1	271		15.21			
100	PI/2 BPSK	135	0		15.09		16.0	0.0
100	PI/2 BPSK	135	69		14.77		16.0	0.0
100	PI/2 BPSK	135	138		15.19		16.0	0.0
100	PI/2 BPSK	270	0		15.06			
100	QPSK	1	1		15.28		16.0	0.0
100	QPSK	1	137		15.06			
100	QPSK	1	271		15.12			
100	QPSK	135	0		14.97		16.0	0.0
100	QPSK	135	69		15.08			
100	QPSK	135	138		15.06			
100	QPSK	270	0		14.96		16.0	0.0
100	16QAM	1	1		14.88		16.0	0.0
100	64QAM	1	1		15.10		16.0	0.0
100	256QAM	1	1		15.17		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496	3499.98	3504.99		
90	QPSK	1	1	15.26	15.17	15.10	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.18	15.17	15.12	16.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.23	15.15	15.18	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.27	15.19	15.19	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.23	15.20	15.11	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.23	15.25	15.15	16.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.21	15.27	15.09	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.24	15.27	15.21	16.0	0.0

Reduced Power Mode for DSI 3

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.77	17.84	17.72	18.5	0.0
20	PI/2 BPSK	1	53	17.71	17.81	17.67		
20	PI/2 BPSK	1	104	17.68	17.77	17.70		
20	PI/2 BPSK	50	0	17.46	17.84	17.65	18.5	0.0
20	PI/2 BPSK	50	28	17.77	17.72	17.69	18.5	0.0
20	PI/2 BPSK	50	56	17.49	17.80	17.66	18.5	0.0
20	PI/2 BPSK	100	0	17.39	17.87	17.60		
20	QPSK	1	1	17.56	17.98	17.69	18.5	0.0
20	QPSK	1	53	17.66	17.70	17.55		
20	QPSK	1	104	17.63	17.73	17.70		
20	QPSK	50	0	17.44	17.89	17.66	18.5	0.0
20	QPSK	50	28	17.67	17.93	17.71	18.5	0.0
20	QPSK	50	56	17.47	17.91	17.53		
20	QPSK	100	0	17.39	17.92	17.58		
20	16QAM	1	1	17.52	17.97	17.65	18.5	0.0
20	64QAM	1	1	17.52	17.82	17.53	18.5	0.0
20	256QAM	1	1	17.43	17.83	17.54	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.36	17.96	17.53	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.51	17.83	17.63	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.76	17.74	17.64	18.5	0.0

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.27	18.17	18.16	19.0	0.0
20	PI/2 BPSK	1	53	18.16	18.31	18.30		
20	PI/2 BPSK	1	104	18.18	18.28	18.21		
20	PI/2 BPSK	50	0	18.07	18.22	18.10	19.0	0.0
20	PI/2 BPSK	50	28	18.21	18.26	18.12	19.0	0.0
20	PI/2 BPSK	50	56	18.21	18.24	18.18	19.0	0.0
20	PI/2 BPSK	100	0	18.15	18.17	18.13		
20	QPSK	1	1	18.15	18.39	18.17	19.0	0.0
20	QPSK	1	53	18.12	18.27	18.13		
20	QPSK	1	104	18.14	18.25	18.22		
20	QPSK	50	0	17.29	17.37	17.33	19.0	0.0
20	QPSK	50	28	18.17	18.29	18.23	19.0	0.0
20	QPSK	50	56	18.12	18.28	18.02		
20	QPSK	100	0	17.99	18.02	18.00		
20	16QAM	1	1	17.94	18.26	17.95	19.0	0.0
20	64QAM	1	1	17.96	18.35	17.96	19.0	0.0
20	256QAM	1	1	18.03	18.24	17.96	19.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.30	18.35	18.23	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.29	18.24	18.22	19.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.18	18.23	18.13	19.0	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.12	21.09	21.18	22.0	0.0
20	PI/2 BPSK	1	53	20.99	21.06	20.99		
20	PI/2 BPSK	1	104	20.92	21.01	20.96		
20	PI/2 BPSK	50	0	20.45	20.58	20.55	22.0	0.0
20	PI/2 BPSK	50	28	20.97	21.04	20.93	22.0	0.0
20	PI/2 BPSK	50	56	20.30	20.45	20.42	22.0	0.0
20	PI/2 BPSK	100	0	20.42	20.56	20.47		
20	QPSK	1	1	20.85	21.20	20.91	22.0	0.0
20	QPSK	1	53	20.96	21.02	21.00		
20	QPSK	1	104	20.85	20.96	20.94		
20	QPSK	50	0	19.97	20.10	20.07	22.0	0.0
20	QPSK	50	28	20.90	20.97	20.94	22.0	0.0
20	QPSK	50	56	19.80	19.91	19.79	22.0	0.0
20	QPSK	100	0	19.87	20.00	19.88		
20	16QAM	1	1	20.09	20.13	20.06	22.0	0.0
20	64QAM	1	1	20.51	20.54	20.43	21.5	0.5
20	256QAM	1	1	18.64	18.65	18.63	19.5	2.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.98	21.13	21.11	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.91	21.04	21.00	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.00	21.17	20.93	22.0	0.0

n5_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.14	22.15	22.22	23.0	0.0
20	PI/2 BPSK	1	53	22.05	22.10	21.96		
20	PI/2 BPSK	1	104	22.02	22.06	21.92		
20	PI/2 BPSK	50	0	22.09	22.11	22.10	23.0	0.0
20	PI/2 BPSK	50	28	21.97	22.00	21.94	23.0	0.0
20	PI/2 BPSK	50	56	21.80	21.93	21.90	23.0	0.0
20	PI/2 BPSK	100	0	21.93	22.05	22.03		
20	QPSK	1	1	22.66	22.28	22.62	23.0	0.0
20	QPSK	1	53	22.01	22.05	22.03		
20	QPSK	1	104	21.92	21.97	21.88		
20	QPSK	50	0	21.01	21.06	21.05	23.0	0.0
20	QPSK	50	28	21.93	21.98	21.85	23.0	0.0
20	QPSK	50	56	20.83	20.89	20.80	23.0	0.0
20	QPSK	100	0	20.94	21.07	20.97		
20	16QAM	1	1	20.88	20.94	20.92	23.0	0.0
20	64QAM	1	1	20.47	20.67	20.45	21.5	1.5
20	256QAM	1	1	18.62	18.66	18.53	19.5	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.12	22.20	22.09	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.12	22.12	22.19	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.10	22.16	22.07	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.17	17.21	17.10	18.0	0.0
40	PI/2 BPSK	1	108	17.12	17.08	17.04		
40	PI/2 BPSK	1	214	17.20	17.18	17.12		
40	PI/2 BPSK	108	0	16.85	17.02	16.78	18.0	0.0
40	PI/2 BPSK	108	54	16.95	16.98	16.76	18.0	0.0
40	PI/2 BPSK	108	108	16.95	17.00	16.71	18.0	0.0
40	PI/2 BPSK	216	0	16.94	16.88	16.73		
40	QPSK	1	1	17.20	17.22	17.17	18.0	0.0
40	QPSK	1	108	16.86	16.95	16.86		
40	QPSK	1	214	17.00	17.05	16.89		
40	QPSK	108	0	16.01	16.00	15.96	18.0	0.0
40	QPSK	108	54	16.96	17.05	16.87	18.0	0.0
40	QPSK	108	108	16.90	16.88	16.73	18.0	0.0
40	QPSK	216	0	16.81	16.68	16.64		
40	16QAM	1	1	16.88	16.97	16.72	18.0	0.0
40	64QAM	1	1	16.94	17.03	16.78	18.0	0.0
40	256QAM	1	1	16.92	17.01	16.84	18.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.06	17.18	17.08	18.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.10	17.12	17.00	18.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.05	17.16	17.09	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.08	17.11	16.98	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.13	17.11	17.07	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.08	17.11	17.08	18.0	0.0

n7_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.13	15.40	15.26	16.5	0.0
40	PI/2 BPSK	1	108	15.37	15.27	15.13		
40	PI/2 BPSK	1	214	15.31	15.20	15.23		
40	PI/2 BPSK	108	0	15.12	15.25	15.15	16.5	0.0
40	PI/2 BPSK	108	54	15.32	15.28	15.42	16.5	0.0
40	PI/2 BPSK	108	108	15.25	15.36	15.26	16.5	0.0
40	PI/2 BPSK	216	0	15.42	15.25	15.22		
40	QPSK	1	1	15.49	15.73	15.38	16.5	0.0
40	QPSK	1	108	15.48	15.42	15.47		
40	QPSK	1	214	15.42	15.29	15.31		
40	QPSK	108	0	15.18	15.37	15.27	16.5	0.0
40	QPSK	108	54	15.39	15.68	15.29	16.5	0.0
40	QPSK	108	108	15.33	15.31	15.07	16.5	0.0
40	QPSK	216	0	15.38	15.51	15.16		
40	16QAM	1	1	15.49	15.46	15.13	16.5	0.0
40	64QAM	1	1	15.26	15.45	15.24	16.5	0.0
40	256QAM	1	1	15.44	15.29	15.26	16.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.50	15.66	15.49	16.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.49	15.69	15.45	16.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.43	15.65	15.50	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.46	15.64	15.43	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.47	15.65	15.48	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.44	15.66	15.51	16.5	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.11	23.09	23.02	24.0	0.0
15	PI/2 BPSK	1	40	22.85	22.94	22.91		
15	PI/2 BPSK	1	77	22.82	22.83	22.70		
15	PI/2 BPSK	36	0	22.28	22.39	22.26	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.76	22.70	24.0	0.0
15	PI/2 BPSK	36	43	22.22	22.26	22.16	23.5	0.5
15	PI/2 BPSK	75	0	22.33	22.35	22.27		
15	QPSK	1	1	22.92	23.12	22.93	24.0	0.0
15	QPSK	1	40	22.76	22.80	22.76		
15	QPSK	1	77	22.56	22.67	22.62		
15	QPSK	36	0	21.75	21.90	21.88	23.0	1.0
15	QPSK	36	22	22.74	22.81	22.80	24.0	0.0
15	QPSK	36	43	21.74	21.75	21.68	23.0	1.0
15	QPSK	75	0	21.74	21.84	21.79		
15	16QAM	1	1	21.96	22.11	22.08	23.0	1.0
15	64QAM	1	1	20.60	20.66	20.61	21.5	2.5
15	256QAM	1	1	18.66	18.67	18.58	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.95	23.00	22.88	24.0	0.0
Channel				140350	141500	142650	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.93	23.06	22.96	24.0	0.0

n12_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.08	23.11	23.05	24.0	0.0
15	PI/2 BPSK	1	40	22.88	22.98	22.88		
15	PI/2 BPSK	1	77	22.83	22.96	22.83		
15	PI/2 BPSK	36	0	22.67	22.82	22.76	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.71	22.60	24.0	0.0
15	PI/2 BPSK	36	43	22.84	22.71	22.90	23.5	0.5
15	PI/2 BPSK	75	0	22.62	22.76	22.61		
15	QPSK	1	1	23.07	23.13	23.04	24.0	0.0
15	QPSK	1	40	22.77	22.87	22.77		
15	QPSK	1	77	22.70	22.72	22.61		
15	QPSK	36	0	22.01	22.09	21.98	23.0	1.0
15	QPSK	36	22	22.76	22.81	22.67	24.0	0.0
15	QPSK	36	43	21.79	21.94	21.82	23.0	1.0
15	QPSK	75	0	21.86	22.01	21.88		
15	16QAM	1	1	22.31	22.41	22.38	23.0	1.0
15	64QAM	1	1	20.55	20.50	20.32	21.5	2.5
15	256QAM	1	1	18.79	18.82	18.66	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.01	23.05	23.02	24.0	0.0
Channel				140350	141500	142650	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.04	23.12	23.06	24.0	0.0

n14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		22.43		23.0	0.0
10	PI/2 BPSK	1	26		22.32			
10	PI/2 BPSK	1	50		22.45			
10	PI/2 BPSK	25	0		22.32		23.0	0.0
10	PI/2 BPSK	25	14		22.43		23.0	0.0
10	PI/2 BPSK	25	27		22.34		23.0	0.0
10	PI/2 BPSK	50	0		22.21			
10	QPSK	1	1		22.48		23.0	0.0
10	QPSK	1	26		22.45			
10	QPSK	1	50		22.42			
10	QPSK	25	0		22.24		23.0	0.0
10	QPSK	25	14		22.37		23.0	0.0
10	QPSK	25	27		22.20		23.0	0.0
10	QPSK	50	0		22.29			
10	16QAM	1	1		22.27		23.0	0.0
10	64QAM	1	1		20.92		21.5	1.5
10	256QAM	1	1		19.23		19.5	3.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	22.31	22.40	22.41	23.0	0.0

n14_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.10		24.0	0.0
10	PI/2 BPSK	1	26		23.15			
10	PI/2 BPSK	1	50		23.14			
10	PI/2 BPSK	25	0		22.74		23.5	0.5
10	PI/2 BPSK	25	14		23.09		24.0	0.0
10	PI/2 BPSK	25	27		22.61		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.17		24.0	0.0
10	QPSK	1	26		23.11			
10	QPSK	1	50		23.07			
10	QPSK	25	0		22.23		23.0	1.0
10	QPSK	25	14		23.12		24.0	0.0
10	QPSK	25	27		22.16		23.0	1.0
10	QPSK	50	0		22.18			
10	16QAM	1	1		22.21		23.0	1.0
10	64QAM	1	1		20.64		21.5	2.5
10	256QAM	1	1		18.65		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.11	23.16	23.10	24.0	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.59	17.60	17.57	18.5	0.0
40	PI/2 BPSK	1	108	17.68	17.73	17.57		
40	PI/2 BPSK	1	214	17.68	17.76	17.63		
40	PI/2 BPSK	108	0	17.69	17.76	17.50	18.5	0.0
40	PI/2 BPSK	108	54	17.56	17.61	17.55	18.5	0.0
40	PI/2 BPSK	108	108	17.75	17.66	17.50	18.5	0.0
40	PI/2 BPSK	216	0	17.72	17.81	17.59		
40	QPSK	1	1	17.79	17.84	17.68	18.5	0.0
40	QPSK	1	108	17.56	17.65	17.60		
40	QPSK	1	214	17.70	17.82	17.67		
40	QPSK	108	0	17.70	17.73	17.53	18.5	0.0
40	QPSK	108	54	17.77	17.80	17.56	18.5	0.0
40	QPSK	108	108	17.74	17.67	17.62	18.5	0.0
40	QPSK	216	0	17.70	17.75	17.60		
40	16QAM	1	1	17.73	17.80	17.64	18.5	0.0
40	64QAM	1	1	17.78	17.82	17.66	18.5	0.0
40	256QAM	1	1	17.68	17.80	17.54	18.5	0.0
Channel				373500	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	17.49	17.57	17.46	18.5	0.0
Channel				373250	376500	380250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	17.53	17.54	17.52	18.5	0.0
Channel				373000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	17.53	17.58	17.51	18.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	17.54	17.50	17.45	18.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	17.47	17.57	17.53	18.5	0.0
Channel				370750	376500	382250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	17.47	17.53	17.55	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	17.67	17.90	17.79	19.0	0.0
40	PI/2 BPSK	1	108	17.78	18.01	17.77		
40	PI/2 BPSK	1	214	17.69	17.83	17.57		
40	PI/2 BPSK	108	0	17.61	17.83	17.85	19.0	0.0
40	PI/2 BPSK	108	54	17.77	17.95	17.90	19.0	0.0
40	PI/2 BPSK	108	108	17.90	17.82	17.86	19.0	0.0
40	PI/2 BPSK	216	0	17.68	18.01	17.77		
40	QPSK	1	1	18.03	18.42	18.21	19.0	0.0
40	QPSK	1	108	17.99	18.13	17.92		
40	QPSK	1	214	17.85	17.99	17.85		
40	QPSK	108	0	17.56	17.96	17.52	19.0	0.0
40	QPSK	108	54	17.94	18.14	18.06	19.0	0.0
40	QPSK	108	108	17.88	18.09	18.06	19.0	0.0
40	QPSK	216	0	18.12	18.27	18.07		
40	16QAM	1	1	17.97	18.10	18.19	19.0	0.0
40	64QAM	1	1	17.95	18.06	17.98	19.0	0.0
40	256QAM	1	1	18.12	18.14	18.02	19.0	0.0
Channel				373500	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.07	18.17	18.12	19.0	0.0
Channel				373250	376500	380250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.12	18.20	18.05	19.0	0.0
Channel				373000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.02	18.17	18.13	19.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.04	18.15	18.07	19.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.05	18.18	18.12	19.0	0.0
Channel				370750	376500	382250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.06	18.11	18.13	19.0	0.0

n26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.25	21.24	21.26	22.0	0.0
20	PI/2 BPSK	1	53	21.11	21.17	21.03		
20	PI/2 BPSK	1	104	21.05	21.10	21.05		
20	PI/2 BPSK	50	0	20.95	21.15	21.08	22.0	0.0
20	PI/2 BPSK	50	28	21.00	21.18	21.17	22.0	0.0
20	PI/2 BPSK	50	56	20.90	21.05	21.03	22.0	0.0
20	PI/2 BPSK	100	0	20.99	21.19	20.97		
20	QPSK	1	1	21.32	21.42	21.27	22.0	0.0
20	QPSK	1	53	21.27	21.38	21.28		
20	QPSK	1	104	21.14	21.34	21.18		
20	QPSK	50	0	21.01	21.12	21.08	22.0	0.0
20	QPSK	50	28	21.03	21.22	21.10	22.0	0.0
20	QPSK	50	56	20.88	21.21	21.05	22.0	0.0
20	QPSK	100	0	20.95	21.06	21.02		
20	16QAM	1	1	20.99	21.15	20.94	22.0	0.0
20	64QAM	1	1	20.37	20.71	20.58	21.5	0.5
20	256QAM	1	1	18.47	18.60	18.57	19.5	2.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.16	21.17	21.22	22.0	0.0
Channel				163850	166300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.21	21.17	21.18	22.0	0.0
Channel				163200	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.24	21.17	21.15	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.02	22.08	22.03	23.0	0.0
20	PI/2 BPSK	1	53	21.92	22.04	22.05		
20	PI/2 BPSK	1	104	21.95	22.16	22.02		
20	PI/2 BPSK	50	0	22.00	22.07	21.97	23.0	0.0
20	PI/2 BPSK	50	28	22.05	22.06	22.03	23.0	0.0
20	PI/2 BPSK	50	56	21.95	22.04	22.00	23.0	0.0
20	PI/2 BPSK	100	0	21.98	22.07	22.01		
20	QPSK	1	1	22.24	22.42	22.14	23.0	0.0
20	QPSK	1	53	22.14	22.08	22.08		
20	QPSK	1	104	21.92	22.17	21.94		
20	QPSK	50	0	21.91	22.19	21.96	23.0	0.0
20	QPSK	50	28	22.07	22.21	22.11	23.0	0.0
20	QPSK	50	56	22.00	21.09	22.00	23.0	0.0
20	QPSK	100	0	22.04	22.11	22.09		
20	16QAM	1	1	21.94	22.17	22.00	23.0	0.0
20	64QAM	1	1	20.47	20.68	20.57	21.5	1.5
20	256QAM	1	1	18.51	18.68	18.52	19.5	3.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.91	22.08	21.94	23.0	0.0
Channel				163850	166300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.98	22.07	22.03	23.0	0.0
Channel				163200	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.97	22.11	21.96	23.0	0.0

n30_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.70		19.5	0.0
10	PI/2 BPSK	1	26		18.61			
10	PI/2 BPSK	1	50		18.56			
10	PI/2 BPSK	25	0		18.66		19.5	0.0
10	PI/2 BPSK	25	14		18.59		19.5	0.0
10	PI/2 BPSK	25	27		18.65		19.5	0.0
10	PI/2 BPSK	50	0		18.60			
10	QPSK	1	1		18.76		19.5	0.0
10	QPSK	1	26		18.65			
10	QPSK	1	50		18.51			
10	QPSK	25	0		18.46		19.5	0.0
10	QPSK	25	14		18.55		19.5	0.0
10	QPSK	25	27		18.50		19.5	0.0
10	QPSK	50	0		18.43			
10	16QAM	1	1		18.39		19.5	0.0
10	64QAM	1	1		18.47		19.5	0.0
10	256QAM	1	1		18.44		19.5	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.54	18.68	18.61	19.5	0.0

n30_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		15.42		16.5	0.0
10	PI/2 BPSK	1	26		15.40			
10	PI/2 BPSK	1	50		15.45			
10	PI/2 BPSK	25	0		15.44		16.5	0.0
10	PI/2 BPSK	25	14		15.41		16.5	0.0
10	PI/2 BPSK	25	27		15.42		16.5	0.0
10	PI/2 BPSK	50	0		15.44			
10	QPSK	1	1		15.58		16.5	0.0
10	QPSK	1	26		15.40			
10	QPSK	1	50		15.43			
10	QPSK	25	0		15.41		16.5	0.0
10	QPSK	25	14		15.43		16.5	0.0
10	QPSK	25	27		15.39			
10	QPSK	50	0		15.42		16.5	0.0
10	16QAM	1	1		15.26		16.5	0.0
10	64QAM	1	1		15.34		16.5	0.0
10	256QAM	1	1		14.52		16.5	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	15.48	15.50	15.52	16.5	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency [MHz]				1720	1745	1760		
40	PI/2 BPSK	1	1	18.03	18.21	17.99		
40	PI/2 BPSK	1	108	18.05	18.52	18.02	19.0	0.0
40	PI/2 BPSK	1	214	18.14	18.22	18.19		
40	PI/2 BPSK	108	0	18.08	18.19	18.01	19.0	0.0
40	PI/2 BPSK	108	54	18.06	18.20	18.06	19.0	0.0
40	PI/2 BPSK	108	109	18.04	18.01	18.07	19.0	0.0
40	PI/2 BPSK	216	0	18.07	18.27	18.05		
40	QPSK	1	1	18.21	18.36	18.17		
40	QPSK	1	109	18.13	18.17	18.10	19.0	0.0
40	QPSK	1	214	18.22	18.33	18.22		
40	QPSK	108	0	18.15	18.10	18.05	19.0	0.0
40	QPSK	108	54	18.20	18.23	18.22	19.0	0.0
40	QPSK	108	108	18.02	18.07	18.16	19.0	0.0
40	QPSK	216	0	18.02	18.19	18.17		
40	16QAM	1	1	18.06	18.18	18.18	19.0	0.0
40	64QAM	1	1	18.06	18.13	18.14	19.0	0.0
40	256QAM	1	1	18.06	18.10	18.05	19.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1715	1745	1765		
30	QPSK	1	1	18.14	18.27	18.15	19.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
20	QPSK	1	1	18.04	18.18	17.99	19.0	0.0
Channel				344250	349000	353750	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1711.5	1745	1772.5		
15	QPSK	1	1	18.12	18.34	18.10	19.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1710	1745	1775		
10	QPSK	1	1	18.07	18.25	18.10	19.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
5	QPSK	1	1	18.16	18.34	18.16	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency [MHz]				1720	1745	1760		
40	PI/2 BPSK	1	1	19.97	20.05	20.02		
40	PI/2 BPSK	1	108	19.95	19.97	19.98	21.0	0.0
40	PI/2 BPSK	1	214	19.93	19.93	19.82		
40	PI/2 BPSK	108	0	19.90	20.03	19.92	21.0	0.0
40	PI/2 BPSK	108	54	20.01	20.13	19.95	21.0	0.0
40	PI/2 BPSK	108	108	19.99	20.01	19.92	21.0	0.0
40	PI/2 BPSK	216	0	19.99	20.11	20.00		
40	QPSK	1	1	20.02	20.19	20.02		
40	QPSK	1	108	19.94	20.05	20.04	21.0	0.0
40	QPSK	1	214	19.86	20.00	19.93		
40	QPSK	108	0	19.82	19.90	19.85	21.0	0.0
40	QPSK	108	54	19.79	19.91	19.83	21.0	0.0
40	QPSK	108	108	19.65	19.82	19.66	21.0	0.0
40	QPSK	216	0	19.71	19.76	19.70		
40	16QAM	1	1	19.72	19.77	19.78	21.0	0.0
40	64QAM	1	1	19.65	19.88	19.66	21.0	0.0
40	256QAM	1	1	18.34	18.30	18.22	19.5	1.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1717.5	1745	1762.5		
30	QPSK	1	1	19.90	20.04	19.92	21.0	0.0
Channel				345250	349000	352750	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1716.5	1745	1763.5		
20	QPSK	1	1	19.91	19.96	19.95	21.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1715	1745	1765		
15	QPSK	1	1	19.94	20.00	19.96	21.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1767.5		
10	QPSK	1	1	19.85	19.98	19.97	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1710	1745	1770		
5	QPSK	1	1	19.94	19.99	19.94	21.0	0.0

n70_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency [MHz]					1702.5			
15	PI/2 BPSK	1	1		20.31			
15	PI/2 BPSK	1	40		20.38		21.0	0.0
15	PI/2 BPSK	1	77		20.31			
15	PI/2 BPSK	36	0		20.31		21.0	0.0
15	PI/2 BPSK	36	22		20.26		21.0	0.0
15	PI/2 BPSK	36	43		20.31		21.0	0.0
15	PI/2 BPSK	75	0		20.31			
15	QPSK	1	1		20.47			
15	QPSK	1	40		20.41		21.0	0.0
15	QPSK	1	77		20.29			
15	QPSK	36	0		20.31		21.0	0.0
15	QPSK	36	22		20.46		21.0	0.0
15	QPSK	36	43		20.26		21.0	0.0
15	QPSK	75	0		20.31			
15	16QAM	1	1		20.24		21.0	0.0
15	64QAM	1	1		20.31		21.0	0.0
15	256QAM	1	1		19.09		19.5	1.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1700	1702.5	1705		
10	QPSK	1	1	20.31	20.32	20.25	24.0	0.0
Channel				339750	340500	341250	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1697.5	1702.5	1707.5		
5	QPSK	1	1	20.21	20.28	20.17	24.0	0.0

n70_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency [MHz]					1702.5			
15	PI/2 BPSK	1	1		21.10			
15	PI/2 BPSK	1	40		21.10		22.0	0.0
15	PI/2 BPSK	1	77		21.14			
15	PI/2 BPSK	36	0		21.05		22.0	0.0
15	PI/2 BPSK	36	22		21.09		22.0	0.0
15	PI/2 BPSK	36	43		21.19		22.0	0.0
15	PI/2 BPSK	75	0		21.10			
15	QPSK	1	1		21.20			
15	QPSK	1	40		21.17		22.0	0.0
15	QPSK	1	77		21.17			
15	QPSK	36	0		20.56		22.0	0.0
15	QPSK	36	22		21.17		22.0	0.0
15	QPSK	36	43		21.11		22.0	0.0
15	QPSK	75	0		21.08			
15	16QAM	1	1		21.07		22.0	0.0
15	64QAM	1	1		20.53		21.5	0.5
15	256QAM	1	1		18.54		19.5	2.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1700	1702.5	1705		
5	QPSK	1	1	21.05	21.14	21.11	24.0	0.0
Channel				339750	340500	341250	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1697.5	1702.5	1707.5		
5	QPSK	1	1	21.03	20.97	20.96	24.0	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.14	23.09	23.00	24.0	0.0
20	PI/2 BPSK	1	53	22.87	22.98	22.88		
20	PI/2 BPSK	1	104	22.87	22.96	22.93		
20	PI/2 BPSK	50	0	22.56	22.60	22.53	23.5	0.5
20	PI/2 BPSK	50	28	22.93	22.96	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.35	22.41	22.38	23.5	0.5
20	PI/2 BPSK	100	0	22.38	22.49	22.48		
20	QPSK	1	1	23.18	23.20	23.14	24.0	0.0
20	QPSK	1	53	22.87	22.89	22.80		
20	QPSK	1	104	22.82	22.92	22.89		
20	QPSK	50	0	21.93	22.04	21.95	23.0	1.0
20	QPSK	50	28	22.95	22.99	22.93	24.0	0.0
20	QPSK	50	56	21.89	21.90	21.82	23.0	1.0
20	QPSK	100	0	21.87	21.97	21.96		
20	16QAM	1	1	21.95	22.07	21.96	23.0	1.0
20	64QAM	1	1	20.62	20.67	20.65	21.5	2.5
20	256QAM	1	1	18.77	18.80	18.84	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.91	23.03	22.99	24.0	0.0
Channel				133850	136100	138850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				669	680.5	693		
10	QPSK	1	1	23.02	23.10	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.08	23.15	23.07	24.0	0.0

n71_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.11	23.09	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.81	22.98	22.81		
20	PI/2 BPSK	1	104	22.73	22.81	22.73		
20	PI/2 BPSK	50	0	22.51	22.48	22.45	23.5	0.5
20	PI/2 BPSK	50	28	22.90	22.94	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.55	22.61	22.44	23.5	0.5
20	PI/2 BPSK	100	0	22.58	22.47	22.45		
20	QPSK	1	1	23.00	23.12	22.98	24.0	0.0
20	QPSK	1	53	22.87	22.96	22.87		
20	QPSK	1	104	22.83	22.85	22.73		
20	QPSK	50	0	22.08	22.11	22.09	23.0	1.0
20	QPSK	50	28	22.87	22.95	22.91	24.0	0.0
20	QPSK	50	56	21.95	22.03	22.02	23.0	1.0
20	QPSK	100	0	22.10	22.20	22.14		
20	16QAM	1	1	22.00	22.02	22.05	23.0	1.0
20	64QAM	1	1	20.54	20.48	20.50	21.5	2.5
20	256QAM	1	1	18.68	18.63	18.65	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.85	22.95	22.89	24.0	0.0
Channel				133850	136100	138850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				669	680.5	693		
10	QPSK	1	1	23.02	23.11	23.00	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.99	23.06	23.03	24.0	0.0

n41_FCC_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.98	15.87	15.76	17.5	0.0
100	PI/2 BPSK	1	137	15.73	16.13	15.84		
100	PI/2 BPSK	1	271	15.80	15.92	15.86		
100	PI/2 BPSK	135	0	15.71	15.83	15.71	17.5	0.0
100	PI/2 BPSK	135	69	15.77	15.76	15.73	17.5	0.0
100	PI/2 BPSK	135	138	15.59	15.76	15.80	17.5	0.0
100	PI/2 BPSK	270	0	15.75	15.84	15.67		
100	QPSK	1	1	16.09	16.13	16.00	17.5	0.0
100	QPSK	1	137	16.09	16.34	16.14		
100	QPSK	1	271	16.00	16.09	15.95		
100	QPSK	135	0	16.05	16.14	16.02	17.5	0.0
100	QPSK	135	69	16.12	16.16	16.15		
100	QPSK	135	138	15.95	16.04	15.98		
100	QPSK	270	0	16.02	16.12	15.98	17.5	0.0
100	16QAM	1	1	15.84	15.86	15.76	17.5	0.0
100	64QAM	1	1	16.06	16.10	16.01	17.5	0.0
100	256QAM	1	1	16.00	16.11	16.08	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.87	16.05	16.13	17.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.94	16.09	16.03	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.08	16.11	16.05	17.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.06	16.15	15.99	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.96	16.18	16.11	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.06	16.08	16.12	17.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.05	16.16	16.06	17.5	0.0

n41_FCC_Ant 1_HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.33	19.31	19.22	20.5	0.0
100	PI/2 BPSK	1	137	19.17	19.28	19.25		
100	PI/2 BPSK	1	271	19.42	19.36	19.40		
100	PI/2 BPSK	135	0	19.08	19.29	19.11	20.5	0.0
100	PI/2 BPSK	135	69	19.19	19.23	19.07	20.5	0.0
100	PI/2 BPSK	135	138	19.21	19.24	19.22	20.5	0.0
100	PI/2 BPSK	270	0	19.08	19.12	18.97		
100	QPSK	1	1	19.18	19.12	18.92	20.5	0.0
100	QPSK	1	137	19.30	19.45	19.29		
100	QPSK	1	271	19.16	19.31	19.21		
100	QPSK	135	0	19.24	19.20	19.17	20.5	0.0
100	QPSK	135	69	19.27	19.38	19.22		
100	QPSK	135	138	19.22	19.32	19.13		
100	QPSK	270	0	19.25	19.37	19.23	20.5	0.0
100	16QAM	1	1	19.13	19.40	19.28	20.5	0.0
100	64QAM	1	1	19.19	19.44	19.27	20.5	0.0
100	256QAM	1	1	19.27	19.34	19.28	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.23	19.29	19.10	20.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.18	19.32	19.20	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.12	19.36	19.16	20.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.12	19.23	19.11	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.11	19.37	19.06	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.09	19.20	19.16	20.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.20	19.20	19.19	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.19	17.10	17.03	18.5	0.0
100	PI/2 BPSK	1	137	17.02	17.25	17.03		
100	PI/2 BPSK	1	271	17.07	17.15	17.14		
100	PI/2 BPSK	135	0	16.80	17.05	16.86	18.5	0.0
100	PI/2 BPSK	135	69	16.85	16.90	16.79	18.5	0.0
100	PI/2 BPSK	135	138	16.90	17.00	16.91	18.5	0.0
100	PI/2 BPSK	270	0	16.85	16.86	16.96		
100	QPSK	1	1	17.11	17.09	17.01	18.5	0.0
100	QPSK	1	137	17.03	17.26	17.15		
100	QPSK	1	271	16.97	17.21	17.10		
100	QPSK	135	0	17.06	17.09	17.07	18.5	0.0
100	QPSK	135	69	16.97	17.15	17.00		
100	QPSK	135	138	16.84	16.95	16.84		
100	QPSK	270	0	16.90	17.12	16.98	18.5	0.0
100	16QAM	1	1	17.09	17.10	17.12	18.5	0.0
100	64QAM	1	1	16.97	17.09	16.85	18.5	0.0
100	256QAM	1	1	16.86	17.04	16.98	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.93	17.23	17.07	18.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.94	17.09	17.04	18.5	0.0
Channel				506205	518598	531585	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.93	17.25	16.99	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.92	17.10	17.11	18.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.89	17.10	17.02	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.94	17.11	17.00	18.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.86	17.22	17.11	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.96	20.15	20.11	21.5	0.0
100	PI/2 BPSK	1	137	20.17	20.21	20.18		
100	PI/2 BPSK	1	271	19.87	20.15	19.85		
100	PI/2 BPSK	135	0	19.88	20.21	20.08	21.5	0.0
100	PI/2 BPSK	135	69	19.99	20.11	20.16	21.5	0.0
100	PI/2 BPSK	135	138	20.27	20.28	20.18	21.5	0.0
100	PI/2 BPSK	270	0	19.99	20.27	19.86		
100	QPSK	1	1	20.03	20.21	20.15	21.5	0.0
100	QPSK	1	137	20.35	20.43	20.24		
100	QPSK	1	271	20.16	20.19	20.15		
100	QPSK	135	0	20.06	20.18	20.03	21.5	0.0
100	QPSK	135	69	20.18	20.32	20.07		
100	QPSK	135	138	20.05	20.27	20.02		
100	QPSK	270	0	20.05	20.28	20.14	21.5	0.0
100	16QAM	1	1	20.21	20.31	20.24	21.5	0.0
100	64QAM	1	1	20.03	20.15	20.22	21.5	0.0
100	256QAM	1	1	20.22	20.31	20.12	21.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.19	20.41	20.07	21.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.20	20.29	20.18	21.5	0.0
Channel				506205	518598	531585	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.17	20.41	20.19	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.26	20.40	20.07	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.21	20.40	20.20	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.33	20.28	20.14	21.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.23	20.32	20.12	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2562.99	2640		
100	PI/2 BPSK	1	1	14.33	14.19	14.64	16.0	0.0
100	PI/2 BPSK	1	137	14.64	14.79	15.59		
100	PI/2 BPSK	1	271	14.84	15.02	15.39		
100	PI/2 BPSK	135	0	14.51	14.54	15.34	16.0	0.0
100	PI/2 BPSK	135	69	14.61	14.78	15.20	16.0	0.0
100	PI/2 BPSK	135	138	14.86	14.94	15.42	16.0	0.0
100	PI/2 BPSK	270	0	14.59	14.00	14.55		
100	QPSK	1	1	14.32	14.73	15.40	16.0	0.0
100	QPSK	1	137	15.08	15.18	15.61		
100	QPSK	1	271	14.60	14.27	14.71		
100	QPSK	135	0	14.37	14.65	15.14	16.0	0.0
100	QPSK	135	69	14.68	14.89	15.45		
100	QPSK	135	138	14.62	14.71	15.24		
100	QPSK	270	0	13.92	14.11	14.50	16.0	0.0
100	16QAM	1	1	14.52	14.09	14.33	16.0	0.0
100	64QAM	1	1	14.65	13.94	14.28	16.0	0.0
100	256QAM	1	1	12.31	12.32	12.95	14.0	2.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2562.99	2644.98		
90	QPSK	1	1	14.94	15.15	15.50	16.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2562.99	2649.99		
80	QPSK	1	1	14.93	15.14	15.58	16.0	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2562.99	2659.98		
60	QPSK	1	1	15.04	15.02	15.55	16.0	0.0
Channel				509424	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2562.99	2664.99		
50	QPSK	1	1	15.05	15.13	15.43	16.0	0.0
Channel				510852	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2616.01	2562.99	2670		
40	QPSK	1	1	14.92	15.00	15.57	16.0	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2562.99	2674.98		
30	QPSK	1	1	14.99	15.03	15.51	16.0	0.0
Channel				513424	518598	538998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2562.99	2679.99		
20	QPSK	1	1	14.94	15.14	15.46	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2562.99	2640		
100	PI/2 BPSK	1	1	16.52	16.84	17.23	19.0	0.0
100	PI/2 BPSK	1	137	16.83	17.39	17.56		
100	PI/2 BPSK	1	271	17.03	17.68	17.82		
100	PI/2 BPSK	135	0	16.81	16.17	16.40	19.0	0.0
100	PI/2 BPSK	135	69	16.99	17.41	17.76	19.0	0.0
100	PI/2 BPSK	135	138	16.10	16.62	17.09	19.0	0.0
100	PI/2 BPSK	270	0	16.15	16.40	16.99		
100	QPSK	1	1	17.52	17.58	17.82	19.0	0.0
100	QPSK	1	137	17.38	17.84	18.13		
100	QPSK	1	271	17.20	17.64	17.92		
100	QPSK	135	0	17.40	17.77	18.05	19.0	0.0
100	QPSK	135	69	17.34	17.79	18.10		
100	QPSK	135	138	17.17	17.65	17.99		
100	QPSK	270	0	17.32	17.71	17.96	19.0	0.0
100	16QAM	1	1	16.69	17.17	17.52	19.0	0.0
100	64QAM	1	1	16.86	17.43	17.80	19.0	0.0
100	256QAM	1	1	14.84	15.35	15.61	17.0	2.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2562.99	2644.98		
90	QPSK	1	1	17.35	17.67	17.97	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2562.99	2649.99		
80	QPSK	1	1	17.20	17.78	18.08	19.0	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2562.99	2659.98		
60	QPSK	1	1	17.29	17.67	18.09	19.0	0.0
Channel				509424	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2562.99	2664.99		
50	QPSK	1	1	17.20	17.69	18.01	19.0	0.0
Channel				510852	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2616.01	2562.99	2670		
40	QPSK	1	1	17.26	17.74	18.12	19.0	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2562.99	2674.98		
30	QPSK	1	1	17.31	17.68	18.09	19.0	0.0
Channel				513424	518598	538998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2562.99	2679.99		
20	QPSK	1	1	17.35	17.83	18.10	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.05	18.01	17.90	19.0	0.0
100	PI/2 BPSK	1	137	17.97	18.15	17.81		
100	PI/2 BPSK	1	271	17.89	18.07	17.77		
100	PI/2 BPSK	135	0	17.93	18.05	17.84	19.0	0.0
100	PI/2 BPSK	135	69	17.89	17.96	17.81	19.0	0.0
100	PI/2 BPSK	135	138	17.82	17.93	17.69	19.0	0.0
100	PI/2 BPSK	270	0	17.84	18.03	17.71		
100	QPSK	1	1	17.99	17.93	17.77	19.0	0.0
100	QPSK	1	137	18.07	18.17	17.92		
100	QPSK	1	271	17.92	17.99	17.83		
100	QPSK	135	0	17.88	18.01	17.72	19.0	0.0
100	QPSK	135	69	17.94	18.05	17.87		
100	QPSK	135	138	17.84	17.93	17.68		
100	QPSK	270	0	17.85	17.89	17.73	19.0	0.0
100	16QAM	1	1	17.85	17.93	17.83	19.0	0.0
100	64QAM	1	1	17.87	17.99	17.76	19.0	0.0
100	256QAM	1	1	16.42	16.50	16.31	17.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.96	18.11	17.78	19.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.90	18.07	17.77	19.0	0.0
Channel				506200	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.93	18.12	17.83	19.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.99	18.10	17.77	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.93	18.04	17.87	19.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.95	18.14	17.76	19.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.93	18.09	17.80	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.94	21.02	20.90	22.0	0.0
100	PI/2 BPSK	1	137	20.96	21.04	20.85		
100	PI/2 BPSK	1	271	20.98	21.06	20.96		
100	PI/2 BPSK	135	0	20.83	20.95	20.80	22.0	0.0
100	PI/2 BPSK	135	69	20.82	20.88	20.69	22.0	0.0
100	PI/2 BPSK	135	138	20.79	20.94	20.80	22.0	0.0
100	PI/2 BPSK	270	0	20.92	20.89	20.79		
100	QPSK	1	1	20.87	21.03	20.91	22.0	0.0
100	QPSK	1	137	21.05	21.17	20.98		
100	QPSK	1	271	20.77	20.87	20.74		
100	QPSK	135	0	20.81	20.93	20.78	22.0	0.0
100	QPSK	135	69	20.82	21.02	20.92		
100	QPSK	135	138	20.93	20.87	20.78		
100	QPSK	270	0	20.81	20.85	20.75	22.0	0.0
100	16QAM	1	1	20.91	20.95	20.69	22.0	0.0
100	64QAM	1	1	20.82	20.92	20.95	22.0	0.0
100	256QAM	1	1	19.64	19.66	19.53	20.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.90	21.00	20.95	22.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.04	21.15	20.82	22.0	0.0
Channel				506200	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.92	21.15	20.86	22.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.99	21.16	20.97	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.02	21.15	20.96	22.0	0.0
Channel				502202	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.89	20.99	20.89	22.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.04	21.02	20.95	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	643332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.96	17.11	16.88	18.0	0.0
40	PI/2 BPSK	1	53	16.96	17.08	16.94		
40	PI/2 BPSK	1	104	16.89	17.08	16.91		
40	PI/2 BPSK	50	0	16.80	17.12	16.94	18.0	0.0
40	PI/2 BPSK	50	28	16.82	17.07	16.86	18.0	0.0
40	PI/2 BPSK	50	56	16.82	17.12	16.86	18.0	0.0
40	PI/2 BPSK	100	0	16.83	17.08	16.88		
40	QPSK	1	1	16.97	17.15	16.96	18.0	0.0
40	QPSK	1	53	16.85	16.99	16.92		
40	QPSK	1	104	16.89	17.09	16.93		
40	QPSK	50	0	16.73	16.91	16.79	18.0	0.0
40	QPSK	50	28	16.76	17.06	16.79		
40	QPSK	50	56	16.79	16.92	16.85		
40	QPSK	100	0	16.84	17.02	16.82	18.0	0.0
40	16QAM	1	1	16.84	17.04	16.82	18.0	0.0
40	64QAM	1	1	16.86	16.93	16.84	18.0	0.0
40	256QAM	1	1	16.74	17.00	16.84	18.0	0.0
Channel				637334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3573.01	3624.99	3690		
20	QPSK	1	1	16.86	17.09	16.95	18.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.89	17.06	16.86	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	15.45	15.61	15.42	16.5	0.0
100	PI/2-BPSK	1	137	15.63	15.55	15.57		
100	PI/2-BPSK	1	271	15.42	15.55	15.51		
100	PI/2-BPSK	135	0	15.50	15.68	15.42	16.5	0.0
100	PI/2-BPSK	135	69	15.50	15.59	15.49	16.5	0.0
100	PI/2-BPSK	135	138	15.52	15.41	15.46	16.5	0.0
100	PI/2-BPSK	270	0	15.51	15.68	15.30		
100	QPSK	1	1	15.55	15.73	15.58	16.5	0.0
100	QPSK	1	137	15.48	15.68	15.44		
100	QPSK	1	271	15.38	15.63	15.53		
100	QPSK	135	0	15.45	15.30	15.22	16.5	0.0
100	QPSK	135	69	15.42	15.52	15.40		
100	QPSK	135	138	15.51	15.47	15.44		
100	QPSK	270	0	15.50	15.68	15.43	16.5	0.0
100	16QAM	1	1	15.47	15.38	15.36	16.5	0.0
100	64QAM	1	1	15.43	15.53	15.39	16.5	0.0
100	256QAM	1	1	15.47	15.68	15.48	16.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	15.37	15.60	15.45	16.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	15.48	15.64	15.56	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	15.45	15.70	15.42	16.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	15.52	15.63	15.49	16.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	15.48	15.68	15.44	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	15.50	15.65	15.44	16.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	15.37	15.56	15.42	16.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	15.51	15.56	15.57	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	18.38	18.58	18.34	19.5	0.0
100	PI/2-BPSK	1	137	18.66	18.65	18.52		
100	PI/2-BPSK	1	271	18.48	18.52	18.37		
100	PI/2-BPSK	135	0	18.37	18.39	18.11	19.5	0.0
100	PI/2-BPSK	135	69	18.46	18.40	18.20	19.5	0.0
100	PI/2-BPSK	135	138	18.62	18.71	18.35	19.5	0.0
100	PI/2-BPSK	270	0	18.45	18.53	18.45		
100	QPSK	1	1	18.61	18.77	18.43	19.5	0.0
100	QPSK	1	137	18.28	18.44	18.21		
100	QPSK	1	271	18.48	18.43	18.40		
100	QPSK	135	0	18.16	18.27	18.47	19.5	0.0
100	QPSK	135	69	18.37	18.52	18.24		
100	QPSK	135	138	18.42	18.48	18.63		
100	QPSK	270	0	18.18	18.38	18.34	19.5	0.0
100	16QAM	1	1	18.40	18.40	18.05	19.5	0.0
100	64QAM	1	1	18.37	18.54	18.33	19.5	0.0
100	256QAM	1	1	18.29	18.35	18.53	19.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	18.44	18.68	18.31	19.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	18.35	18.71	18.29	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	18.46	18.68	18.42	19.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	18.32	18.73	18.42	19.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	18.33	18.73	18.41	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	18.47	18.76	18.37	19.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	18.40	18.76	18.38	19.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	18.44	18.60	18.41	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.03		16.5	0.0
100	PI/2 BPSK	1	137		15.53			
100	PI/2 BPSK	1	271		15.43			
100	PI/2 BPSK	135	0		15.58		16.5	0.0
100	PI/2 BPSK	135	69		15.37		16.5	0.0
100	PI/2 BPSK	135	138		15.37		16.5	0.0
100	PI/2 BPSK	270	0		15.52			
100	QPSK	1	1		15.65		16.5	0.0
100	QPSK	1	137		15.20			
100	QPSK	1	271		15.49			
100	QPSK	135	0		15.13		16.5	0.0
100	QPSK	135	69		15.54			
100	QPSK	135	138		15.42			
100	QPSK	270	0		15.45		16.5	0.0
100	16QAM	1	1		15.29		16.5	0.0
100	64QAM	1	1		15.42		16.5	0.0
100	256QAM	1	1		15.52		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	15.41	15.44	15.49	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3432.02	3499.98	3568		
80	QPSK	1	1	15.51	15.56	15.54	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3398.02	3499.98	3601.98		
70	QPSK	1	1	15.63	15.58	15.56	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.99		
60	QPSK	1	1	15.57	15.49	15.55	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3431.98	3499.98	3568		
50	QPSK	1	1	15.57	15.58	15.52	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3397.98	3499.98	3601.98		
40	QPSK	1	1	15.53	15.47	15.57	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.53	15.47	15.58	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3432.02	3499.98	3568		
20	QPSK	1	1	15.50	15.62	15.37	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.67		19.5	0.0
100	PI/2 BPSK	1	137		18.59			
100	PI/2 BPSK	1	271		18.38			
100	PI/2 BPSK	135	0		18.38		19.5	0.0
100	PI/2 BPSK	135	69		18.34		19.5	0.0
100	PI/2 BPSK	135	138		18.68		19.5	0.0
100	PI/2 BPSK	270	0		18.48			
100	QPSK	1	1		18.71		19.5	0.0
100	QPSK	1	137		18.26			
100	QPSK	1	271		18.41			
100	QPSK	135	0		18.13		19.5	0.0
100	QPSK	135	69		18.48			
100	QPSK	135	138		18.28			
100	QPSK	270	0		18.37		19.5	0.0
100	16QAM	1	1		18.38		19.5	0.0
100	64QAM	1	1		18.55		19.5	0.0
100	256QAM	1	1		18.25		19.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	18.57	18.64	18.54	19.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3432.02	3499.98	3568		
80	QPSK	1	1	18.60	18.68	18.70	19.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3398.02	3499.98	3601.98		
70	QPSK	1	1	18.70	18.64	18.65	19.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.99		
60	QPSK	1	1	18.64	18.54	18.65	19.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3431.98	3499.98	3568		
50	QPSK	1	1	18.58	18.58	18.53	19.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3397.98	3499.98	3601.98		
40	QPSK	1	1	18.54	18.58	18.60	19.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.54	18.69	18.63	19.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3432.02	3499.98	3568		
20	QPSK	1	1	18.66	18.59	18.70	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3890	3930		
100	PI/2 BPSK	1	1	16.55	16.58	16.41	17.5	0.0
100	PI/2 BPSK	1	137	16.59	16.63	16.46		
100	PI/2 BPSK	1	271	16.57	16.58	16.44		
100	PI/2 BPSK	135	0	16.49	16.40	16.33	17.5	0.0
100	PI/2 BPSK	135	69	16.54	16.57	16.35	17.5	0.0
100	PI/2 BPSK	135	138	16.58	16.52	16.40	17.5	0.0
100	PI/2 BPSK	270	0	16.53	16.41	16.36		
100	QPSK	1	1	16.61	16.70	16.53	17.5	0.0
100	QPSK	1	137	16.40	16.45	16.26		
100	QPSK	1	271	16.52	16.55	16.37		
100	QPSK	135	0	16.42	16.45	16.34	17.5	0.0
100	QPSK	135	69	16.44	16.63	16.30		
100	QPSK	135	138	16.48	16.57	16.38		
100	QPSK	270	0	16.50	16.57	16.38	17.5	0.0
100	16QAM	1	1	16.44	16.54	16.32	17.5	0.0
100	64QAM	1	1	16.57	16.54	16.37	17.5	0.0
100	256QAM	1	1	16.41	16.52	16.41	17.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3890	3930.38		
90	QPSK	1	1	16.49	16.49	16.41	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3890	3930.98		
80	QPSK	1	1	16.43	16.58	16.35	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3890	3930		
70	QPSK	1	1	16.58	16.66	16.43	17.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3890	3929.98		
60	QPSK	1	1	16.47	16.43	16.27	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3890	3930.38		
50	QPSK	1	1	16.45	16.55	16.35	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3890	3930		
40	QPSK	1	1	16.49	16.66	16.37	17.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3890.00	3929.98		
30	QPSK	1	1	16.49	16.64	16.43	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.98	3890	3930.38		
20	QPSK	1	1	16.56	16.52	16.40	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3890	3930		
100	PI/2 BPSK	1	1	19.58	19.64	19.37	20.5	0.0
100	PI/2 BPSK	1	137	19.58	19.61	19.38		
100	PI/2 BPSK	1	271	19.54	19.57	19.39		
100	PI/2 BPSK	135	0	19.44	19.53	19.27	20.5	0.0
100	PI/2 BPSK	135	69	19.49	19.55	19.38	20.5	0.0
100	PI/2 BPSK	135	138	19.42	19.49	19.28	20.5	0.0
100	PI/2 BPSK	270	0	19.50	19.46	19.28		
100	QPSK	1	1	19.62	19.71	19.53	20.5	0.0
100	QPSK	1	137	19.45	19.53	19.23		
100	QPSK	1	271	19.37	19.59	19.29		
100	QPSK	135	0	19.42	19.43	19.24	20.5	0.0
100	QPSK	135	69	19.49	19.39	19.29		
100	QPSK	135	138	19.43	19.48	19.24		
100	QPSK	270	0	19.53	19.54	19.35	20.5	0.0
100	16QAM	1	1	19.55	19.63	19.35	20.5	0.0
100	64QAM	1	1	19.52	19.58	19.27	20.5	0.0
100	256QAM	1	1	19.49	19.42	19.34	20.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3890	3930.38		
90	QPSK	1	1	19.45	19.64	19.31	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3890	3930.98		
80	QPSK	1	1	19.60	19.60	19.46	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3890	3930		
70	QPSK	1	1	19.44	19.70	19.35	20.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3890	3929.98		
60	QPSK	1	1	19.58	19.57	19.37	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3890	3930.38		
50	QPSK	1	1	19.59	19.59	19.52	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3890	3930		
40	QPSK	1	1	19.53	19.55	19.53	20.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3890.00	3929.98		
30	QPSK	1	1	19.51	19.62	19.42	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.98	3890	3930.38		
20	QPSK	1	1	19.52	19.54	19.38	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3490.98			
100	P/2-BPSK	1	1		16.47		17.5	0.0
100	P/2-BPSK	1	137		16.65			
100	P/2-BPSK	1	271		16.45			
100	P/2-BPSK	135	0		16.34		17.5	0.0
100	P/2-BPSK	135	69		16.45		17.5	0.0
100	P/2-BPSK	135	138		16.49		17.5	0.0
100	P/2-BPSK	270	0		16.45			
100	QPSK	1	1		16.63		17.5	0.0
100	QPSK	1	137		16.39			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.28		17.5	0.0
100	QPSK	135	69		16.61			
100	QPSK	135	138		16.65			
100	QPSK	270	0		16.54		17.5	0.0
100	16QAM	1	1		16.55		17.5	0.0
100	64QAM	1	1		16.51		17.5	0.0
100	256QAM	1	1		16.49		17.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3490.98	3516.98		
90	QPSK	1	1	16.46	16.47	16.37	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3490.98	3518		
80	QPSK	1	1	16.55	16.49	16.57	17.5	0.0
Channel				632334	633332	634330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3490.98	3516.98		
70	QPSK	1	1	16.54	16.53	16.59	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3490.98	3516.98		
60	QPSK	1	1	16.59	16.55	16.58	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3490.98	3520		
50	QPSK	1	1	16.47	16.52	16.45	17.5	0.0
Channel				631334	633332	635330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3461.01	3490.98	3520.98		
40	QPSK	1	1	16.49	16.52	16.60	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3490.98	3522.98		
30	QPSK	1	1	16.55	16.49	16.49	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3458.02	3490.98	3540		
20	QPSK	1	1	16.49	16.49	16.52	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3490.98			
100	P/2-BPSK	1	1		19.12		20.5	0.0
100	P/2-BPSK	1	137		19.01			
100	P/2-BPSK	1	271		19.42			
100	P/2-BPSK	135	0		19.01		20.5	0.0
100	P/2-BPSK	135	69		19.40		20.5	0.0
100	P/2-BPSK	135	138		19.36		20.5	0.0
100	P/2-BPSK	270	0		19.31			
100	QPSK	1	1		19.67		20.5	0.0
100	QPSK	1	137		19.01			
100	QPSK	1	271		19.12			
100	QPSK	135	0		19.37		20.5	0.0
100	QPSK	135	69		19.01			
100	QPSK	135	138		19.32			
100	QPSK	270	0		19.38			
100	16QAM	1	1		19.59		20.5	0.0
100	64QAM	1	1		19.48		20.5	0.0
100	256QAM	1	1		19.32		20.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3490.98	3516.98		
90	QPSK	1	1	19.38	19.66	19.63	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3490.98	3518		
80	QPSK	1	1	19.38	19.62	19.55	20.5	0.0
Channel				632334	633332	634330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3490.98	3516.98		
70	QPSK	1	1	19.38	19.66	19.63	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3490.98	3516.98		
60	QPSK	1	1	19.42	19.51	19.59	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3490.98	3520		
50	QPSK	1	1	19.38	19.61	19.66	20.5	0.0
Channel				631334	633332	635330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3461.01	3490.98	3520.98		
40	QPSK	1	1	19.34	19.66	19.65	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3490.98	3522.98		
30	QPSK	1	1	19.43	19.27	19.63	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3458.02	3490.98	3540		
20	QPSK	1	1	19.38	19.59	19.51	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	13.61	13.92	13.49	15.5	0.0
100	PI/2-BPSK	1	137	13.63	13.75	13.41		
100	PI/2-BPSK	1	271	14.21	13.63	13.35		
100	PI/2-BPSK	135	0	13.94	13.83	13.38	15.5	0.0
100	PI/2-BPSK	135	69	13.65	13.91	13.33	15.5	0.0
100	PI/2-BPSK	135	138	13.76	13.74	13.23	15.5	0.0
100	PI/2-BPSK	270	0	13.84	13.75	13.38		
100	QPSK	1	1	14.42	14.37	13.83	15.5	0.0
100	QPSK	1	137	13.69	13.79	13.48		
100	QPSK	1	271	13.75	13.73	13.23		
100	QPSK	135	0	13.85	13.83	13.32	15.5	0.0
100	QPSK	135	69	13.99	13.84	13.31		
100	QPSK	135	138	13.82	13.78	13.28		
100	QPSK	270	0	13.81	13.84	13.25	15.5	0.0
100	16QAM	1	1	13.81	13.86	13.48	15.5	0.0
100	64QAM	1	1	13.75	13.87	13.25	15.5	0.0
100	256QAM	1	1	13.88	13.92	13.21	15.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	14.00	13.90	13.44	15.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	13.89	13.84	13.36	15.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	13.92	13.79	13.44	15.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	14.00	13.84	13.46	15.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.01	3840	3940.99		
50	QPSK	1	1	13.91	13.81	13.52	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
40	QPSK	1	1	13.88	13.78	13.37	15.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3840.00	3948.98		
30	QPSK	1	1	13.92	13.89	13.39	15.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3729.01	3840	3950.99		
20	QPSK	1	1	13.95	13.84	13.43	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	17.38	17.18	17.09	18.5	0.0
100	PI/2-BPSK	1	137	17.46	17.21	17.14		
100	PI/2-BPSK	1	271	17.38	17.22	17.20		
100	PI/2-BPSK	135	0	17.20	17.02	16.87	18.5	0.0
100	PI/2-BPSK	135	69	17.27	17.01	16.93	18.5	0.0
100	PI/2-BPSK	135	138	17.33	17.03	17.02	18.5	0.0
100	PI/2-BPSK	270	0	17.46	17.17	17.16		
100	QPSK	1	1	17.52	17.33	17.19	18.5	0.0
100	QPSK	1	137	17.32	17.07	16.92		
100	QPSK	1	271	17.40	17.12	16.98		
100	QPSK	135	0	17.22	17.13	17.00	18.5	0.0
100	QPSK	135	69	17.40	17.08	16.96		
100	QPSK	135	138	17.32	17.11	17.02		
100	QPSK	270	0	17.20	17.09	17.03	18.5	0.0
100	16QAM	1	1	17.34	17.14	17.13	18.5	0.0
100	64QAM	1	1	17.36	17.08	16.98	18.5	0.0
100	256QAM	1	1	17.35	17.09	16.98	18.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	17.38	17.08	17.01	18.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	17.46	17.17	17.15	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	17.47	17.31	17.05	18.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	17.35	17.22	17.08	18.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.01	3840	3940.99		
50	QPSK	1	1	17.41	17.25	17.02	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
40	QPSK	1	1	17.38	17.25	17.14	18.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3840.00	3948.98		
30	QPSK	1	1	17.47	17.15	17.08	18.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3729.01	3840	3950.99		
20	QPSK	1	1	17.44	17.18	17.07	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		14.40		15.5	0.0
100	P/2-BPSK	1	137		14.53			
100	P/2-BPSK	1	271		14.47			
100	P/2-BPSK	135	0		14.22		15.5	0.0
100	P/2-BPSK	135	69		14.23		15.5	0.0
100	P/2-BPSK	135	138		14.47		15.5	0.0
100	P/2-BPSK	270	0		14.35			
100	QPSK	1	1		14.59		15.5	0.0
100	QPSK	1	137		14.39			
100	QPSK	1	271		14.53			
100	QPSK	135	0		14.33		15.5	0.0
100	QPSK	135	69		14.52			
100	QPSK	135	138		14.51			
100	QPSK	270	0		14.38		15.5	0.0
100	16QAM	1	1		14.27		15.5	0.0
100	64QAM	1	1		14.53		15.5	0.0
100	256QAM	1	1		14.40		15.5	0.0
Channel				630000	633332	636664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
90	QPSK	1	1	14.45	14.44	14.47	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3484.02	3499.98	3515		
80	QPSK	1	1	14.42	14.42	14.54	15.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.01	3499.98	3519.98		
70	QPSK	1	1	14.49	14.51	14.43	15.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
60	QPSK	1	1	14.40	14.49	14.49	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3550		
50	QPSK	1	1	14.51	14.49	14.53	15.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.41	14.44	14.54	15.5	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
30	QPSK	1	1	14.41	14.42	14.44	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3550		
20	QPSK	1	1	14.51	14.54	14.54	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		17.67		18.5	0.0
100	P/2-BPSK	1	137		17.94			
100	P/2-BPSK	1	271		18.00			
100	P/2-BPSK	135	0		17.68		18.5	0.0
100	P/2-BPSK	135	69		17.69		18.5	0.0
100	P/2-BPSK	135	138		17.82		18.5	0.0
100	P/2-BPSK	270	0		17.99			
100	QPSK	1	1		18.10		18.5	0.0
100	QPSK	1	137		17.92			
100	QPSK	1	271		17.93			
100	QPSK	135	0		17.67		18.5	0.0
100	QPSK	135	69		17.96			
100	QPSK	135	138		17.79			
100	QPSK	270	0		17.97		18.5	0.0
100	16QAM	1	1		17.94		18.5	0.0
100	64QAM	1	1		17.82		18.5	0.0
100	256QAM	1	1		17.91		18.5	0.0
Channel				630000	633332	636664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
90	QPSK	1	1	17.96	18.08	18.00	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3484.02	3499.98	3515		
80	QPSK	1	1	17.83	17.94	18.09	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.01	3499.98	3519.98		
70	QPSK	1	1	18.00	17.97	17.92	18.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
60	QPSK	1	1	17.87	18.05	17.94	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3550		
50	QPSK	1	1	17.87	17.98	17.96	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.96	18.03	17.97	18.5	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98		
30	QPSK	1	1	18.08	18.05	17.94	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3550		
20	QPSK	1	1	17.95	17.96	18.00	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	15.68	15.51	15.06	17.0	0.0
100	PI/2-BPSK	1	137	15.49	15.45	15.04		
100	PI/2-BPSK	1	271	15.53	15.36	14.95		
100	PI/2-BPSK	135	0	15.53	15.34	14.89	17.0	0.0
100	PI/2-BPSK	135	69	15.47	15.44	15.04	17.0	
100	PI/2-BPSK	135	138	15.31	15.24	14.78	17.0	0.0
100	PI/2-BPSK	270	0	15.39	15.22	14.70		
100	QPSK	1	1	15.79	15.73	14.99	17.0	0.0
100	QPSK	1	137	15.52	15.42	15.02		
100	QPSK	1	271	15.41	15.32	14.89		
100	QPSK	135	0	15.20	15.19	14.79	17.0	0.0
100	QPSK	135	69	15.62	15.43	14.96		
100	QPSK	135	138	15.40	15.24	14.87		
100	QPSK	270	0	15.20	15.18	14.69	17.0	0.0
100	16QAM	1	1	15.59	15.49	15.10	17.0	0.0
100	64QAM	1	1	15.38	15.23	15.24	17.0	0.0
100	256QAM	1	1	15.30	15.26	15.22	17.0	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	15.52	15.49	14.93	17.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	15.61	15.41	14.91	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3700	3840	3980		
70	QPSK	1	1	15.61	15.38	14.98	17.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3703.02	3840	3976.98		
60	QPSK	1	1	15.58	15.45	14.94	17.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3706.01	3840	3973.99		
50	QPSK	1	1	15.60	15.35	14.94	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	15.52	15.38	14.97	17.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3753.02	3840.00	3926.98		
30	QPSK	1	1	15.63	15.40	14.93	17.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3756.01	3840	3923.99		
20	QPSK	1	1	15.54	15.39	14.94	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	18.87	18.62	18.21	20.0	0.0
100	PI/2-BPSK	1	137	18.76	18.73	18.20		
100	PI/2-BPSK	1	271	18.80	18.73	18.16		
100	PI/2-BPSK	135	0	18.80	18.47	18.16	20.0	0.0
100	PI/2-BPSK	135	69	18.98	18.45	18.05	20.0	0.0
100	PI/2-BPSK	135	138	18.71	18.65	18.12	20.0	0.0
100	PI/2-BPSK	270	0	18.76	18.72	17.98		
100	QPSK	1	1	18.92	18.60	18.23	20.0	0.0
100	QPSK	1	137	18.72	18.53	18.20		
100	QPSK	1	271	18.71	18.57	18.05		
100	QPSK	135	0	18.88	18.58	17.99	20.0	0.0
100	QPSK	135	69	18.78	18.44	18.10		
100	QPSK	135	138	18.62	18.67	18.18		
100	QPSK	270	0	18.73	18.60	18.04	20.0	0.0
100	16QAM	1	1	18.94	18.46	18.09	20.0	0.0
100	64QAM	1	1	18.70	18.64	18.11	20.0	0.0
100	256QAM	1	1	18.69	18.65	18.09	20.0	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	18.75	18.75	18.18	20.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	18.81	18.76	18.20	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3700	3840	3980		
70	QPSK	1	1	18.84	18.64	18.12	20.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3703.02	3840	3976.98		
60	QPSK	1	1	18.87	18.64	18.15	20.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3706.01	3840	3973.99		
50	QPSK	1	1	18.84	18.73	18.05	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	18.76	18.67	18.20	20.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3753.02	3840.00	3926.98		
30	QPSK	1	1	18.88	18.68	18.20	20.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3756.01	3840	3923.99		
20	QPSK	1	1	18.75	18.79	18.06	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2-BPSK	1	1		16.06		17.0	0.0
100	PI/2-BPSK	1	137		15.95			
100	PI/2-BPSK	1	271		15.81			
100	PI/2-BPSK	135	0		16.02		17.0	0.0
100	PI/2-BPSK	135	69		15.87		17.0	0.0
100	PI/2-BPSK	135	138		15.88		17.0	0.0
100	PI/2-BPSK	270	0		15.72			
100	QPSK	1	1		16.19		17.0	0.0
100	QPSK	1	137		15.89			
100	QPSK	1	271		15.87			
100	QPSK	135	0		15.73		17.0	0.0
100	QPSK	135	69		16.00			
100	QPSK	135	138		15.82			
100	QPSK	270	0		15.54		17.0	0.0
100	16QAM	1	1		16.03		17.0	0.0
100	64QAM	1	1		15.85		17.0	0.0
100	256QAM	1	1		15.66		17.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3468.96		
90	QPSK	1	1	15.98	16.07	16.04	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3466.98	3470		
80	QPSK	1	1	15.99	16.15	16.05	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3468.98		
70	QPSK	1	1	16.15	16.05	16.14	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3468.96		
60	QPSK	1	1	16.02	16.13	16.13	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3466.98	3470		
50	QPSK	1	1	16.05	16.06	16.00	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3461.01	3466.98	3472.98		
40	QPSK	1	1	16.00	16.15	15.99	17.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3474.96		
30	QPSK	1	1	16.05	16.04	16.01	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3458.02	3466.98	3475		
20	QPSK	1	1	16.00	16.00	16.15	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2-BPSK	1	1		19.35		20.0	0.0
100	PI/2-BPSK	1	137		19.38			
100	PI/2-BPSK	1	271		19.41			
100	PI/2-BPSK	135	0		19.21		20.0	0.0
100	PI/2-BPSK	135	69		19.19		20.0	0.0
100	PI/2-BPSK	135	138		19.24		20.0	0.0
100	PI/2-BPSK	270	0		19.27			
100	QPSK	1	1		19.45		20.0	0.0
100	QPSK	1	137		19.23			
100	QPSK	1	271		19.38			
100	QPSK	135	0		19.40		20.0	0.0
100	QPSK	135	69		19.42			
100	QPSK	135	138		19.27			
100	QPSK	270	0		19.35			
100	16QAM	1	1		19.33		20.0	0.0
100	64QAM	1	1		19.27		20.0	0.0
100	256QAM	1	1		19.40		20.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3468.96		
90	QPSK	1	1	19.42	19.34	19.29	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3466.98	3470		
80	QPSK	1	1	19.39	19.33	19.44	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3468.98		
70	QPSK	1	1	19.30	19.41	19.32	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3468.96		
60	QPSK	1	1	19.41	19.34	19.41	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3466.98	3470		
50	QPSK	1	1	19.28	19.33	19.33	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3461.01	3466.98	3472.98		
40	QPSK	1	1	19.30	19.32	19.29	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3474.96		
30	QPSK	1	1	19.30	19.25	19.28	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3458.02	3466.98	3475		
20	QPSK	1	1	19.42	19.38	19.39	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3700			
100	PI/2-BPSK	1	1		16.00		16.5	0.0
100	PI/2-BPSK	1	137		15.99			
100	PI/2-BPSK	1	271		15.67			
100	PI/2-BPSK	135	0		15.99		16.5	0.0
100	PI/2-BPSK	135	69		15.98		16.5	0.0
100	PI/2-BPSK	135	138		15.84		16.5	0.0
100	PI/2-BPSK	270	0		15.65			
100	QPSK	1	1		16.01		16.5	0.0
100	QPSK	1	137		15.90			
100	QPSK	1	271		15.60			
100	QPSK	135	0		15.84		16.5	0.0
100	QPSK	135	69		15.85			
100	QPSK	135	138		15.67			
100	QPSK	270	0		15.45		16.5	0.0
100	16QAM	1	1		15.84		16.5	0.0
100	64QAM	1	1		15.83		16.5	0.0
100	256QAM	1	1		15.81		16.5	0.0
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3750.98		
90	QPSK	1	1	15.89	15.85	15.49	16.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	15.92	16.00	15.86	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755		
70	QPSK	1	1	16.00	15.92	15.99	16.5	0.0
Channel				648666	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3750	3756.98		
60	QPSK	1	1	15.94	16.00	15.89	16.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
50	QPSK	1	1	15.90	16.00	15.89	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
40	QPSK	1	1	15.95	15.90	15.91	16.5	0.0
Channel				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3750.00	3768.98		
30	QPSK	1	1	15.86	16.00	16.00	16.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3729.01	3750	3770.99		
20	QPSK	1	1	15.89	15.97	15.98	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		15.64		16.5	0.0
100	PI/2-BPSK	1	137		15.67			
100	PI/2-BPSK	1	271		15.63			
100	PI/2-BPSK	135	0		15.62		16.5	0.0
100	PI/2-BPSK	135	68		15.61		16.5	0.0
100	PI/2-BPSK	135	138		15.68		16.5	0.0
100	PI/2-BPSK	270	0		15.71			
100	QPSK	1	1		15.68		16.5	0.0
100	QPSK	1	137		15.62			
100	QPSK	1	271		15.72			
100	QPSK	135	0		15.67		16.5	0.0
100	QPSK	135	68		15.73			
100	QPSK	135	138		15.78			
100	QPSK	270	0		15.71		16.5	0.0
100	16QAM	1	1		15.72		16.5	0.0
100	64QAM	1	1		15.70		16.5	0.0
100	256QAM	1	1		15.78		16.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3498	3499.98	3501.98		
90	QPSK	1	1	15.87	15.74	15.64	16.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.02	3499.98	3504		
80	QPSK	1	1	15.88	15.73	15.63	16.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.01	3499.98	3504.98		
70	QPSK	1	1	15.88	15.79	15.62	16.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
60	QPSK	1	1	15.72	15.62	15.60	16.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3487.02	3499.98	3513		
50	QPSK	1	1	15.73	15.68	15.62	16.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3484.01	3499.98	3514.98		
40	QPSK	1	1	15.91	15.70	15.64	16.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98		
30	QPSK	1	1	15.82	15.80	15.65	16.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3477.02	3499.98	3522		
20	QPSK	1	1	15.79	15.63	15.67	16.5	0.0

Reduced Power Mode for DSI 3 Simultaneous

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.64	16.69	16.61	17.5	0.0
20	PI/2 BPSK	1	53	16.59	16.65	16.52		
20	PI/2 BPSK	1	104	16.55	16.67	16.64		
20	PI/2 BPSK	50	0	15.95	16.10	16.04	17.5	0.0
20	PI/2 BPSK	50	28	16.64	16.66	16.55	17.5	0.0
20	PI/2 BPSK	50	56	16.02	16.55	16.10	17.5	0.0
20	PI/2 BPSK	100	0	16.03	16.49	16.18		
20	QPSK	1	1	16.48	16.61	16.60	17.5	0.0
20	QPSK	1	53	16.56	16.59	16.45		
20	QPSK	1	104	16.57	16.62	16.58		
20	QPSK	50	0	15.58	15.71	15.67	17.5	0.0
20	QPSK	50	28	16.59	16.67	16.60	17.5	0.0
20	QPSK	50	56	16.11	16.58	16.16	17.5	0.0
20	QPSK	100	0	16.08	16.54	16.23		
20	16QAM	1	1	16.59	16.60	16.57	17.5	0.0
20	64QAM	1	1	16.60	16.67	16.55	17.5	0.0
20	256QAM	1	1	16.56	16.60	16.61	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.57	16.67	16.53	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.22	16.78	16.67	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.74	16.80	16.77	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.27	15.17	15.16	16.0	0.0
20	PI/2 BPSK	1	53	15.16	15.31	15.30		
20	PI/2 BPSK	1	104	15.18	15.28	15.21		
20	PI/2 BPSK	50	0	15.07	15.22	15.10	16.0	0.0
20	PI/2 BPSK	50	28	15.21	15.26	15.12	16.0	0.0
20	PI/2 BPSK	50	56	15.21	15.24	15.18	16.0	0.0
20	PI/2 BPSK	100	0	15.15	15.17	15.13		
20	QPSK	1	1	15.15	15.39	15.17	16.0	0.0
20	QPSK	1	53	15.12	15.27	15.13		
20	QPSK	1	104	15.14	15.25	15.22		
20	QPSK	50	0	14.29	14.37	14.33	16.0	0.0
20	QPSK	50	28	15.17	15.29	15.23	16.0	0.0
20	QPSK	50	56	15.07	15.16	15.00	16.0	0.0
20	QPSK	100	0	15.13	15.17	15.14		
20	16QAM	1	1	14.90	15.22	14.93	16.0	0.0
20	64QAM	1	1	14.90	15.28	14.95	16.0	0.0
20	256QAM	1	1	14.97	15.16	14.92	16.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.30	15.35	15.23	16.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.29	15.24	15.22	16.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.18	15.23	15.13	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.12	21.09	21.18	22.0	0.0
20	PI/2 BPSK	1	53	20.99	21.06	20.99		
20	PI/2 BPSK	1	104	20.92	21.01	20.96		
20	PI/2 BPSK	50	0	20.45	20.58	20.55	22.0	0.0
20	PI/2 BPSK	50	28	20.97	21.04	20.93	22.0	0.0
20	PI/2 BPSK	50	56	20.30	20.45	20.42	22.0	0.0
20	PI/2 BPSK	100	0	20.42	20.56	20.47		
20	QPSK	1	1	20.85	21.20	20.91	22.0	0.0
20	QPSK	1	53	20.95	21.02	21.00		
20	QPSK	1	104	20.85	20.96	20.94		
20	QPSK	50	0	19.97	20.10	20.07	22.0	0.0
20	QPSK	50	28	20.90	20.97	20.94	22.0	0.0
20	QPSK	50	56	19.80	19.91	19.79	22.0	0.0
20	QPSK	100	0	19.87	20.00	19.88		
20	16QAM	1	1	20.09	20.13	20.06	22.0	0.0
20	64QAM	1	1	20.51	20.54	20.43	21.5	0.5
20	256QAM	1	1	18.64	18.66	18.63	19.5	2.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.98	21.13	21.11	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.91	21.04	21.00	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.00	21.17	20.93	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.14	21.15	21.22	22.0	0.0
20	PI/2 BPSK	1	53	21.05	21.10	20.96		
20	PI/2 BPSK	1	104	21.02	21.06	20.92		
20	PI/2 BPSK	50	0	21.09	21.11	21.10	22.0	0.0
20	PI/2 BPSK	50	28	20.97	21.00	20.94	22.0	0.0
20	PI/2 BPSK	50	56	20.80	20.93	20.90	22.0	0.0
20	PI/2 BPSK	100	0	20.93	21.05	21.03		
20	QPSK	1	1	21.00	21.28	21.02	22.0	0.0
20	QPSK	1	53	21.01	21.05	21.03		
20	QPSK	1	104	20.92	20.97	20.88		
20	QPSK	50	0	20.01	20.06	20.05	22.0	0.0
20	QPSK	50	28	20.93	20.98	20.85	22.0	0.0
20	QPSK	50	56	19.83	19.89	19.80	22.0	0.0
20	QPSK	100	0	19.84	19.97	19.87		
20	16QAM	1	1	19.88	19.94	19.92	22.0	0.0
20	64QAM	1	1	19.83	19.88	19.91	21.5	0.5
20	256QAM	1	1	18.57	18.67	18.61	19.5	2.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.12	21.20	21.09	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.12	21.12	21.19	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.10	21.16	21.07	22.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.17	17.21	17.10	18.0	0.0
40	PI/2 BPSK	1	108	17.12	17.09	17.04		
40	PI/2 BPSK	1	214	17.20	17.18	17.12		
40	PI/2 BPSK	108	0	16.85	17.02	16.78	18.0	0.0
40	PI/2 BPSK	108	54	16.95	16.98	16.76	18.0	0.0
40	PI/2 BPSK	108	108	16.95	17.00	16.71	18.0	0.0
40	PI/2 BPSK	216	0	16.94	16.88	16.73		
40	QPSK	1	1	17.20	17.22	17.17	18.0	0.0
40	QPSK	1	108	16.86	16.95	16.86		
40	QPSK	1	214	17.00	17.05	16.89		
40	QPSK	108	0	16.01	16.00	15.96	18.0	0.0
40	QPSK	108	54	16.96	17.05	16.87	18.0	0.0
40	QPSK	108	108	16.90	16.88	16.73	18.0	0.0
40	QPSK	216	0	16.81	16.98	16.84		
40	16QAM	1	1	16.88	16.97	16.72	18.0	0.0
40	64QAM	1	1	16.94	17.03	16.78	18.0	0.0
40	256QAM	1	1	16.92	17.01	16.84	18.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.08	17.18	17.08	18.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.10	17.12	17.00	18.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.05	17.16	17.09	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.08	17.11	16.98	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.13	17.11	17.07	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.08	17.11	17.08	18.0	0.0

n7_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	13.32	13.45	13.50	14.5	0.0
40	PI/2 BPSK	1	108	13.42	13.37	13.22		
40	PI/2 BPSK	1	214	13.52	13.44	13.36		
40	PI/2 BPSK	108	0	13.27	13.24	13.10	14.5	0.0
40	PI/2 BPSK	108	54	13.39	13.40	13.50	14.5	0.0
40	PI/2 BPSK	108	108	13.50	13.47	13.42	14.5	0.0
40	PI/2 BPSK	216	0	13.64	13.31	13.27		
40	QPSK	1	1	13.56	13.73	13.49	14.5	0.0
40	QPSK	1	108	13.44	13.51	13.45		
40	QPSK	1	214	13.64	13.28	13.43		
40	QPSK	108	0	13.37	13.42	13.48	14.5	0.0
40	QPSK	108	54	13.51	13.72	13.40	14.5	0.0
40	QPSK	108	108	13.52	13.39	13.23	14.5	0.0
40	QPSK	216	0	13.44	13.60	13.40		
40	16QAM	1	1	13.37	13.51	13.14	14.5	0.0
40	64QAM	1	1	13.44	13.49	13.36	14.5	0.0
40	256QAM	1	1	13.63	13.27	13.24	14.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	13.49	13.63	13.58	14.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	13.58	13.66	13.56	14.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	13.59	13.66	13.56	14.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.49	13.59	13.54	14.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.53	13.64	13.47	14.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.49	13.68	13.48	14.5	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.11	23.09	23.02	24.0	0.0
15	PI/2 BPSK	1	40	22.85	22.94	22.91		
15	PI/2 BPSK	1	77	22.82	22.83	22.70		
15	PI/2 BPSK	36	0	22.28	22.39	22.26	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.76	22.70	24.0	0.0
15	PI/2 BPSK	36	43	22.22	22.26	22.16	23.5	0.5
15	PI/2 BPSK	75	0	22.33	22.35	22.27		
15	QPSK	1	1	22.92	23.12	22.93	24.0	0.0
15	QPSK	1	40	22.78	22.80	22.76		
15	QPSK	1	77	22.56	22.67	22.62		
15	QPSK	36	0	21.75	21.90	21.88	23.0	1.0
15	QPSK	36	22	22.74	22.81	22.80	24.0	0.0
15	QPSK	36	43	21.74	21.75	21.68	23.0	1.0
15	QPSK	75	0	21.74	21.84	21.79		
15	16QAM	1	1	21.96	22.11	22.08	23.0	1.0
15	64QAM	1	1	20.60	20.68	20.61	21.5	2.5
15	256QAM	1	1	18.66	18.67	18.58	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.95	23.00	22.88	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.93	23.05	22.96	24.0	0.0

n12_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.08	23.11	23.05	24.0	0.0
15	PI/2 BPSK	1	40	22.88	22.98	22.88		
15	PI/2 BPSK	1	77	22.83	22.96	22.83		
15	PI/2 BPSK	36	0	22.67	22.92	22.76	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.71	22.60	24.0	0.0
15	PI/2 BPSK	36	43	22.64	22.71	22.90	23.5	0.5
15	PI/2 BPSK	75	0	22.62	22.76	22.61		
15	QPSK	1	1	23.07	23.13	23.04	24.0	0.0
15	QPSK	1	40	22.77	22.87	22.77		
15	QPSK	1	77	22.70	22.72	22.61		
15	QPSK	36	0	22.01	22.09	21.98	23.0	1.0
15	QPSK	36	22	22.78	22.81	22.67	24.0	0.0
15	QPSK	36	43	21.79	21.94	21.82	23.0	1.0
15	QPSK	75	0	21.86	22.01	21.88		
15	16QAM	1	1	22.31	22.41	22.38	23.0	1.0
15	64QAM	1	1	20.55	20.50	20.32	21.5	2.5
15	256QAM	1	1	18.79	18.82	18.66	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.01	23.01	23.02	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.04	23.12	23.06	24.0	0.0

n14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158500			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		22.43		23.0	0.0
10	PI/2 BPSK	1	26		22.32			
10	PI/2 BPSK	1	50		22.45			
10	PI/2 BPSK	25	0		22.32		23.0	0.0
10	PI/2 BPSK	25	14		22.43		23.0	0.0
10	PI/2 BPSK	25	27		22.34		23.0	0.0
10	PI/2 BPSK	50	0		22.21			
10	QPSK	1	1		22.48		23.0	0.0
10	QPSK	1	26		22.45			
10	QPSK	1	50		22.42			
10	QPSK	25	0		22.24		23.0	0.0
10	QPSK	25	14		22.37		23.0	0.0
10	QPSK	25	27		22.20		23.0	0.0
10	QPSK	50	0		22.29			
10	16QAM	1	1		22.27		23.0	0.0
10	64QAM	1	1		20.92		21.5	1.5
10	256QAM	1	1		19.23		19.5	3.5
Channel				158100	158500	158100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	790.5		
5	QPSK	1	1	22.31	22.40	22.41	23.0	0.0

n14_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158500			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.10		24.0	0.0
10	PI/2 BPSK	1	26		23.15			
10	PI/2 BPSK	1	50		23.14			
10	PI/2 BPSK	25	0		22.74		23.5	0.5
10	PI/2 BPSK	25	14		23.09		24.0	0.0
10	PI/2 BPSK	25	27		22.61		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.17		24.0	0.0
10	QPSK	1	26		23.11			
10	QPSK	1	50		23.07			
10	QPSK	25	0		22.23		23.0	1.0
10	QPSK	25	14		23.12		24.0	0.0
10	QPSK	25	27		22.16		23.0	1.0
10	QPSK	50	0		22.18			
10	16QAM	1	1		22.21		23.0	1.0
10	64QAM	1	1		20.64		21.5	2.5
10	256QAM	1	1		18.65		19.5	4.5
Channel				158100	158500	158100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	790.5		
5	QPSK	1	1	23.11	23.16	23.10	24.0	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.67	16.65	16.61	17.5	0.0
40	PI/2 BPSK	1	108	16.70	16.76	16.75		
40	PI/2 BPSK	1	214	16.73	16.82	16.72		
40	PI/2 BPSK	108	0	16.82	16.84	16.69	17.5	0.0
40	PI/2 BPSK	108	54	16.75	16.69	16.59	17.5	0.0
40	PI/2 BPSK	108	108	16.87	16.84	16.66	17.5	0.0
40	PI/2 BPSK	216	0	16.82	16.84	16.68		
40	QPSK	1	1	16.86	17.01	16.77	17.5	0.0
40	QPSK	1	108	16.69	16.67	16.64		
40	QPSK	1	214	16.81	17.00	16.72		
40	QPSK	108	0	16.72	16.84	16.57	17.5	0.0
40	QPSK	108	54	16.81	16.88	16.69	17.5	0.0
40	QPSK	108	108	16.77	16.75	16.66	17.5	0.0
40	QPSK	216	0	16.73	16.93	16.69		
40	16QAM	1	1	16.90	16.85	16.75	17.5	0.0
40	64QAM	1	1	16.83	16.91	16.68	17.5	0.0
40	256QAM	1	1	16.77	16.82	16.70	17.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.68	17.00	16.68	17.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.71	16.89	16.69	17.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.79	16.92	16.72	17.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.82	16.92	16.72	17.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.77	17.00	16.68	17.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.83	16.84	16.65	17.5	0.0

n25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.21	15.25	15.25	16.0	0.0
40	PI/2 BPSK	1	108	15.24	15.16	15.23		
40	PI/2 BPSK	1	214	15.03	15.16	15.07		
40	PI/2 BPSK	108	0	15.17	15.26	15.30	16.0	0.0
40	PI/2 BPSK	108	54	15.18	15.24	15.25	16.0	0.0
40	PI/2 BPSK	108	108	15.31	15.26	15.33	16.0	0.0
40	PI/2 BPSK	216	0	15.20	15.34	15.21		
40	QPSK	1	1	15.49	15.61	15.56	16.0	0.0
40	QPSK	1	108	15.31	15.52	15.34		
40	QPSK	1	214	15.34	15.27	15.24		
40	QPSK	108	0	15.38	15.51	15.48	16.0	0.0
40	QPSK	108	54	15.46	15.58	15.40	16.0	0.0
40	QPSK	108	108	15.37	15.48	15.48	16.0	0.0
40	QPSK	216	0	15.45	15.54	15.47		
40	16QAM	1	1	15.45	15.53	15.42	16.0	0.0
40	64QAM	1	1	15.38	15.51	15.53	16.0	0.0
40	256QAM	1	1	15.43	15.55	15.40	16.0	0.0
Channel				373500	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1900		
30	QPSK	1	1	15.18	15.13	15.21	16.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.13	15.15	15.19	16.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.12	15.22	15.14	16.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.32	15.24	15.13	16.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.09	15.13	15.20	16.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.14	15.23	15.23	16.0	0.0

n26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.25	21.24	21.26	22.0	0.0
20	PI/2 BPSK	1	53	21.11	21.17	21.03		
20	PI/2 BPSK	1	104	21.05	21.10	21.05		
20	PI/2 BPSK	50	0	20.95	21.15	21.08	22.0	0.0
20	PI/2 BPSK	50	28	21.09	21.18	21.17	22.0	0.0
20	PI/2 BPSK	50	56	20.90	21.05	21.03	22.0	0.0
20	PI/2 BPSK	100	0	20.99	21.19	20.97		
20	QPSK	1	1	21.32	21.42	21.27	22.0	0.0
20	QPSK	1	53	21.27	21.38	21.28		
20	QPSK	1	104	21.14	21.34	21.16		
20	QPSK	50	0	21.01	21.12	21.08	22.0	0.0
20	QPSK	50	28	21.03	21.22	21.10	22.0	0.0
20	QPSK	50	56	20.88	21.21	21.05	22.0	0.0
20	QPSK	100	0	20.95	21.06	21.02		
20	16QAM	1	1	20.99	21.15	20.94	22.0	0.0
20	64QAM	1	1	20.37	20.71	20.58	21.5	0.5
20	256QAM	1	1	18.47	18.60	18.57	19.5	2.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.16	21.17	21.22	22.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.21	21.17	21.18	22.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.24	21.17	21.15	22.0	0.0

n26_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.03	21.16	21.05	22.0	0.0
20	PI/2 BPSK	1	53	20.98	21.11	21.10		
20	PI/2 BPSK	1	104	21.03	21.03	21.06		
20	PI/2 BPSK	50	0	21.16	21.14	21.16	22.0	0.0
20	PI/2 BPSK	50	28	21.07	21.09	21.06	22.0	0.0
20	PI/2 BPSK	50	56	20.98	21.05	21.00	22.0	0.0
20	PI/2 BPSK	100	0	20.56	20.72	20.65		
20	QPSK	1	1	21.29	21.49	21.15	22.0	0.0
20	QPSK	1	53	21.16	21.20	21.13		
20	QPSK	1	104	21.00	21.09	21.01		
20	QPSK	50	0	21.16	21.13	21.09	22.0	0.0
20	QPSK	50	28	21.17	21.23	21.22	22.0	0.0
20	QPSK	50	56	21.01	21.18	21.16	22.0	0.0
20	QPSK	100	0	21.05	21.18	21.17		
20	16QAM	1	1	21.04	21.13	21.21	22.0	0.0
20	64QAM	1	1	20.55	20.68	20.54	21.5	0.5
20	256QAM	1	1	18.55	18.70	18.61	19.5	2.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.96	21.05	21.03	22.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.91	21.13	21.00	22.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.96	21.04	20.98	22.0	0.0

n30_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.70		19.5	0.0
10	PI/2 BPSK	1	26		18.61			
10	PI/2 BPSK	1	50		18.56			
10	PI/2 BPSK	25	0		18.68		19.5	0.0
10	PI/2 BPSK	25	14		18.59		19.5	0.0
10	PI/2 BPSK	25	27		18.65		19.5	0.0
10	PI/2 BPSK	50	0		18.65			
10	QPSK	1	1		18.76		19.5	0.0
10	QPSK	1	26		18.65			
10	QPSK	1	50		18.51			
10	QPSK	25	0		18.49		19.5	0.0
10	QPSK	25	14		18.55		19.5	0.0
10	QPSK	25	27		18.50		19.5	0.0
10	QPSK	50	0		18.43			
10	16QAM	1	1		18.39		19.5	0.0
10	64QAM	1	1		18.47		19.5	0.0
10	256QAM	1	1		18.44		19.5	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.54	18.68	18.61	19.5	0.0

n30_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		12.56		14.0	0.0
10	PI/2 BPSK	1	26		12.68			
10	PI/2 BPSK	1	50		12.56			
10	PI/2 BPSK	25	0		12.73		14.0	0.0
10	PI/2 BPSK	25	14		12.55		14.0	0.0
10	PI/2 BPSK	25	27		12.63		14.0	0.0
10	PI/2 BPSK	50	0		12.73			
10	QPSK	1	1		12.97		14.0	0.0
10	QPSK	1	26		12.63			
10	QPSK	1	50		12.74			
10	QPSK	25	0		12.48		14.0	0.0
10	QPSK	25	14		12.57		14.0	0.0
10	QPSK	25	27		12.56			
10	QPSK	50	0		12.69		14.0	0.0
10	16QAM	1	1		12.54		14.0	0.0
10	64QAM	1	1		12.47		14.0	0.0
10	256QAM	1	1		12.64		14.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	12.95	12.92	12.93	14.0	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1750	1745	1750		
40	PI/2 BPSK	1	1	16.85	17.11	16.86	18.0	0.0
40	PI/2 BPSK	1	108	17.02	16.96	16.95		
40	PI/2 BPSK	1	214	16.96	17.21	17.17		
40	PI/2 BPSK	108	0	17.05	17.07	16.96	18.0	0.0
40	PI/2 BPSK	108	54	17.05	17.13	16.93	18.0	0.0
40	PI/2 BPSK	108	108	16.92	16.99	17.01	18.0	0.0
40	PI/2 BPSK	216	0	16.91	17.14	16.88		
40	QPSK	1	1	17.19	17.45	17.04	18.0	0.0
40	QPSK	1	108	17.06	17.14	17.01		
40	QPSK	1	214	17.21	17.19	17.13		
40	QPSK	108	0	17.11	16.96	17.01	18.0	0.0
40	QPSK	108	54	17.06	17.16	17.12	18.0	0.0
40	QPSK	108	108	16.96	17.04	17.01	18.0	0.0
40	QPSK	216	0	16.87	17.11	17.00		
40	16QAM	1	1	17.03	17.02	17.15	18.0	0.0
40	64QAM	1	1	16.99	17.04	17.12	18.0	0.0
40	256QAM	1	1	17.04	17.08	17.03	18.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.10	17.29	16.93	18.0	0.0
Channel				344500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1777		
20	QPSK	1	1	17.11	17.42	17.00	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1777.5		
15	QPSK	1	1	17.12	17.36	17.02	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.05	17.42	16.91	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.16	17.30	16.95	18.0	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1750	1745	1750		
40	PI/2 BPSK	1	1	18.52	18.74	18.56	19.5	0.0
40	PI/2 BPSK	1	108	18.55	18.56	18.53		
40	PI/2 BPSK	1	214	18.58	18.57	18.54		
40	PI/2 BPSK	108	0	18.51	18.78	18.48	19.0	0.5
40	PI/2 BPSK	108	54	18.47	18.51	18.42	19.5	0.0
40	PI/2 BPSK	108	108	18.58	18.74	18.54	19.0	0.5
40	PI/2 BPSK	216	0	18.70	18.54	18.53		
40	QPSK	1	1	18.71	18.79	18.70	19.5	0.0
40	QPSK	1	108	18.65	18.76	18.65		
40	QPSK	1	214	18.50	18.65	18.57		
40	QPSK	108	0	18.33	18.43	18.44	18.5	1.0
40	QPSK	108	54	18.45	18.48	18.45	19.5	0.0
40	QPSK	108	108	18.43	18.43	18.42	18.5	1.0
40	QPSK	216	0	18.44	18.47	18.46		
40	16QAM	1	1	18.32	18.62	18.60	18.5	1.0
40	64QAM	1	1	18.62	18.57	18.64	17.0	2.5
40	256QAM	1	1	18.41	18.58	18.55	15.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.64	18.69	18.65	19.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.54	18.76	18.61	19.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.58	18.65	18.58	19.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.63	18.67	18.56	19.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.67	18.61	18.65	19.5	0.0

n70_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		18.31		19.0	0.0
15	PI/2 BPSK	1	40		18.20			
15	PI/2 BPSK	1	77		18.24			
15	PI/2 BPSK	36	0		18.22		19.0	0.0
15	PI/2 BPSK	36	22		18.23		19.0	0.0
15	PI/2 BPSK	36	43		18.22		19.0	0.0
15	PI/2 BPSK	75	0		18.21			
15	QPSK	1	1		18.44		19.0	0.0
15	QPSK	1	40		18.32			
15	QPSK	1	77		18.23			
15	QPSK	36	0		18.31		19.0	0.0
15	QPSK	36	22		18.32		19.0	0.0
15	QPSK	36	43		18.19		19.0	0.0
15	QPSK	75	0		18.27			
15	16QAM	1	1		18.30		19.0	0.0
15	64QAM	1	1		18.24		19.0	0.0
15	256QAM	1	1		18.27		19.0	0.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	18.28	18.34	18.27	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	18.26	18.37	18.34	24.0	0.0

n70_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		19.32		20.0	0.0
15	PI/2 BPSK	1	40		19.36			
15	PI/2 BPSK	1	77		19.33			
15	PI/2 BPSK	36	0		19.32		20.0	0.0
15	PI/2 BPSK	36	22		19.22		20.0	0.0
15	PI/2 BPSK	36	43		19.21		20.0	0.0
15	PI/2 BPSK	75	0		19.38			
15	QPSK	1	1		19.39		20.0	0.0
15	QPSK	1	40		19.36			
15	QPSK	1	77		19.38			
15	QPSK	36	0		19.23		20.0	0.0
15	QPSK	36	22		19.31		20.0	0.0
15	QPSK	36	43		19.28		20.0	0.0
15	QPSK	75	0		19.18			
15	16QAM	1	1		19.21		20.0	0.0
15	64QAM	1	1		19.16		20.0	0.0
15	256QAM	1	1		18.72		19.5	0.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
5	QPSK	1	1	19.35	19.31	19.34	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	19.29	19.31	19.28	24.0	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134500	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.14	23.09	23.00	24.0	0.0
20	PI/2 BPSK	1	53	22.87	22.98	22.88		
20	PI/2 BPSK	1	104	22.87	22.98	22.93		
20	PI/2 BPSK	50	0	22.56	22.60	22.53	23.5	0.5
20	PI/2 BPSK	50	28	22.93	22.96	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.35	22.41	22.38	23.5	0.5
20	PI/2 BPSK	100	0	22.38	22.49	22.48		
20	QPSK	1	1	23.18	23.26	23.14	24.0	0.0
20	QPSK	1	53	22.87	22.89	22.80		
20	QPSK	1	104	22.82	22.92	22.88		
20	QPSK	50	0	21.93	22.04	21.95	23.0	1.0
20	QPSK	50	28	22.95	22.99	22.93	24.0	0.0
20	QPSK	50	56	21.89	21.96	21.82	23.0	1.0
20	QPSK	100	0	21.87	21.97	21.96		
20	16QAM	1	1	21.95	22.07	21.96	23.0	1.0
20	64QAM	1	1	20.62	20.67	20.65	21.5	2.5
20	256QAM	1	1	16.77	16.86	16.84	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.91	23.03	22.99	24.0	0.0
Channel				133500	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.10	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.08	23.15	23.07	24.0	0.0

n71_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134500	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.11	23.09	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.81	22.90	22.81		
20	PI/2 BPSK	1	104	22.73	22.81	22.73		
20	PI/2 BPSK	50	0	22.51	22.48	22.45	23.5	0.5
20	PI/2 BPSK	50	28	22.90	22.94	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.55	22.61	22.44	23.5	0.5
20	PI/2 BPSK	100	0	22.58	22.47	22.45		
20	QPSK	1	1	23.00	23.12	22.98	24.0	0.0
20	QPSK	1	53	22.87	22.96	22.87		
20	QPSK	1	104	22.83	22.85	22.73		
20	QPSK	50	0	22.08	22.11	22.09	23.0	1.0
20	QPSK	50	28	22.87	22.95	22.91	24.0	0.0
20	QPSK	50	56	21.95	22.03	22.02	23.0	1.0
20	QPSK	100	0	22.10	22.20	22.14		
20	16QAM	1	1	22.00	22.02	22.05	23.0	1.0
20	64QAM	1	1	20.54	20.48	20.50	21.5	2.5
20	256QAM	1	1	16.68	16.83	16.65	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.85	22.95	22.89	24.0	0.0
Channel				133500	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.11	23.00	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.99	23.06	23.03	24.0	0.0

n41_FCC_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.98	15.87	15.76	17.5	0.0
100	PI/2 BPSK	1	137	15.73	16.13	15.84		
100	PI/2 BPSK	1	271	15.80	15.92	15.86		
100	PI/2 BPSK	135	0	15.71	15.83	15.71	17.5	0.0
100	PI/2 BPSK	135	69	15.77	15.76	15.73	17.5	0.0
100	PI/2 BPSK	135	138	15.59	15.76	15.80	17.5	0.0
100	PI/2 BPSK	270	0	15.75	15.84	15.87		
100	QPSK	1	1	16.09	16.13	16.02	17.5	0.0
100	QPSK	1	137	16.09	16.34	16.14		
100	QPSK	1	271	16.00	16.09	15.95		
100	QPSK	135	0	16.05	16.14	16.02	17.5	0.0
100	QPSK	135	69	16.12	16.16	16.15		
100	QPSK	135	138	15.95	16.04	15.98		
100	QPSK	270	0	16.02	16.12	15.98	17.5	0.0
100	16QAM	1	1	15.84	15.86	15.76	17.5	0.0
100	64QAM	1	1	16.06	16.10	16.01	17.5	0.0
100	256QAM	1	1	16.00	16.11	16.08	17.5	0.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.97	16.05	16.13	17.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.94	16.09	16.03	17.5	0.0
Channel				505202	518598	531994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.08	16.11	16.05	17.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.06	16.15	15.99	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.96	16.18	16.11	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.06	16.08	16.12	17.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.05	16.16	16.06	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.33	19.31	19.22	20.5	0.0
100	PI/2 BPSK	1	137	19.17	19.28	19.25		
100	PI/2 BPSK	1	271	19.42	19.36	19.40		
100	PI/2 BPSK	135	0	19.08	19.29	19.11	20.5	0.0
100	PI/2 BPSK	135	69	19.19	19.23	19.07	20.5	0.0
100	PI/2 BPSK	135	138	19.21	19.24	19.22	20.5	0.0
100	PI/2 BPSK	270	0	19.08	19.12	18.97		
100	QPSK	1	1	19.18	19.12	18.92	20.5	0.0
100	QPSK	1	137	19.30	19.45	19.29		
100	QPSK	1	271	19.16	19.31	19.21		
100	QPSK	135	0	19.24	19.20	19.17	20.5	0.0
100	QPSK	135	69	19.27	19.38	19.22		
100	QPSK	135	138	19.22	19.32	19.13		
100	QPSK	270	0	19.25	19.37	19.23	20.5	0.0
100	16QAM	1	1	19.13	19.40	19.28	20.5	0.0
100	64QAM	1	1	19.19	19.44	19.27	20.5	0.0
100	256QAM	1	1	19.27	19.34	19.28	20.5	0.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.23	19.29	19.10	20.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.18	19.32	19.20	20.5	0.0
Channel				505202	518598	531994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.12	19.36	19.16	20.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.12	19.23	19.11	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.11	19.37	19.06	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.09	19.20	19.16	20.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.20	19.20	19.19	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.75	15.62	15.64	17.0	0.0
100	PI/2 BPSK	1	137	15.65	15.82	15.68		
100	PI/2 BPSK	1	271	15.74	15.79	15.69		
100	PI/2 BPSK	135	0	15.41	15.59	15.51	17.0	0.0
100	PI/2 BPSK	135	69	15.48	15.55	15.45	17.0	0.0
100	PI/2 BPSK	135	138	15.55	15.68	15.56	17.0	0.0
100	PI/2 BPSK	270	0	15.49	15.49	15.53		
100	QPSK	1	1	15.66	15.79	15.69	17.0	0.0
100	QPSK	1	137	15.71	15.87	15.69		
100	QPSK	1	271	15.65	15.80	15.63		
100	QPSK	135	0	15.61	15.68	15.65	17.0	0.0
100	QPSK	135	69	15.61	15.68	15.52		
100	QPSK	135	138	15.49	15.54	15.51		
100	QPSK	270	0	15.49	15.65	15.55	17.0	0.0
100	16QAM	1	1	15.66	15.77	15.67	17.0	0.0
100	64QAM	1	1	15.63	15.64	15.46	17.0	0.0
100	256QAM	1	1	15.53	15.66	15.52	17.0	0.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.62	15.75	15.61	17.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.56	15.72	15.52	17.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.63	15.76	15.54	17.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.59	15.76	15.65	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.63	15.78	15.59	17.0	0.0
Channel				502204	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.70	15.83	15.56	17.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.68	15.70	15.63	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.60	18.76	18.73	20.0	0.0
100	PI/2 BPSK	1	137	18.62	18.86	18.72		
100	PI/2 BPSK	1	271	18.52	18.71	18.51		
100	PI/2 BPSK	135	0	18.49	18.81	18.73	20.0	0.0
100	PI/2 BPSK	135	69	18.56	18.72	18.77	20.0	0.0
100	PI/2 BPSK	135	138	18.78	18.83	18.72	20.0	0.0
100	PI/2 BPSK	270	0	18.55	18.79	18.50		
100	QPSK	1	1	18.66	18.84	18.81	20.0	0.0
100	QPSK	1	137	18.91	18.94	18.87		
100	QPSK	1	271	18.67	18.81	18.67		
100	QPSK	135	0	18.66	18.75	18.62	20.0	0.0
100	QPSK	135	69	18.70	18.85	18.69		
100	QPSK	135	138	18.67	18.82	18.64		
100	QPSK	270	0	18.65	18.83	18.70	20.0	0.0
100	16QAM	1	1	18.73	18.87	18.82	20.0	0.0
100	64QAM	1	1	18.69	18.80	18.78	20.0	0.0
100	256QAM	1	1	18.62	18.86	18.83	20.0	0.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.77	18.82	18.70	20.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.66	18.82	18.82	20.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.87	18.79	18.81	20.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.88	18.84	18.86	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.90	18.79	18.81	20.0	0.0
Channel				502204	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.76	18.92	18.69	20.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.82	17.90	18.70	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2549.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.31	12.19	12.69	13.5	0.0
100	PI/2 BPSK	1	137	12.26	12.10	12.63		
100	PI/2 BPSK	1	271	11.86	12.28	12.60		
100	PI/2 BPSK	135	0	12.31	12.15	12.63	13.5	0.0
100	PI/2 BPSK	135	69	12.30	12.17	12.58	13.5	0.0
100	PI/2 BPSK	135	138	11.90	12.15	12.55	13.5	0.0
100	PI/2 BPSK	270	0	12.18	12.10	12.70		
100	QPSK	1	1	12.20	12.20	12.68	13.5	0.0
100	QPSK	1	137	12.36	12.25	12.72		
100	QPSK	1	271	12.35	12.24	12.63		
100	QPSK	135	0	12.26	12.21	12.61	13.5	0.0
100	QPSK	135	69	12.24	12.19	12.70		
100	QPSK	135	138	12.28	12.22	12.55		
100	QPSK	270	0	12.19	12.20	12.60	13.5	0.0
100	16QAM	1	1	12.25	12.15	12.58	13.5	0.0
100	64QAM	1	1	12.25	12.15	12.71	13.5	0.0
100	256QAM	1	1	12.27	12.12	12.69	13.5	0.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.33	12.09	12.55	13.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535.02	2592.99	2649.99		
80	QPSK	1	1	12.28	12.08	12.68	13.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.29	12.18	12.69	13.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.31	12.08	12.54	13.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.27	12.18	12.71	13.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.30	12.24	12.60	13.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.34	12.17	12.55	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2549.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.05	15.46	15.75	16.5	0.0
100	PI/2 BPSK	1	137	15.04	15.46	15.71		
100	PI/2 BPSK	1	271	14.98	15.47	15.76		
100	PI/2 BPSK	135	0	14.99	15.29	15.64	16.5	0.0
100	PI/2 BPSK	135	69	15.03	15.33	15.68	16.5	0.0
100	PI/2 BPSK	135	138	14.95	15.42	15.69	16.5	0.0
100	PI/2 BPSK	270	0	15.02	15.40	15.63		
100	QPSK	1	1	14.88	15.43	15.67	16.5	0.0
100	QPSK	1	137	15.08	15.54	15.83		
100	QPSK	1	271	14.90	15.28	15.62		
100	QPSK	135	0	14.99	15.35	15.63	16.5	0.0
100	QPSK	135	69	14.82	15.40	15.65		
100	QPSK	135	138	14.96	15.39	15.58		
100	QPSK	270	0	14.98	15.40	15.70	16.5	0.0
100	16QAM	1	1	14.92	15.43	15.60	16.5	0.0
100	64QAM	1	1	14.96	15.31	15.64	16.5	0.0
100	256QAM	1	1	14.88	15.38	15.66	16.5	0.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.05	15.47	15.66	16.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535.02	2592.99	2649.99		
80	QPSK	1	1	15.04	15.39	15.72	16.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.06	15.37	15.69	16.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.01	15.39	15.75	16.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.00	15.52	15.67	16.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.92	15.44	15.77	16.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.04	15.52	15.71	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.00	17.00	16.68	18.0	0.0
100	PI/2 BPSK	1	137	17.05	17.11	16.74		
100	PI/2 BPSK	1	271	17.03	17.02	16.91		
100	PI/2 BPSK	135	0	16.90	16.87	16.79	18.0	0.0
100	PI/2 BPSK	135	69	17.03	17.04	16.69	18.0	0.0
100	PI/2 BPSK	135	138	16.86	16.85	16.77	18.0	0.0
100	PI/2 BPSK	270	0	16.99	17.00	16.65		
100	QPSK	1	1	16.95	16.86	16.87	18.0	0.0
100	QPSK	1	137	17.06	17.15	16.78		
100	QPSK	1	271	16.94	17.13	16.85		
100	QPSK	135	0	16.94	16.94	16.57	18.0	0.0
100	QPSK	135	69	17.00	17.05	16.86		
100	QPSK	135	138	16.87	16.89	16.63		
100	QPSK	270	0	16.98	17.01	16.69	18.0	0.0
100	16QAM	1	1	16.93	16.93	16.78	18.0	0.0
100	64QAM	1	1	16.93	17.04	16.72	18.0	0.0
100	256QAM	1	1	16.84	16.65	16.60	17.5	0.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.89	17.07	16.79	18.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	16.93	16.95	16.75	18.0	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.81	17.11	16.68	18.0	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.85	17.08	16.74	18.0	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.86	17.05	16.64	18.0	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.78	17.10	16.67	18.0	0.0
Channel				514204	518598	538992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.93	17.01	16.80	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.82	19.98	19.68	21.0	0.0
100	PI/2 BPSK	1	137	19.82	19.95	19.73		
100	PI/2 BPSK	1	271	19.94	19.95	19.93		
100	PI/2 BPSK	135	0	19.68	19.79	19.62	21.0	0.0
100	PI/2 BPSK	135	69	19.75	19.77	19.58	21.0	0.0
100	PI/2 BPSK	135	138	19.76	19.81	19.78	21.0	0.0
100	PI/2 BPSK	270	0	19.78	19.79	19.72		
100	QPSK	1	1	19.85	19.98	19.85	21.0	0.0
100	QPSK	1	137	20.03	20.16	19.84		
100	QPSK	1	271	19.63	19.73	19.65		
100	QPSK	135	0	19.80	19.76	19.71	21.0	0.0
100	QPSK	135	69	19.79	19.96	19.74		
100	QPSK	135	138	19.88	19.71	19.66		
100	QPSK	270	0	19.64	19.81	19.72	21.0	0.0
100	16QAM	1	1	19.73	19.76	19.62	21.0	0.0
100	64QAM	1	1	19.75	19.80	19.62	21.0	0.0
100	256QAM	1	1	19.59	19.58	19.32	20.5	0.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.89	20.01	19.79	21.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	19.98	20.09	19.83	21.0	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.99	20.15	19.75	21.0	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.02	20.11	19.71	21.0	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.91	20.11	19.68	21.0	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.99	20.15	19.70	21.0	0.0
Channel				514204	518598	538992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.00	20.06	19.69	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	643332		
Frequency (MHz)				3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	15.83	16.10	15.96		
40	Pi/2 BPSK	1	53	15.81	15.96	15.76	17.0	0.0
40	Pi/2 BPSK	1	104	15.74	15.93	15.80		
40	Pi/2 BPSK	50	0	15.75	16.03	15.92	17.0	0.0
40	Pi/2 BPSK	50	28	15.71	15.93	15.75	17.0	0.0
40	Pi/2 BPSK	50	56	15.68	15.96	15.68	17.0	0.0
40	Pi/2 BPSK	100	0	15.77	15.93	15.71		
40	QPSK	1	1	15.93	16.11	15.85		
40	QPSK	1	53	15.78	15.97	15.75	17.0	0.0
40	QPSK	1	104	15.86	15.99	15.89		
40	QPSK	50	0	15.70	15.96	15.61		
40	QPSK	50	28	15.66	15.90	15.63	17.0	0.0
40	QPSK	50	56	15.77	15.77	15.82		
40	QPSK	100	0	15.78	15.93	15.78	17.0	0.0
40	16QAM	1	1	15.83	15.87	15.74	17.0	0.0
40	64QAM	1	1	15.84	15.81	15.80	17.0	0.0
40	256QAM	1	1	15.66	15.96	15.83	16.5	0.0
Channel				637334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3573.01	3624.99	3677	17.0	0.0
20	QPSK	1	1	15.80	16.04	15.77		
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98	17.0	0.0
10	QPSK	1	1	15.85	16.05	15.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	14.50	14.46	14.24	15.0	0.0
100	PI/2-BPSK	1	137	14.48	14.31	14.46		
100	PI/2-BPSK	1	271	14.22	14.28	14.39		
100	PI/2-BPSK	135	0	14.37	14.50	14.21	15.0	0.0
100	PI/2-BPSK	135	69	14.32	14.38	14.30	15.0	0.0
100	PI/2-BPSK	135	138	14.32	14.15	14.22	15.0	0.0
100	PI/2-BPSK	270	0	14.23	14.24	14.11		
100	QPSK	1	1	14.42	14.59	14.47	15.0	0.0
100	QPSK	1	137	14.34	14.49	14.20		
100	QPSK	1	271	14.10	14.49	14.32		
100	QPSK	135	0	14.19	14.08	13.98	15.0	0.0
100	QPSK	135	69	14.27	14.36	14.29		
100	QPSK	135	138	14.33	14.32	14.25		
100	QPSK	270	0	14.21	14.23	14.21	15.0	0.0
100	16QAM	1	1	14.35	14.25	14.16	15.0	0.0
100	64QAM	1	1	14.23	14.35	14.23	15.0	0.0
100	256QAM	1	1	14.19	14.42	14.27	15.0	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	14.39	14.53	14.31	15.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	14.28	14.52	14.36	15.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742	3840	3940		
70	QPSK	1	1	14.39	14.40	14.38	15.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.02	3840	3940.98		
60	QPSK	1	1	14.38	14.41	14.34	15.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736.01	3840	3943.99		
50	QPSK	1	1	14.30	14.48	14.35	15.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3950		
40	QPSK	1	1	14.26	14.53	14.33	15.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3716.02	3840.02	3964.98		
30	QPSK	1	1	14.39	14.42	14.27	15.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3713.01	3840	3969.99		
20	QPSK	1	1	14.24	14.53	14.35	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	16.92	16.95	16.70	18.0	0.0
100	PI/2-BPSK	1	137	16.86	17.06	16.75		
100	PI/2-BPSK	1	271	16.85	16.91	16.77		
100	PI/2-BPSK	135	0	16.76	16.74	16.55	18.0	0.0
100	PI/2-BPSK	135	69	16.74	16.85	16.59	18.0	0.0
100	PI/2-BPSK	135	138	17.03	17.15	16.73	18.0	0.0
100	PI/2-BPSK	270	0	16.95	16.98	16.78		
100	QPSK	1	1	16.94	17.24	16.60	18.0	0.0
100	QPSK	1	137	16.73	16.92	16.55		
100	QPSK	1	271	16.78	16.93	16.77		
100	QPSK	135	0	16.32	16.72	16.64	18.0	0.0
100	QPSK	135	69	16.85	16.96	16.60		
100	QPSK	135	138	16.76	16.84	16.76		
100	QPSK	270	0	16.38	16.65	16.63	18.0	0.0
100	16QAM	1	1	16.79	16.83	16.64	18.0	0.0
100	64QAM	1	1	16.86	16.98	16.66	18.0	0.0
100	256QAM	1	1	16.66	16.84	16.68	18.0	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	16.90	17.20	16.68	18.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	16.88	17.07	16.77	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742	3840	3940		
70	QPSK	1	1	16.91	17.20	16.63	18.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.02	3840	3940.98		
60	QPSK	1	1	16.83	17.09	16.79	18.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736.01	3840	3943.99		
50	QPSK	1	1	16.87	17.14	16.72	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3840	3950		
40	QPSK	1	1	16.87	17.23	16.73	18.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3716.02	3840.02	3964.98		
30	QPSK	1	1	16.77	17.06	16.67	18.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3713.01	3840	3969.99		
20	QPSK	1	1	16.86	17.10	16.66	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.84		15.0	0.0
100	PI/2 BPSK	1	137		14.01			
100	PI/2 BPSK	1	271		13.91			
100	PI/2 BPSK	135	0		13.80		15.0	0.0
100	PI/2 BPSK	135	69		13.85		15.0	0.0
100	PI/2 BPSK	135	138		13.74		15.0	0.0
100	PI/2 BPSK	270	0		13.87			
100	QPSK	1	1		14.05		15.0	0.0
100	QPSK	1	137		13.97			
100	QPSK	1	271		13.78			
100	QPSK	135	0		13.82		15.0	0.0
100	QPSK	135	69		13.97			
100	QPSK	135	138		13.91			
100	QPSK	270	0		13.89		15.0	0.0
100	16QAM	1	1		13.88		15.0	0.0
100	64QAM	1	1		13.88		15.0	0.0
100	256QAM	1	1		13.95		15.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
90	QPSK	1	1	13.95	13.93	13.98	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3507.94		
80	QPSK	1	1	13.87	13.91	13.89	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3489.01	3499.98	3510.98		
70	QPSK	1	1	13.91	13.92	13.91	15.0	0.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.98		
60	QPSK	1	1	13.94	13.88	14.02	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3477.02	3499.98	3522		
50	QPSK	1	1	13.93	13.96	14.01	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3479.01	3499.98	3520.98		
40	QPSK	1	1	14.02	14.01	13.98	15.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3483	3499.98	3524.98		
30	QPSK	1	1	13.98	13.98	13.93	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.02	3499.98	3540		
20	QPSK	1	1	13.89	13.93	13.97	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.61		18.0	0.0
100	PI/2 BPSK	1	137		16.68			
100	PI/2 BPSK	1	271		16.63			
100	PI/2 BPSK	135	0		16.63		18.0	0.0
100	PI/2 BPSK	135	69		16.61		18.0	0.0
100	PI/2 BPSK	135	138		17.03		18.0	0.0
100	PI/2 BPSK	270	0		16.80			
100	QPSK	1	1		17.07		18.0	0.0
100	QPSK	1	137		16.54			
100	QPSK	1	271		16.69			
100	QPSK	135	0		16.42		18.0	0.0
100	QPSK	135	69		16.82			
100	QPSK	135	138		16.62			
100	QPSK	270	0		16.62		18.0	0.0
100	16QAM	1	1		16.67		18.0	0.0
100	64QAM	1	1		16.62		18.0	0.0
100	256QAM	1	1		16.48		18.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
90	QPSK	1	1	16.91	17.04	17.00	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3507.94		
80	QPSK	1	1	16.98	17.00	17.00	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3489.01	3499.98	3510.98		
70	QPSK	1	1	16.96	17.00	16.91	18.0	0.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.98		
60	QPSK	1	1	17.02	16.95	16.92	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3477.02	3499.98	3522		
50	QPSK	1	1	17.05	16.90	16.93	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3479.01	3499.98	3520.98		
40	QPSK	1	1	16.98	17.05	16.96	18.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3483	3499.98	3524.98		
30	QPSK	1	1	16.95	17.06	17.00	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.02	3499.98	3540		
20	QPSK	1	1	17.04	16.95	16.97	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3890	3930		
100	PI/2 BPSK	1	1	16.55	16.58	16.41	17.5	0.0
100	PI/2 BPSK	1	137	16.59	16.63	16.46		
100	PI/2 BPSK	1	271	16.57	16.58	16.44		
100	PI/2 BPSK	135	0	16.49	16.40	16.33	17.5	0.0
100	PI/2 BPSK	135	69	16.54	16.57	16.35	17.5	0.0
100	PI/2 BPSK	135	138	16.58	16.52	16.40	17.5	0.0
100	PI/2 BPSK	270	0	16.53	16.41	16.36		
100	QPSK	1	1	16.61	16.70	16.53	17.5	0.0
100	QPSK	1	137	16.40	16.45	16.26		
100	QPSK	1	271	16.52	16.55	16.37		
100	QPSK	135	0	16.42	16.45	16.34	17.5	0.0
100	QPSK	135	69	16.44	16.63	16.30		
100	QPSK	135	138	16.48	16.57	16.38		
100	QPSK	270	0	16.50	16.57	16.38	17.5	0.0
100	16QAM	1	1	16.44	16.54	16.32	17.5	0.0
100	64QAM	1	1	16.57	16.54	16.37	17.5	0.0
100	256QAM	1	1	16.41	16.52	16.41	17.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3890	3930.38		
90	QPSK	1	1	16.49	16.49	16.41	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3890	3930.98		
80	QPSK	1	1	16.43	16.58	16.35	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3890	3930		
70	QPSK	1	1	16.58	16.66	16.43	17.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3890	3929.98		
60	QPSK	1	1	16.47	16.43	16.27	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3890	3930.38		
50	QPSK	1	1	16.45	16.55	16.35	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3890	3930		
40	QPSK	1	1	16.49	16.66	16.37	17.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3890.00	3929.98		
30	QPSK	1	1	16.49	16.64	16.43	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.98	3890	3930.38		
20	QPSK	1	1	16.56	16.52	16.40	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3890	3930		
100	PI/2 BPSK	1	1	19.58	19.64	19.37	20.5	0.0
100	PI/2 BPSK	1	137	19.58	19.61	19.38		
100	PI/2 BPSK	1	271	19.54	19.57	19.39		
100	PI/2 BPSK	135	0	19.44	19.53	19.27	20.5	0.0
100	PI/2 BPSK	135	69	19.49	19.55	19.38	20.5	0.0
100	PI/2 BPSK	135	138	19.42	19.49	19.28	20.5	0.0
100	PI/2 BPSK	270	0	19.50	19.46	19.28		
100	QPSK	1	1	19.62	19.71	19.53	20.5	0.0
100	QPSK	1	137	19.45	19.53	19.23		
100	QPSK	1	271	19.37	19.59	19.29		
100	QPSK	135	0	19.42	19.43	19.24	20.5	0.0
100	QPSK	135	69	19.49	19.39	19.29		
100	QPSK	135	138	19.43	19.48	19.24		
100	QPSK	270	0	19.53	19.54	19.35	20.5	0.0
100	16QAM	1	1	19.55	19.63	19.35	20.5	0.0
100	64QAM	1	1	19.52	19.58	19.27	20.5	0.0
100	256QAM	1	1	19.49	19.42	19.34	20.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3890	3930.38		
90	QPSK	1	1	19.45	19.64	19.31	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3890	3930.98		
80	QPSK	1	1	19.60	19.60	19.46	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3890	3930		
70	QPSK	1	1	19.44	19.70	19.35	20.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.02	3890	3929.98		
60	QPSK	1	1	19.58	19.57	19.37	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3890	3930.38		
50	QPSK	1	1	19.59	19.59	19.52	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3890	3930		
40	QPSK	1	1	19.53	19.55	19.53	20.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3890.00	3929.98		
30	QPSK	1	1	19.51	19.62	19.42	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.98	3890	3930.38		
20	QPSK	1	1	19.52	19.54	19.38	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3490.98			
100	P/2-BPSK	1	1		16.47		17.5	0.0
100	P/2-BPSK	1	137		16.65			
100	P/2-BPSK	1	271		16.45			
100	P/2-BPSK	135	0		16.34		17.5	0.0
100	P/2-BPSK	135	69		16.45		17.5	0.0
100	P/2-BPSK	135	138		16.49		17.5	0.0
100	P/2-BPSK	270	0		16.45			
100	QPSK	1	1		16.63		17.5	0.0
100	QPSK	1	137		16.39			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.28		17.5	0.0
100	QPSK	135	69		16.61			
100	QPSK	135	138		16.65			
100	QPSK	270	0		16.54		17.5	0.0
100	16QAM	1	1		16.55		17.5	0.0
100	64QAM	1	1		16.51		17.5	0.0
100	256QAM	1	1		16.49		17.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3490.98	3516.98		
90	QPSK	1	1	16.46	16.47	16.37	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3490.98	3518		
80	QPSK	1	1	16.55	16.49	16.57	17.5	0.0
Channel				632334	633332	634330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3490.98	3516.98		
70	QPSK	1	1	16.54	16.53	16.59	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3490.98	3516.98		
60	QPSK	1	1	16.59	16.55	16.58	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3490.98	3520		
50	QPSK	1	1	16.47	16.52	16.45	17.5	0.0
Channel				631334	633332	635330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3461.01	3490.98	3520.98		
40	QPSK	1	1	16.49	16.52	16.60	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3490.98	3522.98		
30	QPSK	1	1	16.55	16.49	16.49	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3458.02	3490.98	3540		
20	QPSK	1	1	16.49	16.49	16.52	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3490.98			
100	P/2-BPSK	1	1		19.12		20.5	0.0
100	P/2-BPSK	1	137		19.01			
100	P/2-BPSK	1	271		19.42			
100	P/2-BPSK	135	0		19.01		20.5	0.0
100	P/2-BPSK	135	69		19.40		20.5	0.0
100	P/2-BPSK	135	138		19.36		20.5	0.0
100	P/2-BPSK	270	0		19.31			
100	QPSK	1	1		19.67		20.5	0.0
100	QPSK	1	137		19.01			
100	QPSK	1	271		19.12			
100	QPSK	135	0		19.37		20.5	0.0
100	QPSK	135	69		19.01			
100	QPSK	135	138		19.32			
100	QPSK	270	0		19.38			
100	16QAM	1	1		19.59		20.5	0.0
100	64QAM	1	1		19.48		20.5	0.0
100	256QAM	1	1		19.32		20.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3490.98	3516.98		
90	QPSK	1	1	19.38	19.66	19.63	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3490.98	3518		
80	QPSK	1	1	19.38	19.62	19.55	20.5	0.0
Channel				632334	633332	634330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3490.98	3516.98		
70	QPSK	1	1	19.38	19.66	19.63	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3490.98	3516.98		
60	QPSK	1	1	19.42	19.51	19.59	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.02	3490.98	3520		
50	QPSK	1	1	19.38	19.61	19.66	20.5	0.0
Channel				631334	633332	635330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3461.01	3490.98	3520.98		
40	QPSK	1	1	19.34	19.66	19.65	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3490.98	3522.98		
30	QPSK	1	1	19.43	19.27	19.63	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3458.02	3490.98	3540		
20	QPSK	1	1	19.38	19.59	19.51	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	12.62	12.79	12.43	14.5	0.0
100	PI/2-BPSK	1	137	12.63	12.63	12.39		
100	PI/2-BPSK	1	271	12.69	12.79	12.37		
100	PI/2-BPSK	135	0	12.78	12.89	12.31	14.5	0.0
100	PI/2-BPSK	135	69	12.61	12.67	12.32	14.5	0.0
100	PI/2-BPSK	135	138	12.75	12.72	12.11	14.5	0.0
100	PI/2-BPSK	270	0	12.82	12.72	12.15		
100	QPSK	1	1	13.23	13.19	12.39	14.5	0.0
100	QPSK	1	137	12.75	12.79	12.32		
100	QPSK	1	271	12.72	12.71	12.14		
100	QPSK	135	0	12.83	12.78	12.28	14.5	0.0
100	QPSK	135	69	12.69	12.73	12.13		
100	QPSK	135	138	12.32	12.79	12.11		
100	QPSK	270	0	12.78	12.69	12.14	14.5	0.0
100	16QAM	1	1	12.78	12.89	12.32	14.5	0.0
100	64QAM	1	1	12.73	12.82	12.07	14.5	0.0
100	256QAM	1	1	12.66	12.77	12.19	14.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.62	3840	3930.38		
90	QPSK	1	1	12.67	12.79	12.23	14.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	12.61	12.84	12.31	14.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	12.69	12.67	12.33	14.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.02	3840	3937.98		
60	QPSK	1	1	12.68	12.79	12.31	14.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.01	3840	3940.99		
50	QPSK	1	1	12.67	12.81	12.34	14.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
40	QPSK	1	1	12.85	12.89	12.37	14.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3840.00	3948.98		
30	QPSK	1	1	12.82	12.87	12.26	14.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3840	3951.99		
20	QPSK	1	1	12.95	12.82	12.31	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	16.23	16.07	15.94	17.5	0.0
100	PI/2-BPSK	1	137	16.25	16.13	15.93		
100	PI/2-BPSK	1	271	16.33	16.20	16.08		
100	PI/2-BPSK	135	0	16.16	15.98	15.99	17.5	0.0
100	PI/2-BPSK	135	69	16.22	15.93	15.77	17.5	0.0
100	PI/2-BPSK	135	138	16.26	15.99	15.88	17.5	0.0
100	PI/2-BPSK	270	0	16.41	16.10	16.13		
100	QPSK	1	1	16.43	16.28	16.11	17.5	0.0
100	QPSK	1	137	16.24	15.92	15.75		
100	QPSK	1	271	16.31	16.11	15.94		
100	QPSK	135	0	16.07	16.03	15.88	17.5	0.0
100	QPSK	135	69	16.26	16.04	15.79		
100	QPSK	135	138	16.25	15.98	15.83		
100	QPSK	270	0	16.12	15.94	15.82	17.5	0.0
100	16QAM	1	1	16.24	16.02	16.03	17.5	0.0
100	64QAM	1	1	16.32	15.99	15.83	17.5	0.0
100	256QAM	1	1	16.25	16.00	15.86	17.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.62	3840	3930.38		
90	QPSK	1	1	16.40	16.06	15.89	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	16.27	16.04	16.06	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	16.38	16.12	16.03	17.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.02	3840	3937.98		
60	QPSK	1	1	16.35	16.23	15.95	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.01	3840	3940.99		
50	QPSK	1	1	16.27	16.25	16.06	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
40	QPSK	1	1	16.37	16.16	16.05	17.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3840.00	3948.98		
30	QPSK	1	1	16.33	16.22	15.98	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3728.01	3840	3951.99		
20	QPSK	1	1	16.42	16.15	15.98	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		13.63		14.5	0.0
100	PI/2-BPSK	1	137		13.55			
100	PI/2-BPSK	1	271		13.65			
100	PI/2-BPSK	135	0		13.62		14.5	0.0
100	PI/2-BPSK	135	69		13.58		14.5	0.0
100	PI/2-BPSK	135	138		13.49		14.5	0.0
100	PI/2-BPSK	270	0		13.63			
100	QPSK	1	1		13.74		14.5	0.0
100	QPSK	1	137		13.72			
100	QPSK	1	271		13.54			
100	QPSK	135	0		13.54		14.5	0.0
100	QPSK	135	69		13.54			
100	QPSK	135	138		13.53			
100	QPSK	270	0		13.54		14.5	0.0
100	16QAM	1	1		13.49		14.5	0.0
100	64QAM	1	1		13.43		14.5	0.0
100	256QAM	1	1		13.59		14.5	0.0
Channel				633000	633332	633664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.98		
90	QPSK	1	1	13.68	13.68	13.68	14.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.57	13.57	13.68	14.5	0.0
Channel				632334	633332	634330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.68	13.60	13.57	14.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98		
60	QPSK	1	1	13.63	13.73	13.69	14.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.02	3499.98	3530		
50	QPSK	1	1	13.58	13.69	13.55	14.5	0.0
Channel				631334	633332	635330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3499.98	3539.98		
40	QPSK	1	1	13.73	13.62	13.62	14.5	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3499.98	3549.98		
30	QPSK	1	1	13.70	13.58	13.60	14.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3560		
20	QPSK	1	1	13.63	13.65	13.58	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		16.98		17.5	0.0
100	PI/2-BPSK	1	137		17.06			
100	PI/2-BPSK	1	271		16.97			
100	PI/2-BPSK	135	0		16.93		17.5	0.0
100	PI/2-BPSK	135	69		16.92		17.5	0.0
100	PI/2-BPSK	135	138		16.92		17.5	0.0
100	PI/2-BPSK	270	0		16.95			
100	QPSK	1	1		17.14		17.5	0.0
100	QPSK	1	137		16.87			
100	QPSK	1	271		16.99			
100	QPSK	135	0		16.93		17.5	0.0
100	QPSK	135	69		17.03			
100	QPSK	135	138		16.95			
100	QPSK	270	0		16.96		17.5	0.0
100	16QAM	1	1		16.95		17.5	0.0
100	64QAM	1	1		17.00		17.5	0.0
100	256QAM	1	1		16.82		17.5	0.0
Channel				633000	633332	633664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.98		
90	QPSK	1	1	17.06	17.08	17.13	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.03	17.02	17.01	17.5	0.0
Channel				632334	633332	634330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.10	17.00	17.08	17.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98		
60	QPSK	1	1	17.03	17.00	16.99	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.02	3499.98	3530		
50	QPSK	1	1	17.07	16.98	17.01	17.5	0.0
Channel				631334	633332	635330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3499.98	3539.98		
40	QPSK	1	1	17.10	17.00	17.03	17.5	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3499.98	3549.98		
30	QPSK	1	1	17.01	16.99	17.07	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440.02	3499.98	3560		
20	QPSK	1	1	17.08	16.99	17.08	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	P/2-BPSK	1	1	13.63	13.85	13.48	15.5	0.0
100	P/2-BPSK	1	137	13.67	13.85	13.43		
100	P/2-BPSK	1	271	13.66	13.83	13.39		
100	P/2-BPSK	135	0	13.99	13.83	13.33	15.5	0.0
100	P/2-BPSK	135	69	13.69	13.79	13.40	15.5	0.0
100	P/2-BPSK	135	138	13.63	13.71	13.26	15.5	0.0
100	P/2-BPSK	270	0	13.67	13.67	13.10		
100	QPSK	1	1	14.11	13.84	13.43	15.5	0.0
100	QPSK	1	137	13.84	13.82	13.44		
100	QPSK	1	271	13.77	13.67	13.23		
100	QPSK	135	0	13.72	13.55	13.19	15.5	0.0
100	QPSK	135	69	14.07	13.86	13.43		
100	QPSK	135	138	13.82	13.68	13.42		
100	QPSK	270	0	13.84	13.59	13.08	15.5	0.0
100	16QAM	1	1	14.00	13.84	13.51	15.5	0.0
100	64QAM	1	1	13.84	13.75	13.53	15.5	0.0
100	256QAM	1	1	13.66	13.70	13.67	15.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	14.04	13.80	13.31	15.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	14.08	13.69	13.32	15.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	14.08	13.79	13.25	15.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	13.93	13.72	13.29	15.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	13.93	13.67	13.23	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	13.99	13.67	13.32	15.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840.00	3936.98		
30	QPSK	1	1	14.05	13.71	13.32	15.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3939.99		
20	QPSK	1	1	14.10	13.77	13.38	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	P/2-BPSK	1	1	17.23	16.97	16.70	18.5	0.0
100	P/2-BPSK	1	137	17.22	17.14	16.64		
100	P/2-BPSK	1	271	17.25	17.06	16.49		
100	P/2-BPSK	135	0	17.30	16.95	16.50	18.5	0.0
100	P/2-BPSK	135	69	17.26	16.79	16.52	18.5	0.0
100	P/2-BPSK	135	138	17.20	17.09	16.46	18.5	0.0
100	P/2-BPSK	270	0	17.24	17.07	16.42		
100	QPSK	1	1	17.35	17.21	16.60	18.5	0.0
100	QPSK	1	137	17.13	16.93	16.48		
100	QPSK	1	271	17.03	17.04	16.39		
100	QPSK	135	0	17.10	16.97	16.49	18.5	0.0
100	QPSK	135	69	17.25	16.84	16.43		
100	QPSK	135	138	16.96	17.05	16.48		
100	QPSK	270	0	17.16	17.11	16.46	18.5	0.0
100	16QAM	1	1	17.16	16.92	16.57	18.5	0.0
100	64QAM	1	1	17.15	17.11	16.46	18.5	0.0
100	256QAM	1	1	17.15	17.01	16.45	18.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	17.24	17.20	16.47	18.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	17.29	17.20	16.55	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	17.22	17.16	16.57	18.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	17.21	17.09	16.59	18.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	17.24	17.04	16.57	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	17.27	17.18	16.49	18.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840.00	3936.98		
30	QPSK	1	1	17.21	17.18	16.46	18.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3939.99		
20	QPSK	1	1	17.23	17.14	16.57	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	P/2-BPSK	1	1		14.72		15.5	0.0
100	P/2-BPSK	1	137		14.64			
100	P/2-BPSK	1	271		14.68			
100	P/2-BPSK	135	0		14.78		15.5	0.0
100	P/2-BPSK	135	69		14.58		15.5	0.0
100	P/2-BPSK	135	138		14.46		15.5	0.0
100	P/2-BPSK	270	0		14.49			
100	QPSK	1	1		14.79		15.5	0.0
100	QPSK	1	137		14.68			
100	QPSK	1	271		14.61			
100	QPSK	135	0		14.45		15.5	0.0
100	QPSK	135	69		14.77			
100	QPSK	135	138		14.53			
100	QPSK	270	0		14.33		15.5	0.0
100	16QAM	1	1		14.78		15.5	0.0
100	64QAM	1	1		14.49		15.5	0.0
100	256QAM	1	1		14.35		15.5	0.0
Channel				633000	633332	633664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3483.96		
90	QPSK	1	1	14.72	14.62	14.78	15.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3448.02	3466.98	3515		
80	QPSK	1	1	14.65	14.62	14.76	15.5	0.0
Channel				632334	633332	634330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3445.01	3466.98	3514.98		
70	QPSK	1	1	14.66	14.72	14.77	15.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440	3466.98	3513.96		
60	QPSK	1	1	14.75	14.75	14.79	15.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3437.02	3466.98	3520		
50	QPSK	1	1	14.83	14.63	14.72	15.5	0.0
Channel				631334	633332	635330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3523.98		
40	QPSK	1	1	14.71	14.62	14.69	15.5	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3522.96		
30	QPSK	1	1	14.75	14.66	14.67	15.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.02	3466.98	3540		
20	QPSK	1	1	14.72	14.72	14.74	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	P/2-BPSK	1	1		17.60		18.5	0.0
100	P/2-BPSK	1	137		17.66			
100	P/2-BPSK	1	271		18.02			
100	P/2-BPSK	135	0		17.74		18.5	0.0
100	P/2-BPSK	135	69		17.77		18.5	0.0
100	P/2-BPSK	135	138		17.68		18.5	0.0
100	P/2-BPSK	270	0		17.91			
100	QPSK	1	1		18.09		18.5	0.0
100	QPSK	1	137		17.77			
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.65		18.5	0.0
100	QPSK	135	69		17.99			
100	QPSK	135	138		17.68			
100	QPSK	270	0		18.02		18.5	0.0
100	16QAM	1	1		17.99		18.5	0.0
100	64QAM	1	1		17.60		18.5	0.0
100	256QAM	1	1		18.05		18.5	0.0
Channel				633000	633332	633664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450	3466.98	3483.96		
90	QPSK	1	1	17.98	18.00	17.98	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3448.02	3466.98	3515		
80	QPSK	1	1	18.00	18.03	17.92	18.5	0.0
Channel				632334	633332	634330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3445.01	3466.98	3514.98		
70	QPSK	1	1	17.95	17.96	18.01	18.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3440	3466.98	3513.96		
60	QPSK	1	1	18.04	18.07	18.03	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3437.02	3466.98	3520		
50	QPSK	1	1	18.01	17.93	17.95	18.5	0.0
Channel				631334	633332	635330	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3523.98		
40	QPSK	1	1	18.00	17.97	18.04	18.5	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3466.98	3522.96		
30	QPSK	1	1	17.98	17.97	17.92	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.02	3466.98	3540		
20	QPSK	1	1	18.08	18.07	18.02	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3700			
100	PI/2-BPSK	1	1		14.45		15.0	0.0
100	PI/2-BPSK	1	137		14.34			
100	PI/2-BPSK	1	271		14.23			
100	PI/2-BPSK	135	0		14.47		15.0	0.0
100	PI/2-BPSK	135	69		14.41		15.0	0.0
100	PI/2-BPSK	135	138		14.22		15.0	0.0
100	PI/2-BPSK	270	0		14.23			
100	QPSK	1	1		14.49		15.0	0.0
100	QPSK	1	137		14.33			
100	QPSK	1	271		14.29			
100	QPSK	135	0		14.29		15.0	0.0
100	QPSK	135	69		14.45			
100	QPSK	135	138		14.23			
100	QPSK	270	0		14.22		15.0	0.0
100	16QAM	1	1		14.19		15.0	0.0
100	64QAM	1	1		14.27		15.0	0.0
100	256QAM	1	1		14.30		15.0	0.0
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3750.98		
90	QPSK	1	1	14.45	14.33	14.33	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.01	3750	3751.99		
80	QPSK	1	1	14.31	14.42	14.34	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755		
70	QPSK	1	1	14.40	14.41	14.37	15.0	0.0
Channel				648666	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3750	3756.98		
60	QPSK	1	1	14.42	14.34	14.41	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.01	3750	3757.99		
50	QPSK	1	1	14.41	14.34	14.22	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3760		
40	QPSK	1	1	14.43	14.36	11.97	15.0	0.0
Channel				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3750.00	3761.98		
30	QPSK	1	1	14.38	14.38	14.27	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.01	3750	3762.99		
20	QPSK	1	1	14.36	14.45	14.38	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		14.27		15.0	0.0
100	PI/2-BPSK	1	137		14.31			
100	PI/2-BPSK	1	271		14.22			
100	PI/2-BPSK	135	0		14.29		15.0	0.0
100	PI/2-BPSK	135	69		14.31		15.0	0.0
100	PI/2-BPSK	135	138		14.13		15.0	0.0
100	PI/2-BPSK	270	0		14.13			
100	QPSK	1	1		14.42		15.0	0.0
100	QPSK	1	137		14.32			
100	QPSK	1	271		14.14			
100	QPSK	135	0		14.13		15.0	0.0
100	QPSK	135	69		14.22			
100	QPSK	135	138		14.12			
100	QPSK	270	0		14.04		15.0	0.0
100	16QAM	1	1		14.06		15.0	0.0
100	64QAM	1	1		14.28		15.0	0.0
100	256QAM	1	1		14.13		15.0	0.0
Channel				632668	633332	633998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3498	3499.98	3501.98		
90	QPSK	1	1	14.30	14.24	14.21	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3498.02	3499.98	3501		
80	QPSK	1	1	14.33	14.19	14.17	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.01	3499.98	3504.98		
70	QPSK	1	1	14.29	14.27	14.25	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
60	QPSK	1	1	14.35	14.18	14.21	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3487.02	3499.98	3513		
50	QPSK	1	1	14.32	14.25	14.26	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
40	QPSK	1	1	14.34	14.25	14.30	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.98		
30	QPSK	1	1	14.27	14.17	14.29	15.0	0.0
Channel				630668	633332	635998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02	3499.98	3520		
20	QPSK	1	1	14.25	14.16	14.22	15.0	0.0

Reduced Power Mode for DSI 6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.64	20.69	20.61	21.5	0.0
20	PI/2 BPSK	1	53	20.59	20.65	20.52		
20	PI/2 BPSK	1	104	20.55	20.67	20.64		
20	PI/2 BPSK	50	0	19.95	20.10	20.04	21.5	0.0
20	PI/2 BPSK	50	28	20.64	20.66	20.55	21.5	0.0
20	PI/2 BPSK	50	56	19.99	20.14	20.06	21.5	0.0
20	PI/2 BPSK	100	0	20.06	20.19	20.18		
20	QPSK	1	1	20.48	20.61	20.60	21.5	0.0
20	QPSK	1	53	20.56	20.59	20.45		
20	QPSK	1	104	20.57	20.62	20.58		
20	QPSK	50	0	19.58	19.71	19.67	21.5	0.0
20	QPSK	50	28	20.59	20.67	20.60	21.5	0.0
20	QPSK	50	56	20.03	20.52	20.15	21.5	0.0
20	QPSK	100	0	20.04	20.54	20.17		
20	16QAM	1	1	20.55	20.51	20.49	21.5	0.0
20	64QAM	1	1	20.50	20.61	20.44	21.5	0.0
20	256QAM	1	1	18.65	18.63	18.66	19.5	2.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.57	20.67	20.53	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.72	20.78	20.67	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.74	20.80	20.77	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.77	18.67	18.66	19.5	0.0
20	PI/2 BPSK	1	53	18.66	18.81	18.80		
20	PI/2 BPSK	1	104	18.68	18.78	18.71		
20	PI/2 BPSK	50	0	18.57	18.72	18.60	19.5	0.0
20	PI/2 BPSK	50	28	18.71	18.76	18.62	19.5	0.0
20	PI/2 BPSK	50	56	18.71	18.74	18.68	19.5	0.0
20	PI/2 BPSK	100	0	18.65	18.67	18.63		
20	QPSK	1	1	18.65	18.89	18.67	19.5	0.0
20	QPSK	1	53	18.62	18.77	18.63		
20	QPSK	1	104	18.64	18.75	18.72		
20	QPSK	50	0	17.79	17.87	17.83	19.5	0.0
20	QPSK	50	28	18.67	18.79	18.73	19.5	0.0
20	QPSK	50	56	18.42	18.58	18.32	19.5	0.0
20	QPSK	100	0	18.59	18.62	18.60		
20	16QAM	1	1	18.24	18.59	18.25	19.5	0.0
20	64QAM	1	1	18.36	18.73	18.36	19.5	0.0
20	256QAM	1	1	18.43	18.64	18.36	19.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.80	18.85	18.73	19.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.79	18.74	18.72	19.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.68	18.73	18.63	19.5	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166600	167300	167900		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.12	23.09	23.18	24.0	0.0
20	PI/2 BPSK	1	53	22.99	23.06	22.99		
20	PI/2 BPSK	1	104	22.92	23.01	22.98		
20	PI/2 BPSK	50	0	22.45	22.58	22.55	23.5	0.5
20	PI/2 BPSK	50	28	22.97	23.04	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.30	22.45	22.42	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.56	22.47		
20	QPSK	1	1	22.85	23.20	22.91	24.0	0.0
20	QPSK	1	53	22.96	23.02	23.00		
20	QPSK	1	104	22.85	22.96	22.94		
20	QPSK	50	0	21.97	22.10	22.07	23.0	1.0
20	QPSK	50	28	22.90	22.97	22.94	24.0	0.0
20	QPSK	50	56	21.80	21.91	21.79	23.0	1.0
20	QPSK	100	0	21.87	22.00	21.88		
20	16QAM	1	1	22.09	22.13	22.08	23.0	1.0
20	64QAM	1	1	20.54	20.57	20.50	21.5	2.5
20	256QAM	1	1	18.65	18.72	18.68	19.5	4.5
Channel				166350	167300	168250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.13	23.11	24.0	0.0
Channel				166150	167300	168450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.91	23.04	23.00	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.17	22.93	24.0	0.0

n5_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166600	167300	167900		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.14	23.15	23.22	24.0	0.0
20	PI/2 BPSK	1	53	23.05	23.10	22.96		
20	PI/2 BPSK	1	104	23.02	23.06	22.92		
20	PI/2 BPSK	50	0	23.09	23.11	23.10	23.5	0.5
20	PI/2 BPSK	50	28	22.97	23.00	22.94	24.0	0.0
20	PI/2 BPSK	50	56	22.80	22.93	22.90	23.5	0.5
20	PI/2 BPSK	100	0	22.93	23.05	23.03		
20	QPSK	1	1	23.00	23.28	23.02	24.0	0.0
20	QPSK	1	53	23.01	23.05	23.03		
20	QPSK	1	104	22.92	22.97	22.88		
20	QPSK	50	0	22.01	22.06	22.05	23.0	1.0
20	QPSK	50	28	22.93	22.98	22.85	24.0	0.0
20	QPSK	50	56	21.83	21.89	21.80	23.0	1.0
20	QPSK	100	0	21.84	21.97	21.87		
20	16QAM	1	1	21.98	21.94	21.92	23.0	1.0
20	64QAM	1	1	20.53	20.67	20.53	21.5	2.5
20	256QAM	1	1	18.69	18.75	18.61	19.5	4.5
Channel				166250	167300	168350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.20	23.09	24.0	0.0
Channel				165850	167300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.12	23.19	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.10	23.16	23.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.79	17.95	17.82	19.0	0.0
40	PI/2 BPSK	1	108	17.89	17.85	17.83		
40	PI/2 BPSK	1	214	17.88	17.91	17.76		
40	PI/2 BPSK	108	0	17.51	17.65	17.42	19.0	0.0
40	PI/2 BPSK	108	54	17.69	17.60	17.44	19.0	0.0
40	PI/2 BPSK	108	108	17.69	17.77	17.34	19.0	0.0
40	PI/2 BPSK	216	0	17.70	17.56	17.42		
40	QPSK	1	1	17.87	18.00	17.94	19.0	0.0
40	QPSK	1	108	17.52	17.60	17.60		
40	QPSK	1	214	17.78	17.73	17.67		
40	QPSK	108	0	16.75	16.73	16.73	19.0	0.0
40	QPSK	108	54	17.58	17.62	17.55	19.0	0.0
40	QPSK	108	108	17.61	17.53	17.44	19.0	0.0
40	QPSK	216	0	17.53	17.62	17.61		
40	16QAM	1	1	17.52	17.66	17.41	19.0	0.0
40	64QAM	1	1	17.58	17.71	17.54	19.0	0.0
40	256QAM	1	1	17.82	17.83	17.77	19.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.77	17.98	17.89	19.0	0.0
Channel				503250	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.86	17.87	17.89	19.0	0.0
Channel				503000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.70	17.83	17.87	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.86	17.97	17.78	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.74	17.90	17.92	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.72	17.82	17.93	19.0	0.0

n7_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.92	17.01	16.90	18.0	0.0
40	PI/2 BPSK	1	108	16.89	16.97	16.90		
40	PI/2 BPSK	1	214	16.87	16.97	16.90		
40	PI/2 BPSK	108	0	16.82	16.89	16.76	18.0	0.5
40	PI/2 BPSK	108	54	17.01	16.91	17.01	18.0	0.0
40	PI/2 BPSK	108	108	17.14	17.24	17.05	18.0	0.5
40	PI/2 BPSK	216	0	17.02	17.17	17.05		
40	QPSK	1	1	17.15	17.31	17.06	18.0	0.0
40	QPSK	1	108	17.13	17.12	16.98		
40	QPSK	1	214	17.03	17.18	16.93		
40	QPSK	108	0	17.04	17.05	16.93	18.0	0.0
40	QPSK	108	54	17.08	17.15	17.03	18.0	0.0
40	QPSK	108	108	17.00	17.09	16.91	18.0	0.0
40	QPSK	216	0	17.07	17.18	17.02		
40	16QAM	1	1	17.12	17.16	16.99	18.0	0.0
40	64QAM	1	1	16.99	17.20	16.92	18.0	0.0
40	256QAM	1	1	17.03	17.16	16.89	18.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.07	17.12	17.00	18.0	0.0
Channel				503250	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.07	17.18	16.98	18.0	0.0
Channel				503000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.08	17.15	17.00	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.09	17.13	16.98	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.12	17.14	17.03	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.11	17.18	17.00	18.0	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.11	23.09	23.02	24.0	0.0
15	PI/2 BPSK	1	49	22.85	22.94	22.91		
15	PI/2 BPSK	1	77	22.82	22.83	22.70		
15	PI/2 BPSK	36	0	22.28	22.39	22.26	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.76	22.70	24.0	0.0
15	PI/2 BPSK	36	43	22.22	22.26	22.16	23.5	0.5
15	PI/2 BPSK	75	0	22.33	22.35	22.27		
15	QPSK	1	1	22.92	23.12	22.93	24.0	0.0
15	QPSK	1	49	22.78	22.80	22.76		
15	QPSK	1	77	22.56	22.67	22.62		
15	QPSK	36	0	21.75	21.90	21.88	23.0	1.0
15	QPSK	36	22	22.74	22.81	22.80	24.0	0.0
15	QPSK	36	43	21.74	21.75	21.68	23.0	1.0
15	QPSK	75	0	21.74	21.84	21.79		
15	16QAM	1	1	21.96	22.11	22.08	23.0	1.0
15	64QAM	1	1	20.60	20.66	20.61	21.5	2.5
15	256QAM	1	1	18.66	18.67	18.58	19.5	4.5
Channel				140850	141000	141200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706	707.5	711		
10	QPSK	1	1	22.95	23.00	22.88	24.0	0.0
Channel				140650	141000	141350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				705.5	707.5	713.5		
5	QPSK	1	1	22.93	23.06	22.96	24.0	0.0

n12_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.08	23.11	23.05	24.0	0.0
15	PI/2 BPSK	1	40	22.88	22.98	22.88		
15	PI/2 BPSK	1	77	22.83	22.96	22.83		
15	PI/2 BPSK	36	0	22.67	22.92	22.76	23.5	0.5
15	PI/2 BPSK	36	22	22.52	22.71	22.60	24.0	0.0
15	PI/2 BPSK	36	43	22.64	22.71	22.60	23.5	0.5
15	PI/2 BPSK	75	0	22.62	22.76	22.61		
15	QPSK	1	1	23.07	23.13	23.04	24.0	0.0
15	QPSK	1	40	22.77	22.87	22.77		
15	QPSK	1	77	22.70	22.72	22.61		
15	QPSK	36	0	22.01	22.09	21.98	23.0	1.0
15	QPSK	36	22	22.78	22.81	22.67	24.0	0.0
15	QPSK	36	43	21.79	21.94	21.82	23.0	1.0
15	QPSK	75	0	21.86	22.01	21.88		
15	16QAM	1	1	22.31	22.41	22.38	23.0	1.0
15	64QAM	1	1	20.55	20.50	20.32	21.5	2.5
15	256QAM	1	1	18.79	18.82	18.66	19.5	4.5
Channel				140850	141000	141200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706	707.5	711		
10	QPSK	1	1	23.01	23.01	23.02	24.0	0.0
Channel				140650	141000	141350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				705.5	707.5	713.5		
5	QPSK	1	1	23.04	23.12	23.06	24.0	0.0

n14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.29		24.0	0.0
10	PI/2 BPSK	1	26		23.24			
10	PI/2 BPSK	1	50		23.26			
10	PI/2 BPSK	25	0		22.79		23.5	0.5
10	PI/2 BPSK	25	14		23.26		24.0	0.0
10	PI/2 BPSK	25	27		22.77		23.5	0.5
10	PI/2 BPSK	50	0		22.79			
10	QPSK	1	1		23.31		24.0	0.0
10	QPSK	1	26		23.29			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.19		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.22		23.0	1.0
10	QPSK	50	0		22.27			
10	16QAM	1	1		22.36		23.0	1.0
10	64QAM	1	1		20.95		21.5	2.5
10	256QAM	1	1		18.69		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.27	23.24	23.27	24.0	0.0

n14_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.10		24.0	0.0
10	PI/2 BPSK	1	26		23.15			
10	PI/2 BPSK	1	50		23.14			
10	PI/2 BPSK	25	0		22.74		23.5	0.5
10	PI/2 BPSK	25	14		23.09		24.0	0.0
10	PI/2 BPSK	25	27		22.61		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.17		24.0	0.0
10	QPSK	1	26		23.11			
10	QPSK	1	50		23.07			
10	QPSK	25	0		22.23		23.0	1.0
10	QPSK	25	14		23.12		24.0	0.0
10	QPSK	25	27		22.16		23.0	1.0
10	QPSK	50	0		22.18			
10	16QAM	1	1		22.21		23.0	1.0
10	64QAM	1	1		20.64		21.5	2.5
10	256QAM	1	1		18.65		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.11	23.16	23.10	24.0	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.53	20.44	20.56	21.5	0.0
40	PI/2 BPSK	1	108	20.58	20.68	20.46		
40	PI/2 BPSK	1	214	20.58	20.62	20.47		
40	PI/2 BPSK	108	0	20.59	20.69	20.47	21.5	0.0
40	PI/2 BPSK	108	54	20.38	20.46	20.50	21.5	0.0
40	PI/2 BPSK	108	108	20.62	20.51	20.48	21.5	0.0
40	PI/2 BPSK	216	0	20.67	20.71	20.56		
40	QPSK	1	1	20.97	21.39	20.85	21.5	0.0
40	QPSK	1	108	20.46	20.58	20.52		
40	QPSK	1	214	20.53	20.71	20.56		
40	QPSK	108	0	20.62	20.62	20.38	21.5	0.0
40	QPSK	108	54	20.64	20.67	20.54	21.5	0.0
40	QPSK	108	108	20.61	20.58	20.58	21.5	0.0
40	QPSK	216	0	20.57	20.87	20.53		
40	16QAM	1	1	20.62	20.65	20.55	21.5	0.0
40	64QAM	1	1	20.61	20.64	20.49	21.5	0.0
40	256QAM	1	1	19.02	19.11	19.08	19.5	2.0
Channel				375000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.59	20.77	20.55	21.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.50	20.77	20.45	21.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	20.61	20.78	20.48	21.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.51	20.79	20.52	21.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.57	20.73	20.52	21.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.60	20.77	20.48	21.5	0.0

n25_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.47	18.56	18.46	19.5	0.0
40	PI/2 BPSK	1	108	18.43	18.57	18.52		
40	PI/2 BPSK	1	214	18.33	18.51	18.33		
40	PI/2 BPSK	108	0	18.48	18.58	18.56	19.5	0.0
40	PI/2 BPSK	108	54	18.42	18.57	18.55	19.5	0.0
40	PI/2 BPSK	108	108	18.50	18.52	18.61	19.5	0.0
40	PI/2 BPSK	216	0	18.50	18.63	18.46		
40	QPSK	1	1	18.74	18.87	18.82	19.5	0.0
40	QPSK	1	108	18.60	18.78	18.69		
40	QPSK	1	214	18.62	18.64	18.50		
40	QPSK	108	0	18.33	18.31	18.15	19.5	0.0
40	QPSK	108	54	18.68	18.80	18.74	19.5	0.0
40	QPSK	108	108	18.60	18.79	18.74	19.5	0.0
40	QPSK	216	0	18.73	18.83	18.67		
40	16QAM	1	1	18.60	18.72	18.60	19.5	0.0
40	64QAM	1	1	18.68	18.78	18.73	19.5	0.0
40	256QAM	1	1	18.66	18.80	18.73	19.5	0.0
Channel				375000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.38	18.55	18.39	19.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.35	18.46	18.41	19.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.38	18.44	18.40	19.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.39	18.44	18.43	19.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.46	18.50	18.39	19.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.39	18.50	18.38	19.5	0.0

n26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164850	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.15	23.13	23.11	24.0	0.0
20	PI/2 BPSK	1	53	22.97	23.02	22.91		
20	PI/2 BPSK	1	104	22.90	23.00	22.88		
20	PI/2 BPSK	50	0	22.61	22.63	22.62	23.5	0.5
20	PI/2 BPSK	50	28	23.00	23.05	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.39	22.45	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.46	22.53	22.42		
20	QPSK	1	1	23.17	23.23	23.17	24.0	0.0
20	QPSK	1	53	23.10	23.21	23.18		
20	QPSK	1	104	23.05	23.17	23.08		
20	QPSK	50	0	21.99	22.11	22.07	23.0	1.0
20	QPSK	50	28	22.94	23.03	23.00	24.0	0.0
20	QPSK	50	56	21.91	22.00	21.88	23.0	1.0
20	QPSK	100	0	21.95	22.04	21.97		
20	16QAM	1	1	21.99	22.08	22.07	23.0	1.0
20	64QAM	1	1	20.55	20.63	20.59	21.5	2.5
20	256QAM	1	1	18.77	18.85	18.77	19.5	4.5
Channel				164150	166300	168450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.07	23.14	23.05	24.0	0.0
Channel				163850	166300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.08	23.05	23.13	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.10	23.13	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164850	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.96	23.02	22.93	24.0	0.0
20	PI/2 BPSK	1	53	22.93	23.01	22.98		
20	PI/2 BPSK	1	104	22.95	22.97	22.96		
20	PI/2 BPSK	50	0	22.61	22.65	22.48	23.5	0.5
20	PI/2 BPSK	50	28	22.98	23.04	22.92	24.0	0.0
20	PI/2 BPSK	50	56	22.84	23.01	22.89	23.5	0.5
20	PI/2 BPSK	100	0	22.44	22.64	22.51		
20	QPSK	1	1	23.16	23.34	23.13	24.0	0.0
20	QPSK	1	53	23.11	23.14	23.08		
20	QPSK	1	104	22.94	23.05	22.95		
20	QPSK	50	0	22.21	22.22	22.18	23.0	1.0
20	QPSK	50	28	23.11	23.15	23.14	24.0	0.0
20	QPSK	50	56	22.99	22.07	22.93	23.0	1.0
20	QPSK	100	0	21.94	22.15	22.12		
20	16QAM	1	1	21.98	22.23	22.25	23.0	1.0
20	64QAM	1	1	20.48	20.55	20.59	21.5	2.5
20	256QAM	1	1	19.05	19.00	19.08	19.5	4.5
Channel				164150	166300	168450	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.91	22.94	23.00	24.0	0.0
Channel				163850	166300	168850	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.90	22.98	23.01	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.99	22.91	22.91	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.20		19.0	0.0
10	PI/2 BPSK	1	26		18.11			
10	PI/2 BPSK	1	50		18.08			
10	PI/2 BPSK	25	0		18.18		19.0	0.0
10	PI/2 BPSK	25	14		18.09		19.0	0.0
10	PI/2 BPSK	25	27		18.15		19.0	0.0
10	PI/2 BPSK	50	0		18.10			
10	QPSK	1	1		18.26		19.0	0.0
10	QPSK	1	26		18.15			
10	QPSK	1	50		18.01			
10	QPSK	25	0		17.99		19.0	0.0
10	QPSK	25	14		18.05		19.0	0.0
10	QPSK	25	27		18.00		19.0	0.0
10	QPSK	50	0		17.93			
10	16QAM	1	1		17.89		19.0	0.0
10	64QAM	1	1		17.97		19.0	0.0
10	256QAM	1	1		17.84		19.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.04	18.18	18.11	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		16.70		18.0	0.0
10	PI/2 BPSK	1	26		16.69			
10	PI/2 BPSK	1	50		16.72			
10	PI/2 BPSK	25	0		16.86		18.0	0.0
10	PI/2 BPSK	25	14		16.69		18.0	0.0
10	PI/2 BPSK	25	27		16.77		18.0	0.0
10	PI/2 BPSK	50	0		16.84			
10	QPSK	1	1		16.99		18.0	0.0
10	QPSK	1	26		16.72			
10	QPSK	1	50		16.84			
10	QPSK	25	0		16.65		18.0	0.0
10	QPSK	25			16.69		18.0	0.0
10	QPSK	25	27		16.66		18.0	0.0
10	QPSK	50	0		16.74			
10	16QAM	1	1		16.63		18.0	0.0
10	64QAM	1	1		16.63		18.0	0.0
10	256QAM	1	1		16.58		18.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	16.74	16.84	16.81	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1720	1745	1765		
40	PI/2 BPSK	1	1	21.06	21.34	21.04	22.0	0.0
40	PI/2 BPSK	1	108	21.15	21.30	21.13		
40	PI/2 BPSK	1	214	21.04	21.32	21.04		
40	PI/2 BPSK	108	0	21.09	21.32	21.00	22.0	0.0
40	PI/2 BPSK	108	54	21.11	21.22	21.10	22.0	0.0
40	PI/2 BPSK	108	108	21.07	21.31	20.99	22.0	0.0
40	PI/2 BPSK	216	0	21.03	21.31	21.13		
40	QPSK	1	1	21.21	21.53	21.17	22.0	0.0
40	QPSK	1	108	21.10	21.25	21.01		
40	QPSK	1	214	21.08	21.27	21.10		
40	QPSK	108	0	21.07	21.23	21.00	22.0	0.0
40	QPSK	108	54	21.19	21.45	21.08	22.0	0.0
40	QPSK	108	108	21.20	21.19	21.13	22.0	0.0
40	QPSK	216	0	21.14	21.33	21.09		
40	16QAM	1	1	21.20	21.22	21.07	22.0	0.0
40	64QAM	1	1	21.16	21.25	21.13	21.5	0.5
40	256QAM	1	1	19.03	19.22	18.92	19.5	2.5
Channel				348000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.08	21.29	21.13	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.08	21.29	21.06	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.06	21.26	21.15	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.16	21.34	20.99	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.08	21.23	21.03	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349000	349000	352000		
Frequency (MHz)				1720	1745	1765		
40	PI/2 BPSK	1	1	19.97	20.05	20.02	21.0	0.0
40	PI/2 BPSK	1	108	19.96	19.97	19.98		
40	PI/2 BPSK	1	214	19.93	19.93	19.92		
40	PI/2 BPSK	108	0	19.90	20.03	19.92	21.0	0.0
40	PI/2 BPSK	108	54	20.01	20.13	19.95	21.0	0.0
40	PI/2 BPSK	108	108	19.89	20.01	19.92	21.0	0.0
40	PI/2 BPSK	216	0	19.99	20.11	20.00		
40	QPSK	1	1	20.02	20.19	20.02	21.0	0.0
40	QPSK	1	108	19.94	20.05	20.04		
40	QPSK	1	214	19.86	20.00	19.93		
40	QPSK	108	0	19.62	19.90	19.65	21.0	0.0
40	QPSK	108	54	19.79	19.91	19.63	21.0	0.0
40	QPSK	108	108	19.65	19.82	19.66	21.0	0.0
40	QPSK	216	0	19.71	19.76	19.70		
40	16QAM	1	1	19.72	19.77	19.78	21.0	0.0
40	64QAM	1	1	19.65	19.88	19.66	21.0	0.0
40	256QAM	1	1	18.24	18.30	18.22	19.5	1.5
Channel				348500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.90	20.04	19.92	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.91	19.95	19.95	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.94	20.00	19.96	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.85	19.98	19.97	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.94	19.99	19.94	21.0	0.0

n70_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		20.95		21.5	0.0
15	PI/2 BPSK	1	49		20.99			
15	PI/2 BPSK	1	77		20.88			
15	PI/2 BPSK	36	0		20.96		21.5	0.0
15	PI/2 BPSK	36	22		20.89		21.5	0.0
15	PI/2 BPSK	36	43		20.96		21.5	0.0
15	PI/2 BPSK	75	0		20.95			
15	QPSK	1	1		21.06		21.5	0.0
15	QPSK	1	49		20.95			
15	QPSK	1	77		20.95			
15	QPSK	36	0		20.95		21.5	0.0
15	QPSK	36	22		20.99		21.5	0.0
15	QPSK	36	43		20.98		21.5	0.0
15	QPSK	75	0		20.99			
15	16QAM	1	1		21.03		21.5	0.0
15	64QAM	1	1		21.01		21.5	0.0
15	256QAM	1	1		18.75		19.5	2.0
Channel				340500	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	20.96	20.92	20.91	24.0	0.0
Channel				339750	340250	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	21.03	20.88	20.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		21.10		22.0	0.0
15	PI/2 BPSK	1	49		21.10			
15	PI/2 BPSK	1	77		21.14			
15	PI/2 BPSK	36	0		21.05		22.0	0.0
15	PI/2 BPSK	36	22		21.09		22.0	0.0
15	PI/2 BPSK	36	43		21.19		22.0	0.0
15	PI/2 BPSK	75	0		21.10			
15	QPSK	1	1		21.20		22.0	0.0
15	QPSK	1	49		21.17			
15	QPSK	1	77		21.17			
15	QPSK	36	0		20.98		22.0	0.0
15	QPSK	36	22		21.17		22.0	0.0
15	QPSK	36	43		21.11		22.0	0.0
15	QPSK	75	0		21.08			
15	16QAM	1	1		21.07		22.0	0.0
15	64QAM	1	1		20.53		21.5	0.5
15	256QAM	1	1		18.54		19.5	2.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
5	QPSK	1	1	21.05	21.14	21.11	24.0	0.0
Channel				339750	340250	341250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	21.03	20.97	20.96	24.0	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.14	23.09	23.00	24.0	0.0
20	PI/2 BPSK	1	53	22.87	22.98	22.88		
20	PI/2 BPSK	1	104	22.87	22.98	22.93		
20	PI/2 BPSK	50	0	22.56	22.60	22.53	23.5	0.5
20	PI/2 BPSK	50	28	22.93	22.96	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.35	22.41	22.38	23.5	0.5
20	PI/2 BPSK	100	0	22.38	22.49	22.48		
20	QPSK	1	1	23.18	23.25	23.14	24.0	0.0
20	QPSK	1	53	22.87	22.89	22.80		
20	QPSK	1	104	22.82	22.92	22.89		
20	QPSK	50	0	21.93	22.04	21.95	23.0	1.0
20	QPSK	50	28	22.95	22.99	22.93	24.0	0.0
20	QPSK	50	56	21.89	21.90	21.82	23.0	1.0
20	QPSK	100	0	21.87	21.97	21.96		
20	16QAM	1	1	21.95	22.07	21.96	23.0	1.0
20	64QAM	1	1	20.62	20.67	20.65	21.5	2.5
20	256QAM	1	1	18.77	18.86	18.84	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.91	23.03	22.99	24.0	0.0
Channel				133650	136100	138550	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.10	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.08	23.15	23.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.11	23.09	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.81	22.90	22.81		
20	PI/2 BPSK	1	104	22.73	22.81	22.73		
20	PI/2 BPSK	50	0	22.51	22.48	22.45	23.5	0.5
20	PI/2 BPSK	50	28	22.90	22.94	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.55	22.61	22.44	23.5	0.5
20	PI/2 BPSK	100	0	22.58	22.47	22.45		
20	QPSK	1	1	23.00	23.12	22.98	24.0	0.0
20	QPSK	1	53	22.87	22.96	22.87		
20	QPSK	1	104	22.83	22.85	22.73		
20	QPSK	50	0	22.08	22.11	22.09	23.0	1.0
20	QPSK	50	28	22.87	22.95	22.91	24.0	0.0
20	QPSK	50	56	21.95	22.03	22.02	23.0	1.0
20	QPSK	100	0	22.10	22.20	22.14		
20	16QAM	1	1	22.00	22.02	22.05	23.0	1.0
20	64QAM	1	1	20.54	20.48	20.50	21.5	2.5
20	256QAM	1	1	18.68	18.83	18.65	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.85	22.95	22.89	24.0	0.0
Channel				133650	136100	138550	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.02	23.11	23.00	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.99	23.06	23.03	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2549.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.36	17.31	17.24	19.0	0.0
100	PI/2 BPSK	1	137	17.09	17.61	17.18		
100	PI/2 BPSK	1	271	17.24	17.37	17.30		
100	PI/2 BPSK	135	0	17.10	17.18	17.04	19.0	0.0
100	PI/2 BPSK	135	69	17.25	17.24	17.07	19.0	0.0
100	PI/2 BPSK	135	138	16.91	17.14	17.14	19.0	0.0
100	PI/2 BPSK	270	0	17.07	17.17	17.06		
100	QPSK	1	1	17.54	17.60	17.43	19.0	0.0
100	QPSK	1	137	17.56	17.70	17.46		
100	QPSK	1	271	17.40	17.43	17.28		
100	QPSK	135	0	17.37	17.56	17.48	19.0	0.0
100	QPSK	135	69	17.48	17.65	17.64		
100	QPSK	135	138	17.41	17.42	17.32		
100	QPSK	270	0	17.47	17.56	17.47	19.0	0.0
100	16QAM	1	1	17.18	17.20	17.25	19.0	0.0
100	64QAM	1	1	17.53	17.57	17.43	19.0	0.0
100	256QAM	1	1	17.40	17.45	17.41	19.0	0.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.54	17.59	17.38	19.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535.02	2592.99	2649.99		
80	QPSK	1	1	17.48	17.57	17.39	19.0	0.0
Channel				508200	518598	529000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.54	17.52	17.37	19.0	0.0
Channel				509204	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.51	17.68	17.29	19.0	0.0
Channel				510202	518598	526993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.43	17.59	17.32	19.0	0.0
Channel				512200	518598	524995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.48	17.60	17.37	19.0	0.0
Channel				513204	518598	523992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.53	17.52	17.42	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2549.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.65	20.66	20.65	22.0	0.0
100	PI/2 BPSK	1	137	20.54	20.63	20.57		
100	PI/2 BPSK	1	271	20.64	20.72	20.61		
100	PI/2 BPSK	135	0	20.41	20.75	20.56	22.0	0.0
100	PI/2 BPSK	135	69	20.66	20.58	20.52	22.0	0.0
100	PI/2 BPSK	135	138	20.59	20.70	20.67	22.0	0.0
100	PI/2 BPSK	270	0	20.46	20.46	20.30		
100	QPSK	1	1	20.58	20.44	20.30	22.0	0.0
100	QPSK	1	137	20.69	20.90	20.66		
100	QPSK	1	271	20.49	20.63	20.57		
100	QPSK	135	0	20.58	20.61	20.64	22.0	0.0
100	QPSK	135	69	20.64	20.84	20.66		
100	QPSK	135	138	20.55	20.81	20.49		
100	QPSK	270	0	20.71	20.76	20.68	22.0	0.0
100	16QAM	1	1	20.56	20.83	20.75	22.0	0.0
100	64QAM	1	1	20.53	20.83	20.75	22.0	0.0
100	256QAM	1	1	19.72	19.79	19.67	22.0	0.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.67	20.77	20.54	22.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2535.02	2592.99	2649.99		
80	QPSK	1	1	20.52	20.79	20.58	22.0	0.0
Channel				508200	518598	529000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.64	20.86	20.52	22.0	0.0
Channel				509204	518598	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.61	20.81	20.55	22.0	0.0
Channel				510202	518598	526993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.62	20.82	20.54	22.0	0.0
Channel				512200	518598	524995	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.53	20.84	20.65	22.0	0.0
Channel				513204	518598	523992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.56	20.86	20.55	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.91	20.05	20.00	21.5	0.0
100	PI/2 BPSK	1	137	19.81	19.98	20.02		
100	PI/2 BPSK	1	271	19.89	20.10	19.97		
100	PI/2 BPSK	135	0	19.76	19.87	19.93	21.5	0.0
100	PI/2 BPSK	135	69	19.75	19.89	19.87	21.5	0.0
100	PI/2 BPSK	135	138	19.77	19.93	19.82	21.5	0.0
100	PI/2 BPSK	270	0	19.70	19.90	20.01		
100	QPSK	1	1	19.94	20.02	19.88	21.5	0.0
100	QPSK	1	137	19.94	20.19	20.05		
100	QPSK	1	271	19.85	19.91	19.92		
100	QPSK	135	0	19.66	19.95	19.80	21.5	0.0
100	QPSK	135	69	19.86	20.01	19.96		
100	QPSK	135	138	19.75	19.84	19.92		
100	QPSK	270	0	19.71	19.93	19.89	21.5	0.0
100	16QAM	1	1	19.80	19.83	19.95	21.5	0.0
100	64QAM	1	1	18.83	19.08	18.92	20.5	1.0
100	256QAM	1	1	16.88	17.09	16.96	18.5	3.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.82	20.06	19.90	21.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.81	20.11	20.02	21.5	0.0
Channel				505203	518598	531993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.85	20.00	19.93	21.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.85	20.09	20.01	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.91	20.06	20.03	21.5	0.0
Channel				502201	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.78	20.08	19.90	21.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.91	20.02	19.90	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.03	23.15	23.02	24.5	0.0
100	PI/2 BPSK	1	137	23.11	23.24	23.08		
100	PI/2 BPSK	1	271	23.04	23.17	23.09		
100	PI/2 BPSK	135	0	23.10	23.14	23.14	24.5	0.0
100	PI/2 BPSK	135	69	22.99	23.06	22.87	24.5	0.0
100	PI/2 BPSK	135	138	23.01	22.97	22.98	24.5	0.0
100	PI/2 BPSK	270	0	23.00	23.07	22.97		
100	QPSK	1	1	22.88	23.07	22.95	24.5	0.0
100	QPSK	1	137	23.18	23.30	23.17		
100	QPSK	1	271	22.86	22.98	22.92		
100	QPSK	135	0	23.07	23.06	22.96	24.5	0.0
100	QPSK	135	69	23.02	23.16	22.92		
100	QPSK	135	138	22.85	23.14	22.91		
100	QPSK	270	0	23.06	23.12	23.00	24.5	0.0
100	16QAM	1	1	23.03	23.04	23.03	24.5	0.0
100	64QAM	1	1	22.05	22.27	22.08	23.5	1.0
100	256QAM	1	1	20.05	20.16	20.12	21.5	3.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.15	23.24	23.14	24.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.01	23.23	23.14	24.5	0.0
Channel				505203	518598	531993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.08	23.19	23.07	24.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.08	23.29	23.11	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.02	23.12	23.10	24.5	0.0
Channel				502201	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.00	23.29	23.16	24.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.16	23.27	23.04	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.78	16.85	17.38	18.5	0.0
100	PI/2 BPSK	1	137	17.23	17.25	18.01		
100	PI/2 BPSK	1	271	17.40	17.61	17.95		
100	PI/2 BPSK	135	0	17.00	17.06	17.77	18.0	0.5
100	PI/2 BPSK	135	69	17.11	17.22	17.82	18.5	0.0
100	PI/2 BPSK	135	138	17.36	17.41	17.98	18.0	0.5
100	PI/2 BPSK	270	0	16.58	16.70	17.14		
100	QPSK	1	1	16.89	17.27	17.88	18.5	0.0
100	QPSK	1	137	17.52	17.63	18.05		
100	QPSK	1	271	16.53	16.87	17.35		
100	QPSK	135	0	17.00	17.08	17.56	18.5	0.0
100	QPSK	135	69	17.21	17.43	17.94		
100	QPSK	135	138	17.04	17.24	17.78		
100	QPSK	270	0	16.33	16.70	16.95	17.5	1.0
100	16QAM	1	1	16.51	16.72	16.98	17.5	1.0
100	64QAM	1	1	14.20	14.21	14.66	16.0	2.5
100	256QAM	1	1	12.37	12.44	12.98	14.0	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.87	17.28	17.73	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	16.66	17.35	17.44	18.5	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2592.99	2659.98		
60	QPSK	1	1	16.65	17.22	17.52	18.5	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	16.82	17.18	17.76	18.5	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	16.77	17.21	17.68	18.5	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.74	17.33	17.70	18.5	0.0
Channel				514204	518598	539992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.78	17.24	17.74	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.56	19.92	20.21	21.5	0.0
100	PI/2 BPSK	1	137	19.88	20.38	20.55		
100	PI/2 BPSK	1	271	20.01	20.65	20.76		
100	PI/2 BPSK	135	0	18.78	19.21	19.43	21.0	0.5
100	PI/2 BPSK	135	69	19.95	20.36	20.71	21.5	0.0
100	PI/2 BPSK	135	138	19.03	19.54	20.08	21.0	0.5
100	PI/2 BPSK	270	0	19.11	19.38	19.99		
100	QPSK	1	1	19.24	19.97	20.38	21.5	0.0
100	QPSK	1	137	20.36	20.79	20.94		
100	QPSK	1	271	20.02	20.43	20.59		
100	QPSK	135	0	18.78	19.26	19.51	21.5	0.0
100	QPSK	135	69	20.00	20.41	20.76		
100	QPSK	135	138	19.37	19.59	20.19		
100	QPSK	270	0	19.15	19.43	20.01	20.5	1.0
100	16QAM	1	1	18.63	19.00	19.53	20.5	1.0
100	64QAM	1	1	17.21	17.47	18.01	19.0	2.5
100	256QAM	1	1	15.14	15.47	15.92	17.0	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.93	20.01	20.12	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	19.56	19.88	20.08	21.5	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2592.99	2659.98		
60	QPSK	1	1	19.77	19.98	20.12	21.5	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	19.82	19.97	20.05	21.5	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	19.80	20.11	20.04	21.5	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.64	20.06	19.98	21.5	0.0
Channel				514204	518598	539992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.71	19.95	19.95	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.85	20.88	20.78	22.0	0.0
100	PI/2 BPSK	1	137	20.82	20.97	20.85		
100	PI/2 BPSK	1	271	20.97	21.01	21.05		
100	PI/2 BPSK	135	0	20.83	20.94	20.76	21.5	0.5
100	PI/2 BPSK	135	69	20.76	20.82	20.78	22.0	0.0
100	PI/2 BPSK	135	138	20.84	20.88	20.80	21.5	0.5
100	PI/2 BPSK	270	0	20.70	20.78	20.65		
100	QPSK	1	1	20.78	20.83	20.69	22.0	0.0
100	QPSK	1	137	21.05	21.09	20.93		
100	QPSK	1	271	21.00	21.01	20.86		
100	QPSK	135	0	20.81	20.82	20.73	22.0	0.0
100	QPSK	135	69	20.83	20.88	20.80		
100	QPSK	135	138	20.77	20.87	20.74		
100	QPSK	270	0	19.68	19.71	19.64	21.0	1.0
100	16QAM	1	1	19.83	19.99	19.88	21.0	1.0
100	64QAM	1	1	18.13	18.49	18.46	19.5	2.5
100	256QAM	1	1	16.10	16.25	16.12	17.5	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	20.94	20.89	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2556.02	2592.99	2649.99		
80	QPSK	1	1	20.84	20.91	20.95	22.0	0.0
Channel				508200	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2566	2592.99	2655.98		
60	QPSK	1	1	20.88	20.89	20.94	22.0	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	20.82	20.90	20.92	22.0	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	20.87	20.90	20.97	22.0	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.89	20.90	20.91	22.0	0.0
Channel				514204	518598	539998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.86	20.93	20.92	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.09	24.20	24.10	25.0	0.0
100	PI/2 BPSK	1	137	24.20	24.20	24.11		
100	PI/2 BPSK	1	271	24.24	24.16	24.04		
100	PI/2 BPSK	135	0	23.72	23.73	23.92	24.5	0.5
100	PI/2 BPSK	135	69	24.10	24.22	23.40	25.0	0.0
100	PI/2 BPSK	135	138	23.45	23.68	23.67	24.5	0.5
100	PI/2 BPSK	270	0	23.74	23.73	22.93		
100	QPSK	1	1	23.93	24.18	24.08	25.0	0.0
100	QPSK	1	137	24.07	24.25	24.05		
100	QPSK	1	271	24.16	23.98	23.95		
100	QPSK	135	0	23.77	23.83	23.73	25.0	0.0
100	QPSK	135	69	23.98	24.23	23.63		
100	QPSK	135	138	23.74	23.77	23.75		
100	QPSK	270	0	23.29	23.35	23.34	24.0	1.0
100	16QAM	1	1	23.14	23.20	23.21	24.0	1.0
100	64QAM	1	1	21.66	21.72	21.73	22.5	2.5
100	256QAM	1	1	19.68	19.87	19.96	20.5	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.96	24.09	24.17	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2556.02	2592.99	2649.99		
80	QPSK	1	1	24.06	24.05	24.25	25.0	0.0
Channel				508200	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2566	2592.99	2655.98		
60	QPSK	1	1	24.01	24.11	24.16	25.0	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	23.94	24.09	24.19	25.0	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	24.00	24.19	24.17	25.0	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.00	24.15	24.22	25.0	0.0
Channel				514204	518598	539998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.96	23.97	24.21	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	643332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.52	20.69	20.57	21.5	0.0
40	PI/2 BPSK	1	53	20.51	20.65	20.64		
40	PI/2 BPSK	1	104	20.62	20.66	20.70		
40	PI/2 BPSK	50	0	20.36	20.59	20.41	21.5	0.0
40	PI/2 BPSK	50	28	20.43	20.51	20.49	21.5	0.0
40	PI/2 BPSK	50	56	20.36	20.60	20.51	21.5	0.0
40	PI/2 BPSK	100	0	20.55	20.62	20.52		
40	QPSK	1	1	20.63	20.79	20.71	21.5	0.0
40	QPSK	1	53	20.39	20.59	20.56		
40	QPSK	1	104	20.37	20.52	20.59		
40	QPSK	50	0	20.47	20.53	20.61	21.5	0.0
40	QPSK	50	28	20.54	20.62	20.53		
40	QPSK	50	56	20.51	20.51	20.42		
40	QPSK	100	0	20.46	20.65	20.63	21.5	0.0
40	16QAM	1	1	20.45	20.62	20.58	21.5	0.0
40	64QAM	1	1	20.41	20.58	20.57	21.5	0.0
40	256QAM	1	1	18.34	18.46	18.44	19.5	2.0
Channel				637334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3573.01	3624.99	3691		
20	QPSK	1	1	20.51	20.63	20.70	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.52	20.66	20.61	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	19.44	19.40	19.07	20.0	0.0
100	PI/2-BPSK	1	137	19.41	19.33	19.39		
100	PI/2-BPSK	1	271	19.19	19.15	19.20		
100	PI/2-BPSK	135	0	19.25	19.34	19.15	20.0	0.0
100	PI/2-BPSK	135	69	19.28	19.22	19.19	20.0	
100	PI/2-BPSK	135	138	19.24	19.03	19.10	20.0	0.0
100	PI/2-BPSK	270	0	19.22	19.01	18.55		
100	QPSK	1	1	19.34	19.53	19.36	20.0	0.0
100	QPSK	1	137	19.30	19.40	19.11		
100	QPSK	1	271	19.03	19.41	19.13		
100	QPSK	135	0	19.11	19.08	19.08	20.0	0.0
100	QPSK	135	69	19.23	19.42	19.21		
100	QPSK	135	138	19.24	19.21	19.13		
100	QPSK	270	0	19.25	19.38	19.15	20.0	0.0
100	16QAM	1	1	19.23	19.15	19.01	20.0	0.0
100	64QAM	1	1	19.05	18.25	18.12	20.0	0.0
100	256QAM	1	1	18.54	18.64	18.52	19.5	0.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	19.22	19.43	19.20	20.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	19.33	19.42	19.19	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	19.17	19.46	19.29	20.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	19.17	19.39	19.29	20.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	19.28	19.46	19.35	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	19.23	19.49	19.27	20.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	19.21	19.52	19.23	20.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	19.32	19.43	19.20	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	21.86	21.60	21.04	23.0	0.0
100	PI/2-BPSK	1	137	21.86	21.81	21.62		
100	PI/2-BPSK	1	271	21.82	21.74	21.73		
100	PI/2-BPSK	135	0	21.81	21.68	21.52	23.0	0.0
100	PI/2-BPSK	135	69	21.88	21.72	21.50	23.0	0.0
100	PI/2-BPSK	135	138	21.80	22.10	21.58	23.0	0.0
100	PI/2-BPSK	270	0	21.75	21.87	21.64		
100	QPSK	1	1	21.81	22.14	21.78	23.0	0.0
100	QPSK	1	137	21.58	21.71	21.53		
100	QPSK	1	271	21.70	21.73	21.65		
100	QPSK	135	0	21.46	21.58	21.60	23.0	0.0
100	QPSK	135	69	21.76	21.93	21.51		
100	QPSK	135	138	21.56	21.85	21.68		
100	QPSK	270	0	21.43	21.79	21.71	23.0	0.0
100	16QAM	1	1	21.70	21.70	21.37	23.0	0.0
100	64QAM	1	1	21.75	21.60	21.52	23.0	0.0
100	256QAM	1	1	21.00	21.28	21.47	22.5	0.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	21.80	22.05	21.67	23.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	21.77	21.96	21.60	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	21.65	22.01	21.63	23.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	21.73	22.06	21.68	23.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	21.76	22.03	21.69	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	21.76	22.08	21.63	23.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	21.78	22.09	21.76	23.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	21.68	22.05	21.74	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.24		20.0	0.0
100	PI/2 BPSK	1	137		19.12			
100	PI/2 BPSK	1	271		19.13			
100	PI/2 BPSK	135	0		19.28		20.0	0.0
100	PI/2 BPSK	135	69		19.09		20.0	0.0
100	PI/2 BPSK	135	138		18.95		20.0	0.0
100	PI/2 BPSK	270	0		18.49			
100	QPSK	1	1		19.53		20.0	0.0
100	QPSK	1	137		19.25			
100	QPSK	1	271		19.31			
100	QPSK	135	0		19.03		20.0	0.0
100	QPSK	135	69		19.27			
100	QPSK	135	138		19.19			
100	QPSK	270	0		19.20		20.0	0.0
100	16QAM	1	1		19.04		20.0	0.0
100	64QAM	1	1		19.19		20.0	0.0
100	256QAM	1	1		18.50		19.5	0.5
Channel				632000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3504.99		
90	QPSK	1	1	19.44	19.49	19.40	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3510		
80	QPSK	1	1	19.39	19.44	19.40	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3489.01	3499.98	3514.98		
70	QPSK	1	1	19.36	19.42	19.49	20.0	0.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3483	3499.98	3515.99		
60	QPSK	1	1	19.42	19.37	19.43	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.39	19.41	19.38	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.01	3499.98	3525.98		
40	QPSK	1	1	19.47	19.48	19.46	20.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3534.99		
30	QPSK	1	1	19.49	19.42	19.37	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549		
20	QPSK	1	1	19.36	19.36	19.47	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.68		23.0	0.0
100	PI/2 BPSK	1	137		21.60			
100	PI/2 BPSK	1	271		21.67			
100	PI/2 BPSK	135	0		21.52		23.0	0.0
100	PI/2 BPSK	135	69		21.69		23.0	0.0
100	PI/2 BPSK	135	138		22.09		23.0	0.0
100	PI/2 BPSK	270	0		21.86			
100	QPSK	1	1		22.12		23.0	0.0
100	QPSK	1	137		21.79			
100	QPSK	1	271		21.75			
100	QPSK	135	0		21.55		23.0	0.0
100	QPSK	135	69		21.92			
100	QPSK	135	138		21.70			
100	QPSK	270	0		21.77		23.0	0.0
100	16QAM	1	1		21.52		23.0	0.0
100	64QAM	1	1		21.89		23.0	0.0
100	256QAM	1	1		21.11		22.5	0.5
Channel				632000	633332	632668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.98		
90	QPSK	1	1	22.02	22.05	22.01	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492.02	3499.98	3510		
80	QPSK	1	1	21.94	21.95	21.98	23.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3489.01	3499.98	3514.98		
70	QPSK	1	1	21.96	22.11	22.08	23.0	0.0
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3483	3499.98	3515.99		
60	QPSK	1	1	21.69	21.68	21.54	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.97	22.05	21.94	23.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3467.01	3499.98	3525.98		
40	QPSK	1	1	21.98	22.11	22.08	23.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3534.99		
30	QPSK	1	1	22.08	21.97	22.02	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549		
20	QPSK	1	1	22.12	22.07	22.08	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.36	17.47	17.36	18.5	0.0
100	PI/2 BPSK	1	137	17.53	17.67	17.45		
100	PI/2 BPSK	1	271	17.40	17.43	17.42		
100	PI/2 BPSK	135	0	17.30	17.29	17.19	18.5	0.0
100	PI/2 BPSK	135	69	17.45	17.47	17.38	18.5	0.0
100	PI/2 BPSK	135	138	17.48	17.46	17.23	18.5	0.0
100	PI/2 BPSK	270	0	17.32	17.25	17.20		
100	QPSK	1	1	17.52	17.69	17.44	18.5	0.0
100	QPSK	1	137	17.28	17.39	17.22		
100	QPSK	1	271	17.49	17.48	17.26		
100	QPSK	135	0	17.29	17.38	17.29	18.5	0.0
100	QPSK	135	69	17.32	17.55	17.20		
100	QPSK	135	138	17.35	17.54	17.30		
100	QPSK	270	0	17.39	17.58	17.35	18.5	0.0
100	16QAM	1	1	17.35	17.38	17.14	18.5	0.0
100	64QAM	1	1	17.47	17.35	17.35	18.5	0.0
100	256QAM	1	1	17.33	17.41	17.30	18.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3840	3930.02		
90	QPSK	1	1	17.37	17.42	17.37	18.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
80	QPSK	1	1	17.48	17.56	17.41	18.5	0.0
Channel				649003	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	17.44	17.64	17.42	18.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	17.44	17.64	17.33	18.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.02	3840	3937.98		
50	QPSK	1	1	17.34	17.54	17.35	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	17.43	17.67	17.37	18.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.02	3840.00	3940.98		
30	QPSK	1	1	17.40	17.64	17.36	18.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840	3941.98		
20	QPSK	1	1	17.49	17.51	17.40	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.79	20.65	20.63	21.5	0.0
100	PI/2 BPSK	1	137	20.76	20.74	20.55		
100	PI/2 BPSK	1	271	20.68	20.61	20.66		
100	PI/2 BPSK	135	0	20.63	20.62	20.48	21.5	0.0
100	PI/2 BPSK	135	69	20.58	20.71	20.60	21.5	0.0
100	PI/2 BPSK	135	138	20.65	20.59	20.52	21.5	0.0
100	PI/2 BPSK	270	0	20.79	20.66	20.62		
100	QPSK	1	1	20.81	20.92	20.79	21.5	0.0
100	QPSK	1	137	20.65	20.76	20.54		
100	QPSK	1	271	20.81	20.75	20.54		
100	QPSK	135	0	20.61	20.65	20.48	21.5	0.0
100	QPSK	135	69	20.65	20.77	20.57		
100	QPSK	135	138	20.65	20.72	20.48		
100	QPSK	270	0	20.68	20.81	20.58	21.5	0.0
100	16QAM	1	1	20.69	20.92	20.53	21.5	0.0
100	64QAM	1	1	20.73	20.77	20.37	21.5	0.0
100	256QAM	1	1	20.70	20.58	20.56	21.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.98	3840	3930.02		
90	QPSK	1	1	20.73	20.80	20.76	21.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
80	QPSK	1	1	20.69	20.74	20.73	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	20.70	20.80	20.67	21.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	20.73	20.65	20.75	21.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.02	3840	3937.98		
50	QPSK	1	1	20.63	20.91	20.74	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	20.79	20.77	20.70	21.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3739.02	3840.00	3940.98		
30	QPSK	1	1	20.78	20.68	20.60	21.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840	3941.98		
20	QPSK	1	1	20.77	20.80	20.60	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		17.27		18.5	0.0
100	PI/2-BPSK	1	137		17.23			
100	PI/2-BPSK	1	271		17.26			
100	PI/2-BPSK	135	0		17.20		18.5	0.0
100	PI/2-BPSK	135	69		17.39		18.5	0.0
100	PI/2-BPSK	135	138		17.39		18.5	0.0
100	PI/2-BPSK	270	0		17.13			
100	QPSK	1	1		17.59		18.5	0.0
100	QPSK	1	137		17.21			
100	QPSK	1	271		17.49			
100	QPSK	135	0		17.23		18.5	0.0
100	QPSK	135	69		17.55			
100	QPSK	135	138		17.45			
100	QPSK	270	0		17.39		18.5	0.0
100	16QAM	1	1		17.20		18.5	0.0
100	64QAM	1	1		17.27		18.5	0.0
100	256QAM	1	1		17.30		18.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.96		
90	QPSK	1	1	17.40	17.42	17.51	18.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496.02	3499.98	3503		
80	QPSK	1	1	17.41	17.53	17.44	18.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.01	3499.98	3504.98		
70	QPSK	1	1	17.41	17.54	17.47	18.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.96		
60	QPSK	1	1	17.44	17.49	17.53	18.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.02	3499.98	3515		
50	QPSK	1	1	17.41	17.43	17.53	18.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.01	3499.98	3520.98		
40	QPSK	1	1	17.47	17.47	17.49	18.5	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475	3499.98	3524.96		
30	QPSK	1	1	17.55	17.49	17.49	18.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.02	3499.98	3540		
20	QPSK	1	1	17.59	17.49	17.57	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		20.69		21.5	0.0
100	PI/2-BPSK	1	137		20.58			
100	PI/2-BPSK	1	271		20.78			
100	PI/2-BPSK	135	0		20.75		21.5	0.0
100	PI/2-BPSK	135	69		20.53		21.5	0.0
100	PI/2-BPSK	135	138		20.44		21.5	0.0
100	PI/2-BPSK	270	0		20.57			
100	QPSK	1	1		20.60		21.5	0.0
100	QPSK	1	137		20.74			
100	QPSK	1	271		20.78			
100	QPSK	135	0		20.45		21.5	0.0
100	QPSK	135	69		20.74			
100	QPSK	135	138		20.64			
100	QPSK	270	0		20.72		21.5	0.0
100	16QAM	1	1		20.79		21.5	0.0
100	64QAM	1	1		20.76		21.5	0.0
100	256QAM	1	1		20.44		21.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.96		
90	QPSK	1	1	20.68	20.64	20.69	21.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496.02	3499.98	3503		
80	QPSK	1	1	20.76	20.76	20.67	21.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.01	3499.98	3504.98		
70	QPSK	1	1	20.69	20.64	20.68	21.5	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3509.96		
60	QPSK	1	1	20.79	20.79	20.77	21.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.02	3499.98	3515		
50	QPSK	1	1	20.79	20.78	20.62	21.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.01	3499.98	3520.98		
40	QPSK	1	1	20.70	20.79	20.77	21.5	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475	3499.98	3524.96		
30	QPSK	1	1	20.71	20.75	20.68	21.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.02	3499.98	3540		
20	QPSK	1	1	20.67	20.64	20.64	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	16.31	16.12	15.86	17.5	0.0
100	PI/2-BPSK	1	137	16.18	16.11	15.76		
100	PI/2-BPSK	1	271	16.21	16.21	15.75		
100	PI/2-BPSK	135	0	16.11	16.13	15.80	17.5	0.0
100	PI/2-BPSK	135	69	16.29	16.33	15.73	17.5	0.0
100	PI/2-BPSK	135	138	16.22	16.08	15.49	17.5	0.0
100	PI/2-BPSK	270	0	16.16	16.04	15.64		
100	QPSK	1	1	16.47	16.27	15.79	17.5	0.0
100	QPSK	1	137	16.12	16.09	15.67		
100	QPSK	1	271	16.16	16.17	15.49		
100	QPSK	135	0	16.21	16.18	15.69	17.5	0.0
100	QPSK	135	69	16.34	16.05	15.58		
100	QPSK	135	138	16.19	16.07	15.60		
100	QPSK	270	0	16.21	16.17	15.49	17.5	0.0
100	16QAM	1	1	16.21	16.25	15.75	17.5	0.0
100	64QAM	1	1	16.05	15.87	15.43	17.5	0.0
100	256QAM	1	1	16.28	16.21	15.63	17.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	16.41	16.17	15.74	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	16.31	16.26	15.66	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	16.34	16.20	15.74	17.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	16.29	16.23	15.72	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	16.45	16.17	15.72	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	16.39	16.12	15.73	17.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	16.34	16.21	15.76	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	16.32	16.13	15.75	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	19.15	19.05	18.89	20.5	0.0
100	PI/2-BPSK	1	137	19.16	19.06	18.66		
100	PI/2-BPSK	1	271	19.22	19.07	18.64		
100	PI/2-BPSK	135	0	19.15	19.03	18.83	20.5	0.0
100	PI/2-BPSK	135	69	19.19	19.00	18.60	20.5	0.0
100	PI/2-BPSK	135	138	19.17	18.88	18.70	20.5	0.0
100	PI/2-BPSK	270	0	19.25	18.97	18.68		
100	QPSK	1	1	19.33	19.20	19.00	20.5	0.0
100	QPSK	1	137	19.20	18.94	18.71		
100	QPSK	1	271	19.15	19.03	18.92		
100	QPSK	135	0	19.22	19.00	18.74	20.5	0.0
100	QPSK	135	69	19.15	18.98	18.64		
100	QPSK	135	138	19.16	18.91	18.75		
100	QPSK	270	0	19.36	18.93	18.77	20.5	0.0
100	16QAM	1	1	19.20	18.92	18.64	20.5	0.0
100	64QAM	1	1	19.19	18.94	18.68	20.5	0.0
100	256QAM	1	1	19.11	18.98	18.77	20.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	19.25	19.06	18.68	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	19.19	19.07	18.80	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	19.17	19.16	18.87	20.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	19.19	19.06	18.88	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	19.29	19.17	18.88	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	19.23	19.02	18.93	20.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	19.32	19.11	18.84	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	19.21	19.06	18.88	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		16.55		17.5	0.0
100	PI/2-BPSK	1	137		16.53			
100	PI/2-BPSK	1	271		16.64			
100	PI/2-BPSK	135	0		16.50		17.5	0.0
100	PI/2-BPSK	135	69		16.53		17.5	0.0
100	PI/2-BPSK	135	138		16.37		17.5	0.0
100	PI/2-BPSK	270	0		16.61			
100	QPSK	1	1		16.72		17.5	0.0
100	QPSK	1	137		16.42			
100	QPSK	1	271		16.44			
100	QPSK	135	0		16.48		17.5	0.0
100	QPSK	135	69		16.57			
100	QPSK	135	138		16.51			
100	QPSK	270	0		16.53		17.5	0.0
100	16QAM	1	1		16.46		17.5	0.0
100	64QAM	1	1		16.27		17.5	0.0
100	256QAM	1	1		16.46		17.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	16.57	16.71	16.49	17.5	0.0
Channel				631668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3484.02	3499.98	3515		
80	QPSK	1	1	16.55	16.70	16.62	17.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.01	3499.98	3514.98		
70	QPSK	1	1	16.71	16.71	16.57	17.5	0.0
Channel				632500	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3514.99		
60	QPSK	1	1	16.49	16.62	16.42	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.62	16.57	16.55	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.62	16.71	16.62	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.57	16.44	16.63	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.69	16.55	16.71	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		19.60		20.5	0.0
100	PI/2-BPSK	1	137		19.56			
100	PI/2-BPSK	1	271		19.63			
100	PI/2-BPSK	135	0		19.69		20.5	0.0
100	PI/2-BPSK	135	69		19.62		20.5	0.0
100	PI/2-BPSK	135	138		19.62		20.5	0.0
100	PI/2-BPSK	270	0		19.68			
100	QPSK	1	1		19.67		20.5	0.0
100	QPSK	1	137		19.63			
100	QPSK	1	271		19.73			
100	QPSK	135	0		19.75		20.5	0.0
100	QPSK	135	69		19.63			
100	QPSK	135	138		19.60			
100	QPSK	270	0		19.66		20.5	0.0
100	16QAM	1	1		19.72		20.5	0.0
100	64QAM	1	1		19.52		20.5	0.0
100	256QAM	1	1		19.77		20.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	19.84	19.67	19.60	20.5	0.0
Channel				631668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3484.02	3499.98	3515		
80	QPSK	1	1	19.87	19.67	19.63	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.01	3499.98	3514.98		
70	QPSK	1	1	19.84	19.90	19.67	20.5	0.0
Channel				632500	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3514.99		
60	QPSK	1	1	19.84	19.62	19.45	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.82	19.69	19.93	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.96	19.68	19.95	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.87	19.83	19.82	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.95	19.81	19.81	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	20.64	20.35	19.65	22.0	0.0
100	PI/2-BPSK	1	137	20.71	20.39	19.65		
100	PI/2-BPSK	1	271	20.67	20.35	19.84		
100	PI/2-BPSK	135	0	20.53	20.20	19.63	22.0	0.0
100	PI/2-BPSK	135	69	20.63	20.28	19.74	22.0	0.0
100	PI/2-BPSK	135	138	20.67	20.28	19.67	22.0	0.0
100	PI/2-BPSK	270	0	20.69	20.22	19.58		
100	QPSK	1	1	20.74	20.63	20.00	22.0	0.0
100	QPSK	1	137	20.69	20.19	19.74		
100	QPSK	1	271	20.63	20.33	19.93		
100	QPSK	135	0	20.47	20.20	19.63	22.0	0.0
100	QPSK	135	69	20.69	20.30	19.75		
100	QPSK	135	138	20.62	20.21	19.64		
100	QPSK	270	0	20.64	20.20	19.74	22.0	0.0
100	16QAM	1	1	20.65	20.50	20.11	22.0	0.0
100	64QAM	1	1	20.55	20.24	19.65	21.0	1.0
100	256QAM	1	1	18.61	18.69	18.10	19.0	3.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	20.47	20.49	19.97	22.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	20.81	20.42	19.89	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	20.68	20.48	19.95	22.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	20.68	20.41	19.93	22.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	20.67	20.39	19.95	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	20.64	20.49	19.98	22.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840.00	3940.98		
30	QPSK	1	1	20.63	20.30	19.97	22.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3943.99		
20	QPSK	1	1	20.68	20.36	19.99	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	23.35	23.27	23.03	25.0	0.0
100	PI/2-BPSK	1	137	23.67	23.33	23.19		
100	PI/2-BPSK	1	271	23.63	23.35	23.08		
100	PI/2-BPSK	135	0	23.34	23.21	23.09	25.0	0.0
100	PI/2-BPSK	135	69	23.45	23.30	23.08	25.0	0.0
100	PI/2-BPSK	135	138	23.57	23.32	23.16	25.0	0.0
100	PI/2-BPSK	270	0	23.57	23.32	23.07		
100	QPSK	1	1	23.69	23.51	23.20	25.0	0.0
100	QPSK	1	137	23.53	23.29	23.05		
100	QPSK	1	271	23.49	23.24	23.13		
100	QPSK	135	0	23.37	23.19	23.02	25.0	0.0
100	QPSK	135	69	23.65	23.22	23.07		
100	QPSK	135	138	23.52	23.28	23.14		
100	QPSK	270	0	23.37	23.20	23.05	25.0	0.0
100	16QAM	1	1	23.52	23.16	23.06	25.0	0.0
100	64QAM	1	1	22.43	22.08	22.01	24.0	1.0
100	256QAM	1	1	20.65	20.56	20.29	22.0	3.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	23.58	23.44	23.01	25.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	23.68	23.38	23.04	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	23.58	23.33	23.03	25.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	23.57	23.38	23.05	25.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	23.64	23.33	23.03	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	23.60	23.48	23.04	25.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840.00	3940.98		
30	QPSK	1	1	23.66	23.48	23.03	25.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3943.99		
20	QPSK	1	1	23.55	23.38	23.02	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2-BPSK	1	1		21.26		22.0	0.0
100	PI/2-BPSK	1	137		21.25			
100	PI/2-BPSK	1	271		21.21			
100	PI/2-BPSK	135	0		21.27		22.0	0.0
100	PI/2-BPSK	135	69		21.19		22.0	0.0
100	PI/2-BPSK	135	138		21.13		22.0	0.0
100	PI/2-BPSK	270	0		21.19			
100	QPSK	1	1		21.39		22.0	0.0
100	QPSK	1	137		21.27			
100	QPSK	1	271		21.22			
100	QPSK	135	0		21.03		22.0	0.0
100	QPSK	135	69		21.24			
100	QPSK	135	138		21.22			
100	QPSK	270	0		21.19		22.0	0.0
100	16QAM	1	1		21.20		22.0	0.0
100	64QAM	1	1		20.08		21.0	1.0
100	256QAM	1	1		18.83		19.0	3.0
Channel				632000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3484.98		
90	QPSK	1	1	21.24	21.23	21.22	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3466.98	3533		
80	QPSK	1	1	21.26	21.23	21.25	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3474.98		
70	QPSK	1	1	21.19	21.23	21.23	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3518.98		
60	QPSK	1	1	21.24	21.25	21.22	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3466.98	3500		
50	QPSK	1	1	21.18	21.27	21.28	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3525.98		
40	QPSK	1	1	21.30	21.35	21.26	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3518.98		
30	QPSK	1	1	21.34	21.32	21.31	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3466.98	3540		
20	QPSK	1	1	21.30	21.35	21.21	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2-BPSK	1	1		24.17		25.0	0.0
100	PI/2-BPSK	1	137		24.14			
100	PI/2-BPSK	1	271		24.28			
100	PI/2-BPSK	135	0		24.01		25.0	0.0
100	PI/2-BPSK	135	69		24.07		25.0	0.0
100	PI/2-BPSK	135	138		23.66		25.0	0.0
100	PI/2-BPSK	270	0		24.27			
100	QPSK	1	1		24.30		25.0	0.0
100	QPSK	1	137		24.01			
100	QPSK	1	271		23.98			
100	QPSK	135	0		24.12		25.0	0.0
100	QPSK	135	69		24.13			
100	QPSK	135	138		24.10			
100	QPSK	270	0		24.19		25.0	0.0
100	16QAM	1	1		24.21		25.0	0.0
100	64QAM	1	1		22.62		24.0	1.0
100	256QAM	1	1		21.28		22.0	3.0
Channel				632000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3484.98		
90	QPSK	1	1	24.21	24.13	24.19	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3466.98	3533		
80	QPSK	1	1	24.22	24.25	24.15	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3474.98		
70	QPSK	1	1	24.12	24.26	24.15	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3518.98		
60	QPSK	1	1	24.12	24.25	24.28	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3466.98	3500		
50	QPSK	1	1	24.19	24.13	24.14	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3525.98		
40	QPSK	1	1	24.20	24.27	24.13	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3518.98		
30	QPSK	1	1	24.28	24.27	24.29	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3466.98	3540		
20	QPSK	1	1	24.13	24.16	24.28	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3700			
100	PI/2-BPSK	1	1		19.33		20.0	0.0
100	PI/2-BPSK	1	137		19.41			
100	PI/2-BPSK	1	271		19.40			
100	PI/2-BPSK	135	0		19.29		20.0	0.0
100	PI/2-BPSK	135	69		19.23		20.0	0.0
100	PI/2-BPSK	135	138		19.30		20.0	0.0
100	PI/2-BPSK	270	0		19.24			
100	QPSK	1	1		19.49		20.0	0.0
100	QPSK	1	137		19.23			
100	QPSK	1	271		19.42			
100	QPSK	135	0		19.22		20.0	0.0
100	QPSK	135	69		19.34			
100	QPSK	135	138		19.30			
100	QPSK	270	0		19.32		20.0	0.0
100	16QAM	1	1		19.30		20.0	0.0
100	64QAM	1	1		19.25		20.0	0.0
100	256QAM	1	1		18.74		19.5	0.5
Channel				649666	650332	650999	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3750	3750.99		
90	QPSK	1	1	19.36	19.44	19.43	20.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3748.01	3750	3751.99		
80	QPSK	1	1	19.41	19.31	19.36	20.0	0.0
Channel				649002	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755		
70	QPSK	1	1	19.40	19.45	19.34	20.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3750	3756.98		
60	QPSK	1	1	19.30	19.39	19.42	20.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3742.01	3750	3757.99		
50	QPSK	1	1	19.34	19.43	19.33	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3750	3760		
40	QPSK	1	1	19.41	19.33	19.45	20.0	0.0
Channel				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3750.00	3761.98		
30	QPSK	1	1	19.36	19.40	19.43	20.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3737.01	3750	3762.99		
20	QPSK	1	1	19.32	19.32	19.32	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		19.25		20.0	0.0
100	PI/2-BPSK	1	137		19.35			
100	PI/2-BPSK	1	271		19.30			
100	PI/2-BPSK	135	0		19.26		20.0	0.0
100	PI/2-BPSK	135	68		19.08		20.0	0.0
100	PI/2-BPSK	135	138		19.22		20.0	0.0
100	PI/2-BPSK	270	0		19.13			
100	QPSK	1	1		19.54		20.0	0.0
100	QPSK	1	137		19.22			
100	QPSK	1	271		19.32			
100	QPSK	135	0		19.19		20.0	0.0
100	QPSK	135	68		19.42			
100	QPSK	135	138		19.18			
100	QPSK	270	0		19.20		20.0	0.0
100	16QAM	1	1		19.15		20.0	0.0
100	64QAM	1	1		19.22		20.0	0.0
100	256QAM	1	1		18.63		19.5	0.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3498	3499.98	3501.98		
90	QPSK	1	1	19.26	19.33	19.25	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3496.02	3499.98	3503		
80	QPSK	1	1	19.21	19.34	19.35	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495.01	3499.98	3504.98		
70	QPSK	1	1	19.23	19.41	19.32	20.0	0.0
Channel				632000	633332	634664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3492	3499.98	3507.98		
60	QPSK	1	1	19.18	19.35	19.41	20.0	0.0
Channel				631668	633332	634996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3509.98		
50	QPSK	1	1	19.25	19.27	19.40	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3487.01	3499.98	3512.98		
40	QPSK	1	1	19.29	19.28	19.31	20.0	0.0
Channel				631000	633332	635664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485	3499.98	3514.98		
30	QPSK	1	1	19.23	19.29	19.40	20.0	0.0
Channel				630668	633332	635930	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3499.98	3518		
20	QPSK	1	1	19.21	19.28	19.26	20.0	0.0

Reduced Power Mode for DSI 4

n2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PV2 BPSK	1	1	23.14	23.19	23.11	24.0	0.0
20	PV2 BPSK	1	53	23.09	23.15	23.02		
20	PV2 BPSK	1	104	23.05	23.17	23.14		
20	PV2 BPSK	50	0	22.45	22.60	22.54	23.5	0.5
20	PV2 BPSK	50	28	23.14	23.16	23.05	24.0	0.0
20	PV2 BPSK	50	56	22.49	22.64	22.56	23.5	0.5
20	PV2 BPSK	100	0	22.56	22.69	22.68		
20	QPSK	1	1	22.98	23.31	23.10	24.0	0.0
20	QPSK	1	53	23.06	23.09	22.95		
20	QPSK	1	104	23.07	23.12	23.08		
20	QPSK	50	0	22.08	22.21	22.17	23.0	1.0
20	QPSK	50	28	23.09	23.17	23.10	24.0	0.0
20	QPSK	50	56	22.10	22.13	22.09	23.0	1.0
20	QPSK	100	0	22.03	22.16	22.02		
20	16QAM	1	1	22.15	22.27	22.23	23.0	1.0
20	64QAM	1	1	20.45	20.57	20.42	21.5	2.5
20	256QAM	1	1	18.57	18.62	18.55	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.07	23.17	23.03	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.22	23.28	23.17	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.24	23.30	23.27	24.0	0.0

n2_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PV2 BPSK	1	1	23.27	23.17	23.16	24.0	0.0
20	PV2 BPSK	1	53	23.16	23.31	23.30		
20	PV2 BPSK	1	104	23.18	23.28	23.21		
20	PV2 BPSK	50	0	23.07	23.22	23.10	23.5	0.5
20	PV2 BPSK	50	28	23.21	23.26	23.12	24.0	0.0
20	PV2 BPSK	50	56	23.21	23.24	23.18	23.5	0.5
20	PV2 BPSK	100	0	23.15	23.17	23.13		
20	QPSK	1	1	23.15	23.39	23.17	24.0	0.0
20	QPSK	1	53	23.12	23.27	23.13		
20	QPSK	1	104	23.14	23.25	23.22		
20	QPSK	50	0	22.29	22.37	22.33	23.0	1.0
20	QPSK	50	28	23.17	23.29	23.23	24.0	0.0
20	QPSK	50	56	22.31	22.38	22.34	23.0	1.0
20	QPSK	100	0	22.26	22.34	22.22		
20	16QAM	1	1	22.35	22.40	22.27	23.0	1.0
20	64QAM	1	1	20.69	20.83	20.75	21.5	2.5
20	256QAM	1	1	18.70	18.76	18.74	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.30	23.35	23.23	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.29	23.24	23.22	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.18	23.23	23.13	24.0	0.0

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PV2 BPSK	1	1	23.12	23.09	23.18	24.0	0.0
20	PV2 BPSK	1	53	22.99	23.06	22.99		
20	PV2 BPSK	1	104	22.92	23.01	22.95		
20	PV2 BPSK	50	0	22.45	22.58	22.55	23.5	0.5
20	PV2 BPSK	50	28	22.97	23.04	22.93	24.0	0.0
20	PV2 BPSK	50	56	22.30	22.45	22.42	23.5	0.5
20	PV2 BPSK	100	0	22.42	22.56	22.47		
20	QPSK	1	1	22.65	23.20	22.91	24.0	0.0
20	QPSK	1	53	22.96	23.02	23.00		
20	QPSK	1	104	22.85	22.98	22.94		
20	QPSK	50	0	21.97	22.10	22.07	23.0	1.0
20	QPSK	50	28	22.90	22.97	22.94	24.0	0.0
20	QPSK	50	56	21.80	21.91	21.79	23.0	1.0
20	QPSK	100	0	21.87	22.00	21.88		
20	16QAM	1	1	22.09	22.13	22.06	23.0	1.0
20	64QAM	1	1	20.54	20.57	20.50	21.5	2.5
20	256QAM	1	1	18.65	18.72	18.66	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.13	23.11	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.91	23.04	23.00	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.00	23.17	22.93	24.0	0.0

n5_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PV2 BPSK	1	1	23.14	23.15	23.22	24.0	0.0
20	PV2 BPSK	1	53	23.05	23.10	22.96		
20	PV2 BPSK	1	104	23.02	23.06	22.92		
20	PV2 BPSK	50	0	23.09	23.11	23.10	23.5	0.5
20	PV2 BPSK	50	28	22.97	23.00	22.94	24.0	0.0
20	PV2 BPSK	50	56	22.80	22.93	22.90	23.5	0.5
20	PV2 BPSK	100	0	22.93	23.05	23.03		
20	QPSK	1	1	23.00	23.28	23.02	24.0	0.0
20	QPSK	1	53	23.01	23.05	23.03		
20	QPSK	1	104	22.92	22.97	22.88		
20	QPSK	50	0	22.01	22.06	22.05	23.0	1.0
20	QPSK	50	28	22.93	22.98	22.85	24.0	0.0
20	QPSK	50	56	21.83	21.89	21.80	23.0	1.0
20	QPSK	100	0	21.84	21.97	21.87		
20	16QAM	1	1	21.88	21.94	21.92	23.0	1.0
20	64QAM	1	1	20.53	20.67	20.53	21.5	2.5
20	256QAM	1	1	18.69	18.75	18.61	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.20	23.09	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.12	23.19	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.10	23.16	23.07	24.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2500	2535	2570		
40	PI/2 BPSK	1	1	23.03	23.05	22.95	24.0	0.0
40	PI/2 BPSK	1	108	22.96	22.98	22.92		
40	PI/2 BPSK	1	214	23.04	23.01	23.04		
40	PI/2 BPSK	108	0	22.50	22.72	22.50	23.5	0.5
40	PI/2 BPSK	108	54	22.60	22.61	22.71	24.0	0.0
40	PI/2 BPSK	108	108	22.36	22.40	22.31	23.5	0.5
40	PI/2 BPSK	216	0	22.41	22.46	22.43		
40	QPSK	1	1	23.06	23.07	23.01	24.0	0.0
40	QPSK	1	108	22.86	22.93	22.79		
40	QPSK	1	214	22.82	22.93	22.81		
40	QPSK	108	0	21.86	21.89	21.86	23.0	1.0
40	QPSK	108	54	22.88	22.96	22.89	24.0	0.0
40	QPSK	108	108	21.77	21.91	21.96	23.0	1.0
40	QPSK	216	0	21.68	21.94	21.81		
40	16QAM	1	1	21.92	22.00	21.96	23.0	1.0
40	64QAM	1	1	20.31	20.42	20.45	21.5	2.5
40	256QAM	1	1	18.49	18.55	18.41	19.5	4.5
Channel				502000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.89	22.96	22.83	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2557.5		
25	QPSK	1	1	22.92	23.05	22.83	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.85	22.90	22.87	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.84	22.82	22.82	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.85	22.97	22.91	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.94	22.94	22.92	24.0	0.0

n7_Ant 4(ENDC)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2500	2535	2570		
40	PI/2 BPSK	1	1	22.92	23.01	22.90	24.0	0.0
40	PI/2 BPSK	1	108	22.89	22.97	22.90		
40	PI/2 BPSK	1	214	22.87	22.97	22.90		
40	PI/2 BPSK	108	0	22.82	22.89	22.76	23.5	0.5
40	PI/2 BPSK	108	54	23.01	22.91	23.01	24.0	0.0
40	PI/2 BPSK	108	108	21.90	22.01	21.85	23.5	0.5
40	PI/2 BPSK	216	0	21.80	22.00	21.90		
40	QPSK	1	1	23.15	23.21	23.06	24.0	0.0
40	QPSK	1	108	23.13	23.12	22.98		
40	QPSK	1	214	23.03	23.18	22.93		
40	QPSK	108	0	21.91	22.00	21.98	23.0	1.0
40	QPSK	108	54	23.08	23.15	23.03	24.0	0.0
40	QPSK	108	108	22.00	22.04	21.94	23.0	1.0
40	QPSK	216	0	22.01	22.05	21.92		
40	16QAM	1	1	21.89	22.01	21.96	23.0	1.0
40	64QAM	1	1	20.54	20.63	20.52	21.5	2.5
40	256QAM	1	1	18.54	18.58	18.52	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
30	QPSK	1	1	23.07	23.12	23.00	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
25	QPSK	1	1	23.07	23.18	22.98	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2500	2535	2570		
20	QPSK	1	1	23.08	23.15	23.00	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2497.5	2535	2572.5		
15	QPSK	1	1	23.09	23.13	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2495	2535	2575		
10	QPSK	1	1	23.12	23.14	23.03	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2492.5	2535	2577.5		
5	QPSK	1	1	23.11	23.18	23.00	24.0	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.11	23.09	23.02	24.0	0.0
15	PI/2 BPSK	1	40	22.85	22.94	22.91		
15	PI/2 BPSK	1	77	22.82	22.83	22.70		
15	PI/2 BPSK	36	0	22.28	22.39	22.26	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.76	22.70	24.0	0.0
15	PI/2 BPSK	36	43	22.22	22.28	22.16	23.5	0.5
15	PI/2 BPSK	75	0	22.33	22.35	22.27		
15	QPSK	1	1	22.92	23.12	22.93	24.0	0.0
15	QPSK	1	40	22.78	22.80	22.76		
15	QPSK	1	77	22.56	22.67	22.62		
15	QPSK	36	0	21.75	21.90	21.88	23.0	1.0
15	QPSK	36	22	22.74	22.81	22.80	24.0	0.0
15	QPSK	36	43	21.74	21.75	21.68	23.0	1.0
15	QPSK	75	0	21.74	21.84	21.79		
15	16QAM	1	1	21.96	22.11	22.08	23.0	1.0
15	64QAM	1	1	20.60	20.66	20.61	21.5	2.5
15	256QAM	1	1	18.66	18.67	18.58	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.95	23.00	22.88	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.93	23.06	22.96	24.0	0.0

n12_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.08	23.11	23.05	24.0	0.0
15	PI/2 BPSK	1	40	22.88	22.98	22.88		
15	PI/2 BPSK	1	77	22.83	22.96	22.83		
15	PI/2 BPSK	36	0	22.67	22.92	22.76	23.5	0.5
15	PI/2 BPSK	36	22	22.62	22.71	22.60	24.0	0.0
15	PI/2 BPSK	36	43	22.84	22.71	22.90	23.5	0.5
15	PI/2 BPSK	75	0	22.62	22.76	22.61		
15	QPSK	1	1	23.07	23.13	23.04	24.0	0.0
15	QPSK	1	40	22.77	22.87	22.77		
15	QPSK	1	77	22.70	22.72	22.61		
15	QPSK	36	0	22.01	22.09	21.98	23.0	1.0
15	QPSK	36	22	22.78	22.81	22.67	24.0	0.0
15	QPSK	36	43	21.79	21.94	21.82	23.0	1.0
15	QPSK	75	0	21.86	22.01	21.88		
15	16QAM	1	1	22.31	22.41	22.38	23.0	1.0
15	64QAM	1	1	20.55	20.50	20.32	21.5	2.5
15	256QAM	1	1	18.79	18.82	18.66	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.01	23.01	23.02	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.04	23.12	23.06	24.0	0.0

n14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158000			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.29		24.0	0.0
10	PI/2 BPSK	1	26		23.24			
10	PI/2 BPSK	1	55		23.26			
10	PI/2 BPSK	25	0		22.79		23.5	0.5
10	PI/2 BPSK	25	14		23.26		24.0	0.0
10	PI/2 BPSK	25	27		22.77		23.5	0.5
10	PI/2 BPSK	50	0		22.79			
10	QPSK	1	1		23.31		24.0	0.0
10	QPSK	1	26		23.29			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.19		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.22		23.0	1.0
10	QPSK	50	0		22.27			
10	16QAM	1	1		22.36		23.0	1.0
10	64QAM	1	1		20.95		21.5	2.5
10	256QAM	1	1		18.69		19.5	4.5
Channel				158100	158800	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				795.5	793	795.5		
5	QPSK	1	1	23.27	23.24	23.27	24.0	0.0

n14_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158000			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.10		24.0	0.0
10	PI/2 BPSK	1	26		23.15			
10	PI/2 BPSK	1	50		23.14			
10	PI/2 BPSK	25	0		22.74		23.5	0.5
10	PI/2 BPSK	25	14		23.09		24.0	0.0
10	PI/2 BPSK	25	27		22.61		23.5	0.5
10	PI/2 BPSK	50	0		22.68			
10	QPSK	1	1		23.17		24.0	0.0
10	QPSK	1	26		23.11			
10	QPSK	1	50		23.07			
10	QPSK	25	0		22.23		23.0	1.0
10	QPSK	25	14		23.12		24.0	0.0
10	QPSK	25	27		22.16		23.0	1.0
10	QPSK	50	0		22.18			
10	16QAM	1	1		22.21		23.0	1.0
10	64QAM	1	1		20.64		21.5	2.5
10	256QAM	1	1		18.65		19.5	4.5
Channel				158100	158800	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				795.5	793	795.5		
5	QPSK	1	1	23.11	23.16	23.10	24.0	0.0

n25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				370000	376500	379000		
Frequency (MHz)				1870	1882.5	1885		
40	PI/2 BPSK	1	1	23.20	23.22	23.12	24.0	0.0
40	PI/2 BPSK	1	108	23.24	23.27	23.14		
40	PI/2 BPSK	1	214	23.27	23.30	23.15		
40	PI/2 BPSK	108	0	22.64	22.72	22.69	23.5	0.5
40	PI/2 BPSK	108	54	23.10	23.23	23.16	24.0	0.0
40	PI/2 BPSK	108	108	22.50	22.64	22.61	23.5	0.5
40	PI/2 BPSK	216	0	22.64	22.68	22.57		
40	QPSK	1	1	23.35	23.39	23.23	24.0	0.0
40	QPSK	1	108	23.11	23.21	23.11		
40	QPSK	1	214	23.21	23.35	23.26		
40	QPSK	108	0	22.13	22.20	22.09	23.0	1.0
40	QPSK	108	54	23.14	23.27	23.21	24.0	0.0
40	QPSK	108	108	22.03	22.14	22.05	23.0	1.0
40	QPSK	216	0	22.13	22.18	22.15		
40	16QAM	1	1	22.23	22.35	22.34	23.0	1.0
40	64QAM	1	1	20.71	20.81	20.72	21.5	2.5
40	256QAM	1	1	19.10	19.12	19.04	19.5	4.5
Channel				370000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.24	23.30	23.15	24.0	0.0
Channel				372500	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.20	23.33	23.22	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.17	23.32	23.24	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.22	23.27	23.19	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.28	23.38	23.26	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.17	23.34	23.27	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1885		
40	PI/2 BPSK	1	1	23.06	23.11	23.06	24.0	0.0
40	PI/2 BPSK	1	108	23.05	23.08	23.04		
40	PI/2 BPSK	1	214	22.92	23.05	22.90		
40	PI/2 BPSK	108	0	23.06	23.18	23.13	23.5	0.5
40	PI/2 BPSK	108	54	23.04	23.09	23.08	24.0	0.0
40	PI/2 BPSK	108	108	23.12	23.11	23.16	23.5	0.5
40	PI/2 BPSK	216	0	23.07	23.21	23.06		
40	QPSK	1	1	23.33	23.43	23.40	24.0	0.0
40	QPSK	1	108	23.21	23.33	23.26		
40	QPSK	1	214	23.15	23.18	23.09		
40	QPSK	108	0	22.84	22.87	22.76	23.0	1.0
40	QPSK	108	54	23.16	23.22	23.08	24.0	0.0
40	QPSK	108	108	22.06	22.14	21.99	23.0	1.0
40	QPSK	216	0	22.13	22.20	22.13		
40	16QAM	1	1	22.07	22.14	22.07	23.0	1.0
40	64QAM	1	1	21.31	21.41	21.32	21.5	2.5
40	256QAM	1	1	19.49	19.48	19.47	19.5	4.5
Channel				373500	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1900		
30	QPSK	1	1	22.97	23.03	23.02	24.0	0.0
Channel				373250	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1866.5	1882.5	1902.5		
25	QPSK	1	1	23.01	23.09	22.94	24.0	0.0
Channel				373000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1905		
20	QPSK	1	1	23.16	23.21	22.98	24.0	0.0
Channel				372500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1907.5		
15	QPSK	1	1	23.11	23.19	23.10	24.0	0.0
Channel				372000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1910		
10	QPSK	1	1	23.15	23.20	23.20	24.0	0.0
Channel				371500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1912.5		
5	QPSK	1	1	23.16	23.36	23.15	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.15	23.13	23.11	24.0	0.0
20	PI/2 BPSK	1	53	22.97	23.02	22.91		
20	PI/2 BPSK	1	104	22.90	23.00	22.88		
20	PI/2 BPSK	50	0	22.61	22.63	22.62	23.5	0.5
20	PI/2 BPSK	50	28	23.00	23.05	23.04	24.0	0.0
20	PI/2 BPSK	50	56	22.39	22.45	22.40	23.5	0.5
20	PI/2 BPSK	100	0	22.46	22.53	22.42		
20	QPSK	1	1	23.17	23.23	23.17	24.0	0.0
20	QPSK	1	53	23.10	23.21	23.18		
20	QPSK	1	104	23.05	23.17	23.08		
20	QPSK	50	0	21.99	22.11	22.07	23.0	1.0
20	QPSK	50	28	22.94	23.03	23.00	24.0	0.0
20	QPSK	50	56	21.91	22.00	21.88	23.0	1.0
20	QPSK	100	0	21.95	22.04	21.97		
20	16QAM	1	1	21.99	22.08	22.07	23.0	1.0
20	64QAM	1	1	20.55	20.63	20.59	21.5	2.5
20	256QAM	1	1	18.77	18.85	18.77	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.07	23.14	23.05	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.08	23.05	23.13	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.10	23.13	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.96	23.02	22.93	24.0	0.0
20	PI/2 BPSK	1	53	22.93	23.01	22.98		
20	PI/2 BPSK	1	104	22.96	22.97	22.96		
20	PI/2 BPSK	50	0	22.61	22.55	22.48	23.5	0.5
20	PI/2 BPSK	50	28	22.98	23.04	22.92	24.0	0.0
20	PI/2 BPSK	50	56	22.94	23.01	22.99	23.5	0.5
20	PI/2 BPSK	100	0	22.44	22.64	22.51		
20	QPSK	1	1	23.16	23.34	23.13	24.0	0.0
20	QPSK	1	53	23.11	23.14	23.08		
20	QPSK	1	104	22.94	23.05	22.95		
20	QPSK	50	0	22.21	22.22	22.18	23.0	1.0
20	QPSK	50	28	23.11	23.15	23.14	24.0	0.0
20	QPSK	50	56	22.99	22.07	22.93	23.0	1.0
20	QPSK	100	0	21.94	22.15	22.12		
20	16QAM	1	1	21.98	22.23	22.25	23.0	1.0
20	64QAM	1	1	20.48	20.55	20.59	21.5	2.5
20	256QAM	1	1	19.05	19.00	19.08	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.91	22.94	23.00	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.90	22.98	23.01	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.99	22.91	22.91	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.34		24.0	0.0
10	PI/2 BPSK	1	26		23.32			
10	PI/2 BPSK	1	50		23.22			
10	PI/2 BPSK	25	0		22.83		23.5	0.5
10	PI/2 BPSK	25	14		23.30		24.0	0.0
10	PI/2 BPSK	25	27		22.75		23.5	0.5
10	PI/2 BPSK	50	0		22.82			
10	QPSK	1	1		23.39		24.0	0.0
10	QPSK	1	26		23.31			
10	QPSK	1	50		23.25			
10	QPSK	25	0		22.29		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.15		23.0	1.0
10	QPSK	50	0		22.26			
10	16QAM	1	1		22.39		23.0	1.0
10	64QAM	1	1		20.85		21.5	2.5
10	256QAM	1	1		18.85		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.30	23.35	23.33	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.91		24.0	0.0
10	PI/2 BPSK	1	26		22.72			
10	PI/2 BPSK	1	50		22.83			
10	PI/2 BPSK	25	0		21.01		23.5	0.5
10	PI/2 BPSK	25	14		22.75		24.0	0.0
10	PI/2 BPSK	25	27		22.21		23.5	0.5
10	PI/2 BPSK	50	0		22.23			
10	QPSK	1	1		22.94		24.0	0.0
10	QPSK	1	26		22.82			
10	QPSK	1	50		22.84			
10	QPSK	25	0		21.06		23.0	1.0
10	QPSK	25	14		22.86		24.0	0.0
10	QPSK	25	27		21.90		23.0	1.0
10	QPSK	50	0		21.93			
10	16QAM	1	1		21.85		23.0	1.0
10	64QAM	1	1		20.40		21.5	2.5
10	256QAM	1	1		18.43		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.85	22.93	22.85	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.34	23.30	23.32	24.0	0.0
40	PI/2 BPSK	1	108	23.24	23.35	23.35		
40	PI/2 BPSK	1	214	23.35	23.37	23.29		
40	PI/2 BPSK	108	0	22.77	22.80	22.72	23.5	0.5
40	PI/2 BPSK	108	54	23.15	23.27	23.16	24.0	0.0
40	PI/2 BPSK	108	108	22.87	22.93	22.87	23.5	0.5
40	PI/2 BPSK	216	0	22.74	22.85	22.79		
40	QPSK	1	1	23.28	23.39	23.26	24.0	0.0
40	QPSK	1	108	23.17	23.29	23.18		
40	QPSK	1	214	23.31	23.38	23.33		
40	QPSK	108	0	22.36	22.37	22.28	23.0	1.0
40	QPSK	108	54	23.32	23.34	23.23	24.0	0.0
40	QPSK	108	108	22.28	22.32	22.31	23.0	1.0
40	QPSK	216	0	22.21	22.28	22.16		
40	16QAM	1	1	22.28	22.32	22.23	23.0	1.0
40	64QAM	1	1	20.93	21.00	20.96	21.5	2.5
40	256QAM	1	1	18.95	19.00	18.91	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.28	23.34	23.26	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.24	23.34	23.25	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.27	23.38	23.33	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.27	23.32	23.25	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.22	23.31	23.26	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.05	23.12	23.03	24.0	0.0
40	PI/2 BPSK	1	108	23.05	23.08	23.02		
40	PI/2 BPSK	1	214	22.97	22.98	22.93		
40	PI/2 BPSK	108	0	22.45	22.64	22.54	23.5	0.5
40	PI/2 BPSK	108	54	22.88	22.96	22.85	24.0	0.0
40	PI/2 BPSK	108	108	22.38	22.32	22.30	23.5	0.5
40	PI/2 BPSK	216	0	22.34	22.41	22.38		
40	QPSK	1	1	23.14	23.24	23.12	24.0	0.0
40	QPSK	1	108	23.04	23.13	23.06		
40	QPSK	1	214	22.98	23.07	22.99		
40	QPSK	108	0	21.93	21.99	21.95	23.0	1.0
40	QPSK	108	54	22.88	22.95	22.89	24.0	0.0
40	QPSK	108	108	21.84	21.98	21.86	23.0	1.0
40	QPSK	216	0	21.98	21.99	21.85		
40	16QAM	1	1	21.87	21.94	21.82	23.0	1.0
40	64QAM	1	1	20.34	20.32	20.35	21.5	2.5
40	256QAM	1	1	18.64	18.48	18.51	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.96	23.07	23.02	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.04	23.06	23.01	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.02	23.01	23.05	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.11	23.17	23.00	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.09	23.12	23.08	24.0	0.0

n70_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.34		24.0	0.0
15	PI/2 BPSK	1	40		23.35			
15	PI/2 BPSK	1	77		23.36			
15	PI/2 BPSK	36	0		22.84		23.5	0.5
15	PI/2 BPSK	36	22		23.32		24.0	0.0
15	PI/2 BPSK	36	43		22.81		23.5	0.5
15	PI/2 BPSK	75	0		22.80			
15	QPSK	1	1		23.38		24.0	0.0
15	QPSK	1	40		23.28			
15	QPSK	1	77		23.25			
15	QPSK	36	0		22.28		23.0	1.0
15	QPSK	36	22		23.27		24.0	0.0
15	QPSK	36	43		22.22		23.0	1.0
15	QPSK	75	0		22.24			
15	16QAM	1	1		22.30		23.0	1.0
15	64QAM	1	1		20.79		21.5	2.5
15	256QAM	1	1		18.82		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.36	23.34	23.33	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.27	23.36	23.25	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.21		24.0	0.0
15	PI/2 BPSK	1	40		23.22			
15	PI/2 BPSK	1	77		23.25			
15	PI/2 BPSK	36	0		22.78		23.5	0.5
15	PI/2 BPSK	36	22		23.17		24.0	0.0
15	PI/2 BPSK	36	43		22.72		23.5	0.5
15	PI/2 BPSK	75	0		22.69			
15	QPSK	1	1		23.30		24.0	0.0
15	QPSK	1	40		23.28			
15	QPSK	1	77		23.21			
15	QPSK	36	0		22.62		23.0	1.0
15	QPSK	36	22		23.23		24.0	0.0
15	QPSK	36	43		22.24		23.0	1.0
15	QPSK	75	0		22.23			
15	16QAM	1	1		22.40		23.0	1.0
15	64QAM	1	1		20.70		21.5	2.5
15	256QAM	1	1		18.99		19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
5	QPSK	1	1	23.26	23.21	23.28	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.26	23.21	23.28	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134000	136100	137000		
Frequency (MHz)				673	685.5	698		
20	PI/2 BPSK	1	1	23.14	23.09	23.00	24.0	0.0
20	PI/2 BPSK	1	53	22.87	22.98	22.88		
20	PI/2 BPSK	1	104	22.87	22.96	22.93		
20	PI/2 BPSK	50	0	22.56	22.60	22.53	23.5	0.5
20	PI/2 BPSK	50	28	22.93	22.96	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.35	22.41	22.38	23.5	0.5
20	PI/2 BPSK	100	0	22.38	22.48	22.48		
20	QPSK	1	1	23.18	23.20	23.14	24.0	0.0
20	QPSK	1	53	22.87	22.89	22.80		
20	QPSK	1	104	22.82	22.92	22.89		
20	QPSK	50	0	21.93	22.04	21.95	23.0	1.0
20	QPSK	50	28	22.95	22.99	22.93	24.0	0.0
20	QPSK	50	56	21.89	21.90	21.82	23.0	1.0
20	QPSK	100	0	21.87	21.97	21.96		
20	16QAM	1	1	21.95	22.07	21.96	23.0	1.0
20	64QAM	1	1	20.62	20.67	20.65	21.5	2.5
20	256QAM	1	1	18.77	18.88	18.84	19.5	4.5
Channel				134100	136100	136100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	685.5	695.5		
15	QPSK	1	1	22.91	23.03	22.99	24.0	0.0
Channel				133800	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	685.5	693		
10	QPSK	1	1	23.02	23.10	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	685.5	705.5		
5	QPSK	1	1	23.08	23.15	23.07	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134000	136100	137000		
Frequency (MHz)				673	685.5	698		
20	PI/2 BPSK	1	1	23.11	23.09	22.97	24.0	0.0
20	PI/2 BPSK	1	53	22.81	22.90	22.81		
20	PI/2 BPSK	1	104	22.73	22.81	22.73		
20	PI/2 BPSK	50	0	22.51	22.48	22.45	23.5	0.5
20	PI/2 BPSK	50	28	22.90	22.94	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.55	22.61	22.44	23.5	0.5
20	PI/2 BPSK	100	0	22.58	22.47	22.45		
20	QPSK	1	1	23.00	23.12	22.98	24.0	0.0
20	QPSK	1	53	22.87	22.98	22.87		
20	QPSK	1	104	22.83	22.85	22.73		
20	QPSK	50	0	22.08	22.11	22.09	23.0	1.0
20	QPSK	50	28	22.87	22.95	22.91	24.0	0.0
20	QPSK	50	56	21.95	22.03	22.02	23.0	1.0
20	QPSK	100	0	22.10	22.20	22.14		
20	16QAM	1	1	22.00	22.02	22.05	23.0	1.0
20	64QAM	1	1	20.54	20.48	20.50	21.5	2.5
20	256QAM	1	1	18.68	18.83	18.65	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	685.5	695.5		
15	QPSK	1	1	22.95	22.95	22.89	24.0	0.0
Channel				133800	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	685.5	693		
10	QPSK	1	1	23.02	23.11	23.00	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	685.5	705.5		
5	QPSK	1	1	22.99	23.06	23.03	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.88	22.72	22.68		
100	PI/2 BPSK	1	137	22.63	22.95	22.69	24.0	0.0
100	PI/2 BPSK	1	271	22.74	22.74	22.67		
100	PI/2 BPSK	135	0	22.58	22.67	22.56	23.5	0.5
100	PI/2 BPSK	135	69	22.67	22.69	22.66	24.0	0.0
100	PI/2 BPSK	135	138	22.57	22.71	22.62	23.5	0.5
100	PI/2 BPSK	270	0	22.63	22.65	22.52		
100	QPSK	1	1	22.81	22.79	22.67		
100	QPSK	1	137	22.87	23.01	22.97	24.0	0.0
100	QPSK	1	271	22.80	22.85	22.87		
100	QPSK	135	0	22.66	22.68	22.61		
100	QPSK	135	69	22.68	22.72	22.68	24.0	0.0
100	QPSK	135	138	22.62	22.63	22.51		
100	QPSK	270	0	21.54	21.72	21.59	23.0	1.0
100	16QAM	1	1	21.57	21.85	21.71	23.0	1.0
100	64QAM	1	1	20.83	20.76	20.74	21.5	2.5
100	256QAM	1	1	18.78	18.64	18.60	19.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.74	22.83	22.73	24.0	0.0
Channel				507264	518598	529932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.79	22.73	22.79	24.0	0.0
Channel				505328	518598	531868	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.82	22.78	22.76	24.0	0.0
Channel				504224	518598	532972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.80	22.78	22.81	24.0	0.0
Channel				503192	518598	534004	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.01	2592.99	2670		
40	QPSK	1	1	22.75	22.83	22.73	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.77	22.73	22.81	24.0	0.0
Channel				501224	518598	535972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.80	22.73	22.82	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.84	25.83	25.78		
100	PI/2 BPSK	1	137	25.84	25.89	25.86	27.0	0.0
100	PI/2 BPSK	1	271	25.96	25.96	25.99		
100	PI/2 BPSK	135	0	25.76	25.87	25.73	26.5	0.5
100	PI/2 BPSK	135	69	25.79	25.86	25.74	27.0	0.0
100	PI/2 BPSK	135	138	25.77	25.89	25.82	26.5	0.5
100	PI/2 BPSK	270	0	25.63	25.74	25.63		
100	QPSK	1	1	25.82	25.88	25.59		
100	QPSK	1	137	25.87	26.01	25.85	27.0	0.0
100	QPSK	1	271	25.82	25.86	25.74		
100	QPSK	135	0	25.35	25.35	25.31		
100	QPSK	135	69	25.66	25.61	25.56	27.0	0.0
100	QPSK	135	138	25.46	25.48	25.45		
100	QPSK	270	0	24.61	24.65	24.62	26.0	1.0
100	16QAM	1	1	24.77	24.82	24.72	26.0	1.0
100	64QAM	1	1	23.45	23.41	23.30	24.5	2.5
100	256QAM	1	1	21.32	21.21	21.09	22.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.75	25.79	25.81	27.0	0.0
Channel				507264	518598	529932	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.76	25.81	25.75	27.0	0.0
Channel				505328	518598	531868	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.76	25.79	25.81	27.0	0.0
Channel				504224	518598	532972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.80	25.82	25.75	27.0	0.0
Channel				503192	518598	534004	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515.01	2592.99	2670		
40	QPSK	1	1	25.78	25.80	25.75	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.74	25.72	25.72	27.0	0.0
Channel				501224	518598	535972	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.78	25.82	25.75	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.91	20.05	20.00	21.5	0.0
100	PI/2 BPSK	1	137	19.81	19.98	20.02		
100	PI/2 BPSK	1	271	19.89	20.10	19.97		
100	PI/2 BPSK	135	0	19.76	19.87	19.93	21.5	0.0
100	PI/2 BPSK	135	69	19.75	19.89	19.87	21.5	0.0
100	PI/2 BPSK	135	138	19.77	19.93	19.82	21.5	0.0
100	PI/2 BPSK	270	0	19.70	19.90	20.01		
100	QPSK	1	1	19.94	20.02	19.88	21.5	0.0
100	QPSK	1	137	19.94	20.19	20.05		
100	QPSK	1	271	19.85	19.91	19.92		
100	QPSK	135	0	19.66	19.95	19.80	21.5	0.0
100	QPSK	135	69	19.86	20.01	19.96		
100	QPSK	135	138	19.75	19.84	19.92		
100	QPSK	270	0	19.71	19.93	19.89	21.5	0.0
100	16QAM	1	1	19.80	19.83	19.95	21.5	0.0
100	64QAM	1	1	18.83	19.08	18.92	20.5	1.0
100	256QAM	1	1	16.88	17.09	16.96	18.5	3.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.82	20.06	19.90	21.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.81	20.11	20.02	21.5	0.0
Channel				505203	518598	531993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.85	20.00	19.93	21.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.85	20.09	20.01	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.91	20.06	20.03	21.5	0.0
Channel				502201	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.78	20.08	19.90	21.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.91	20.02	19.90	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.03	23.15	23.02	24.5	0.0
100	PI/2 BPSK	1	137	23.11	23.24	23.08		
100	PI/2 BPSK	1	271	23.04	23.17	23.09		
100	PI/2 BPSK	135	0	23.10	23.14	23.14	24.5	0.0
100	PI/2 BPSK	135	69	22.99	23.06	22.87	24.5	0.0
100	PI/2 BPSK	135	138	23.01	22.97	22.98	24.5	0.0
100	PI/2 BPSK	270	0	23.00	23.07	22.97		
100	QPSK	1	1	22.88	23.07	22.95	24.5	0.0
100	QPSK	1	137	23.18	23.30	23.17		
100	QPSK	1	271	22.86	22.98	22.92		
100	QPSK	135	0	23.07	23.06	22.96	24.5	0.0
100	QPSK	135	69	23.02	23.16	22.92		
100	QPSK	135	138	22.85	23.14	22.91		
100	QPSK	270	0	23.06	23.12	23.00	24.5	0.0
100	16QAM	1	1	23.03	23.04	23.03	24.5	0.0
100	64QAM	1	1	22.05	22.27	22.08	23.5	1.0
100	256QAM	1	1	20.05	20.16	20.12	21.5	3.0
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.15	23.24	23.14	24.5	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.01	23.23	23.14	24.5	0.0
Channel				505203	518598	531993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.08	23.19	23.07	24.5	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.08	23.29	23.11	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.02	23.12	23.10	24.5	0.0
Channel				502201	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.00	23.29	23.16	24.5	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.16	23.27	23.04	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.78	16.85	17.38	18.5	0.0
100	PI/2 BPSK	1	137	17.23	17.25	18.01		
100	PI/2 BPSK	1	271	17.40	17.61	17.95		
100	PI/2 BPSK	135	0	17.00	17.06	17.77	18.0	0.5
100	PI/2 BPSK	135	69	17.11	17.22	17.82	18.5	0.0
100	PI/2 BPSK	135	138	17.36	17.41	17.98	18.0	0.5
100	PI/2 BPSK	270	0	16.58	16.70	17.14		
100	QPSK	1	1	16.89	17.27	17.88	18.5	0.0
100	QPSK	1	137	17.52	17.63	18.05		
100	QPSK	1	271	16.53	16.87	17.35		
100	QPSK	135	0	17.00	17.08	17.56	18.5	0.0
100	QPSK	135	69	17.21	17.43	17.94		
100	QPSK	135	138	17.04	17.24	17.78		
100	QPSK	270	0	16.33	16.70	16.95	17.5	1.0
100	16QAM	1	1	16.51	16.72	16.98	17.5	1.0
100	64QAM	1	1	14.20	14.21	14.66	16.0	2.5
100	256QAM	1	1	12.37	12.44	12.98	14.0	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.87	17.28	17.73	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	16.66	17.35	17.44	18.5	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2592.99	2659.98		
60	QPSK	1	1	16.65	17.22	17.52	18.5	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	16.82	17.18	17.76	18.5	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	16.77	17.21	17.68	18.5	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.74	17.33	17.70	18.5	0.0
Channel				514204	518598	539992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.78	17.24	17.74	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2545.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.56	19.92	20.21	21.5	0.0
100	PI/2 BPSK	1	137	19.88	20.38	20.55		
100	PI/2 BPSK	1	271	20.01	20.65	20.76		
100	PI/2 BPSK	135	0	18.78	19.21	19.43	21.0	0.5
100	PI/2 BPSK	135	69	19.95	20.36	20.71	21.5	0.0
100	PI/2 BPSK	135	138	19.03	19.54	20.08	21.0	0.5
100	PI/2 BPSK	270	0	19.11	19.38	19.99		
100	QPSK	1	1	19.24	19.97	20.38	21.5	0.0
100	QPSK	1	137	20.36	20.79	20.94		
100	QPSK	1	271	20.02	20.43	20.59		
100	QPSK	135	0	18.78	19.26	19.51	21.5	0.0
100	QPSK	135	69	20.00	20.41	20.76		
100	QPSK	135	138	19.37	19.59	20.19		
100	QPSK	270	0	19.15	19.43	20.01	20.5	1.0
100	16QAM	1	1	18.63	19.00	19.53	20.5	1.0
100	64QAM	1	1	17.21	17.47	18.01	19.0	2.5
100	256QAM	1	1	15.14	15.47	15.92	17.0	4.5
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.93	20.01	20.12	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550.02	2592.99	2649.99		
80	QPSK	1	1	19.56	19.88	20.08	21.5	0.0
Channel				508200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2565	2592.99	2659.98		
60	QPSK	1	1	19.77	19.98	20.12	21.5	0.0
Channel				509204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2571.02	2592.99	2664.99		
50	QPSK	1	1	19.82	19.97	20.05	21.5	0.0
Channel				510202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2576.01	2592.99	2670		
40	QPSK	1	1	19.80	20.11	20.04	21.5	0.0
Channel				512200	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.64	20.06	19.98	21.5	0.0
Channel				514204	518598	539992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.71	19.95	19.95	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.85	20.88	20.78	22.0	0.0
100	PI/2 BPSK	1	137	20.82	20.97	20.85		
100	PI/2 BPSK	1	271	20.97	21.01	21.05		
100	PI/2 BPSK	135	0	20.83	20.84	20.76	21.5	0.5
100	PI/2 BPSK	135	69	20.76	20.82	20.78	22.0	0.0
100	PI/2 BPSK	135	138	20.84	20.88	20.80	21.5	0.5
100	PI/2 BPSK	270	0	20.70	20.78	20.65		
100	QPSK	1	1	20.78	20.83	20.68	22.0	0.0
100	QPSK	1	137	21.05	21.09	20.93		
100	QPSK	1	271	21.00	21.01	20.86		
100	QPSK	135	0	20.81	20.82	20.73	22.0	0.0
100	QPSK	135	69	20.83	20.88	20.80		
100	QPSK	135	138	20.77	20.87	20.74		
100	QPSK	270	0	19.68	19.71	19.64	21.0	1.0
100	16QAM	1	1	19.83	19.89	19.88	21.0	1.0
100	64QAM	1	1	18.13	18.49	18.46	19.5	2.5
100	256QAM	1	1	16.10	16.25	16.12	17.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.89	20.94	20.89	22.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.84	20.91	20.95	22.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.88	20.89	20.94	22.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.82	20.90	20.92	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.87	20.90	20.97	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.89	20.90	20.91	22.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.86	20.93	20.92	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.09	24.20	24.10	25.0	0.0
100	PI/2 BPSK	1	137	24.20	24.20	24.11		
100	PI/2 BPSK	1	271	24.24	24.10	24.04		
100	PI/2 BPSK	135	0	23.72	23.73	23.92	24.5	0.5
100	PI/2 BPSK	135	69	24.10	24.22	23.40	25.0	0.0
100	PI/2 BPSK	135	138	23.45	23.68	23.67	24.5	0.5
100	PI/2 BPSK	270	0	23.74	23.73	22.93		
100	QPSK	1	1	23.93	24.18	24.08	25.0	0.0
100	QPSK	1	137	24.07	24.25	24.05		
100	QPSK	1	271	24.16	23.98	23.95		
100	QPSK	135	0	23.77	23.83	23.73	25.0	0.0
100	QPSK	135	69	23.98	24.23	23.63		
100	QPSK	135	138	23.74	23.77	23.75		
100	QPSK	270	0	23.29	23.35	23.34	24.0	1.0
100	16QAM	1	1	23.14	23.20	23.21	24.0	1.0
100	64QAM	1	1	21.66	21.72	21.73	22.5	2.5
100	256QAM	1	1	19.68	19.87	19.86	20.5	4.5
Channel				509200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.98	24.09	24.17	25.0	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.06	24.05	24.25	25.0	0.0
Channel				505208	518598	531988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.01	24.11	24.16	25.0	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.94	24.09	24.19	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.00	24.19	24.17	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.00	24.10	24.22	25.0	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.96	23.97	24.21	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				636000	641666	643332		
Frequency (MHz)				3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	22.91	23.01	22.97	24.0	0.0
40	Pi/2 BPSK	1	53	23.15	23.07	23.22		
40	Pi/2 BPSK	1	104	23.17	23.04	23.22		
40	Pi/2 BPSK	50	0	22.13	22.21	22.14	23.5	0.5
40	Pi/2 BPSK	50	28	23.11	23.05	23.13	24.0	0.0
40	Pi/2 BPSK	50	56	22.65	22.73	22.66	23.5	0.5
40	Pi/2 BPSK	100	0	22.75	22.85	22.75		
40	QPSK	1	1	23.10	23.23	23.09	24.0	0.0
40	QPSK	1	53	22.83	22.84	22.73		
40	QPSK	1	104	22.82	22.89	22.88		
40	QPSK	50	0	22.04	22.05	22.01	24.0	0.0
40	QPSK	50	28	22.59	22.74	22.67		
40	QPSK	50	56	22.33	22.45	22.34		
40	QPSK	100	0	21.31	21.46	21.37	23.0	1.0
40	16QAM	1	1	22.00	22.09	21.95	23.0	1.0
40	64QAM	1	1	20.54	20.59	20.58	21.5	2.5
40	256QAM	1	1	18.25	18.37	18.25	19.5	4.5
Channel				637334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3573.01	3624.99	3690		
20	QPSK	1	1	23.19	23.22	23.20	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.11	23.19	23.16	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	22.86	23.01	22.97	24.0	0.0
100	PI/2-BPSK	1	137	23.04	23.02	22.96		
100	PI/2-BPSK	1	271	22.94	23.07	22.95		
100	PI/2-BPSK	135	0	22.88	22.93	22.78	23.5	0.5
100	PI/2-BPSK	135	69	22.83	22.95	22.81	24.0	0.0
100	PI/2-BPSK	135	138	22.80	22.93	22.69	23.5	0.5
100	PI/2-BPSK	270	0	22.80	22.97	22.76		
100	QPSK	1	1	23.19	23.34	23.12	24.0	0.0
100	QPSK	1	137	23.15	23.24	23.18		
100	QPSK	1	271	23.25	23.30	23.24		
100	QPSK	135	0	22.88	23.10	23.07	24.0	0.0
100	QPSK	135	69	23.15	23.19	23.19		
100	QPSK	135	138	23.07	23.09	23.04		
100	QPSK	270	0	21.81	21.93	21.89	23.0	1.0
100	16QAM	1	1	21.60	21.67	21.60	23.0	1.0
100	64QAM	1	1	20.24	20.35	20.27	21.5	2.5
100	256QAM	1	1	18.65	18.67	18.54	19.5	4.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.95	23.01	22.97	24.0	0.0
Channel				648324	656000	663676	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3934.99		
80	QPSK	1	1	22.94	22.96	22.98	24.0	0.0
Channel				648600	656000	663400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	22.99	22.97	22.98	24.0	0.0
Channel				648876	656000	663124	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3934.99		
60	QPSK	1	1	22.96	22.99	23.00	24.0	0.0
Channel				649324	656000	662676	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3934.99		
50	QPSK	1	1	22.96	23.00	23.00	24.0	0.0
Channel				649700	656000	662300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	23.00	22.94	22.97	24.0	0.0
Channel				647376	656000	664624	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	22.95	22.92	22.95	24.0	0.0
Channel				647724	656000	664276	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.01	3840	3964.99		
20	QPSK	1	1	23.00	22.97	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	25.48	25.42	25.77	27.0	0.0
100	PI/2-BPSK	1	137	24.87	24.88	24.91		
100	PI/2-BPSK	1	271	24.13	24.22	24.12		
100	PI/2-BPSK	135	0	24.19	24.33	24.18	26.5	0.5
100	PI/2-BPSK	135	69	24.37	24.68	24.60	27.0	0.0
100	PI/2-BPSK	135	138	23.98	23.61	23.48	26.5	0.5
100	PI/2-BPSK	270	0	23.64	23.97	23.88		
100	QPSK	1	1	26.00	26.07	25.95	27.0	0.0
100	QPSK	1	137	25.67	25.72	25.60		
100	QPSK	1	271	25.27	25.32	25.24		
100	QPSK	135	0	25.64	25.78	25.72	27.0	0.0
100	QPSK	135	69	25.86	25.97	25.95		
100	QPSK	135	138	25.36	25.39	25.28		
100	QPSK	270	0	25.48	25.58	25.49	26.0	1.0
100	16QAM	1	1	23.57	23.71	23.65	26.0	1.0
100	64QAM	1	1	22.83	22.89	22.74	24.5	2.5
100	256QAM	1	1	21.51	21.65	21.57	22.5	4.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	25.97	26.02	26.03	27.0	0.0
Channel				648324	656000	663676	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3934.99		
80	QPSK	1	1	26.04	25.99	26.03	27.0	0.0
Channel				648600	656000	663400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	26.01	26.03	25.95	27.0	0.0
Channel				648876	656000	663124	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3934.99		
60	QPSK	1	1	25.96	26.03	25.95	27.0	0.0
Channel				649324	656000	662676	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.01	3840	3934.99		
50	QPSK	1	1	25.96	26.04	25.99	27.0	0.0
Channel				649700	656000	662300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	26.02	25.94	26.01	27.0	0.0
Channel				647376	656000	664624	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	25.99	25.99	25.94	27.0	0.0
Channel				647724	656000	664276	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.01	3840	3964.99		
20	QPSK	1	1	25.94	25.97	25.98	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.34		24.0	0.0
100	PI/2 BPSK	1	137		23.24			
100	PI/2 BPSK	1	271		23.22			
100	PI/2 BPSK	135	0		23.21		23.5	0.5
100	PI/2 BPSK	135	69		23.19		24.0	0.0
100	PI/2 BPSK	135	138		23.17		23.5	0.5
100	PI/2 BPSK	270	0		23.09			
100	QPSK	1	1		23.35		24.0	0.0
100	QPSK	1	137		23.21			
100	QPSK	1	271		23.21			
100	QPSK	135	0		23.15		24.0	0.0
100	QPSK	135	69		23.21			
100	QPSK	135	138		23.14			
100	QPSK	270	0		21.99		23.0	1.0
100	16QAM	1	1		21.99		23.0	1.0
100	64QAM	1	1		20.62		21.5	2.5
100	256QAM	1	1		18.64		19.5	4.5
Channel				632000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3504.98		
90	QPSK	1	1	23.07	23.05	23.05	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.02	3499.98	3503		
80	QPSK	1	1	23.01	23.09	23.02	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.01	3499.98	3504.98		
70	QPSK	1	1	23.01	23.12	22.99	24.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3506.98		
60	QPSK	1	1	23.01	23.12	23.02	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3499.98	3503		
50	QPSK	1	1	23.05	23.11	22.94	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3505.98		
40	QPSK	1	1	22.99	23.08	23.00	24.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452	3499.98	3506.98		
30	QPSK	1	1	22.99	23.03	23.01	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3445.02	3499.98	3508		
20	QPSK	1	1	23.06	23.05	23.06	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.74		27.0	0.0
100	PI/2 BPSK	1	137		25.47			
100	PI/2 BPSK	1	271		25.18			
100	PI/2 BPSK	135	0		24.96		26.5	0.5
100	PI/2 BPSK	135	69		25.26		27.0	0.0
100	PI/2 BPSK	135	138		24.33		26.5	0.5
100	PI/2 BPSK	270	0		24.50			
100	QPSK	1	1		25.86		27.0	0.0
100	QPSK	1	137		25.26			
100	QPSK	1	271		25.15			
100	QPSK	135	0		25.42		27.0	0.0
100	QPSK	135	69		25.43			
100	QPSK	135	138		24.32			
100	QPSK	270	0		24.09		26.0	1.0
100	16QAM	1	1		23.25		26.0	1.0
100	64QAM	1	1		22.49		24.5	2.5
100	256QAM	1	1		21.27		22.5	4.5
Channel				632000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3504.98		
90	QPSK	1	1	25.59	25.45	25.62	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.02	3499.98	3503		
80	QPSK	1	1	25.57	25.80	25.58	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3463.01	3499.98	3504.98		
70	QPSK	1	1	25.49	25.61	25.53	27.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3506.98		
60	QPSK	1	1	25.58	25.74	25.55	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3499.98	3503		
50	QPSK	1	1	25.54	25.77	25.58	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3505.98		
40	QPSK	1	1	25.54	25.85	25.58	27.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452	3499.98	3506.98		
30	QPSK	1	1	25.58	25.77	25.61	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3445.02	3499.98	3508		
20	QPSK	1	1	25.48	25.75	25.54	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.76	22.91	22.76	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.81	22.78		
100	PI/2 BPSK	1	271	22.75	22.78	22.74		
100	PI/2 BPSK	135	0	22.70	22.72	22.70	23.5	0.5
100	PI/2 BPSK	135	69	22.65	22.70	22.70	24.0	0.0
100	PI/2 BPSK	135	138	22.68	22.67	22.63	23.5	0.5
100	PI/2 BPSK	270	0	22.58	22.62	22.56		
100	QPSK	1	1	22.92	23.00	22.87	24.0	0.0
100	QPSK	1	137	22.81	22.72	22.84		
100	QPSK	1	271	22.16	22.13	22.15		
100	QPSK	135	0	22.19	22.21	22.11	24.0	0.0
100	QPSK	135	69	22.37	22.35	22.28		
100	QPSK	135	138	21.38	21.35	21.32		
100	QPSK	270	0	21.34	21.47	21.33	23.0	1.0
100	16QAM	1	1	21.61	21.69	21.68	23.0	1.0
100	64QAM	1	1	20.20	20.29	20.25	21.5	2.5
100	256QAM	1	1	18.44	18.58	18.54	19.5	4.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
90	QPSK	1	1	22.87	22.93	22.75	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3840	3930.99		
80	QPSK	1	1	22.94	22.99	22.70	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
70	QPSK	1	1	22.92	22.99	22.85	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.01	3840	3929.99		
60	QPSK	1	1	22.96	22.88	22.94	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
50	QPSK	1	1	22.88	22.97	22.89	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	22.95	22.90	22.71	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
30	QPSK	1	1	22.91	22.84	22.95	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3840	3930.99		
20	QPSK	1	1	22.91	22.92	22.87	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.29	25.30	25.15	27.0	0.0
100	PI/2 BPSK	1	137	24.76	24.77	24.64		
100	PI/2 BPSK	1	271	23.90	24.01	23.86		
100	PI/2 BPSK	135	0	24.40	24.45	24.41	26.5	0.5
100	PI/2 BPSK	135	69	24.75	24.78	24.63	27.0	0.0
100	PI/2 BPSK	135	138	23.74	23.88	23.77	26.5	0.5
100	PI/2 BPSK	270	0	24.71	24.28	24.16		
100	QPSK	1	1	25.98	26.08	25.95	27.0	0.0
100	QPSK	1	137	25.65	25.66	25.63		
100	QPSK	1	271	24.63	24.75	24.68		
100	QPSK	135	0	25.87	25.88	25.74	27.0	0.0
100	QPSK	135	69	25.99	26.04	26.02		
100	QPSK	135	138	25.54	25.64	25.65		
100	QPSK	270	0	25.19	25.23	25.22	26.0	1.0
100	16QAM	1	1	24.27	24.38	24.34	26.0	1.0
100	64QAM	1	1	23.08	23.08	22.97	24.5	2.5
100	256QAM	1	1	21.73	21.77	21.62	22.5	4.5
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
90	QPSK	1	1	25.63	25.90	25.61	27.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3840	3930.99		
80	QPSK	1	1	25.69	25.92	25.69	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
70	QPSK	1	1	25.67	25.97	25.64	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750.01	3840	3929.99		
60	QPSK	1	1	25.91	25.64	25.67	27.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
50	QPSK	1	1	25.91	25.95	25.63	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3750	3840	3930		
40	QPSK	1	1	25.63	25.96	25.63	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.99	3840	3930.01		
30	QPSK	1	1	25.66	25.66	25.66	27.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.01	3840	3930.99		
20	QPSK	1	1	25.64	25.91	25.69	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		22.72		24.0	0.0
100	P/2-BPSK	1	137		22.83			
100	P/2-BPSK	1	271		22.91			
100	P/2-BPSK	135	0		21.82		23.5	0.5
100	P/2-BPSK	135	69		22.45		24.0	0.0
100	P/2-BPSK	135	138		21.88		23.5	0.5
100	P/2-BPSK	270	0		21.92			
100	QPSK	1	1		23.23		24.0	0.0
100	QPSK	1	137		23.13			
100	QPSK	1	271		23.09			
100	QPSK	135	0		23.14		24.0	0.0
100	QPSK	135	69		23.15			
100	QPSK	135	138		22.69			
100	QPSK	270	0		22.27		23.0	1.0
100	16QAM	1	1		21.26		23.0	1.0
100	64QAM	1	1		19.68		21.5	2.5
100	256QAM	1	1		18.73		19.5	4.5
Channel				632000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3534.98		
90	QPSK	1	1	22.87	22.93	22.94	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3499.98	3535		
80	QPSK	1	1	22.92	22.89	22.88	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3499.98	3539.98		
70	QPSK	1	1	22.97	22.97	22.91	24.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
60	QPSK	1	1	22.90	22.96	22.92	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3499.98	3543		
50	QPSK	1	1	22.97	22.88	22.86	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.85	22.93	22.96	24.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
30	QPSK	1	1	22.92	22.93	22.92	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549		
20	QPSK	1	1	22.92	22.91	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	P/2-BPSK	1	1		25.23		27.0	0.0
100	P/2-BPSK	1	137		25.41			
100	P/2-BPSK	1	271		24.92			
100	P/2-BPSK	135	0		24.47		26.5	0.5
100	P/2-BPSK	135	69		25.21		27.0	0.0
100	P/2-BPSK	135	138		24.23		26.5	0.5
100	P/2-BPSK	270	0		24.44			
100	QPSK	1	1		25.63		27.0	0.0
100	QPSK	1	137		25.52			
100	QPSK	1	271		25.28			
100	QPSK	135	0		25.65		27.0	0.0
100	QPSK	135	69		25.88			
100	QPSK	135	138		25.45			
100	QPSK	270	0		25.03		26.0	1.0
100	16QAM	1	1		24.30		26.0	1.0
100	64QAM	1	1		22.72		24.5	2.5
100	256QAM	1	1		21.62		22.5	4.5
Channel				632000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3534.98		
90	QPSK	1	1	25.57	25.67	25.69	27.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3464.02	3499.98	3535		
80	QPSK	1	1	25.65	25.61	25.58	27.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.01	3499.98	3539.98		
70	QPSK	1	1	25.90	25.96	25.49	27.0	0.0
Channel				632000	633332	634665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
60	QPSK	1	1	25.91	25.48	25.53	27.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3499.98	3543		
50	QPSK	1	1	25.60	25.47	25.44	27.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.51	25.57	25.57	27.0	0.0
Channel				631000	633332	635665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3499.98	3539.99		
30	QPSK	1	1	25.64	25.58	25.43	27.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3499.98	3549		
20	QPSK	1	1	25.58	25.58	25.53	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	16.31	16.12	15.86	17.5	0.0
100	PI/2-BPSK	1	137	16.18	16.11	15.76		
100	PI/2-BPSK	1	271	16.21	16.21	15.75		
100	PI/2-BPSK	135	0	16.11	16.13	15.80	17.5	0.0
100	PI/2-BPSK	135	69	16.29	16.33	15.73	17.5	0.0
100	PI/2-BPSK	135	138	16.22	16.08	15.49	17.5	0.0
100	PI/2-BPSK	270	0	16.16	16.04	15.64		
100	QPSK	1	1	16.47	16.27	15.79	17.5	0.0
100	QPSK	1	137	16.12	16.09	15.67		
100	QPSK	1	271	16.16	16.17	15.49		
100	QPSK	135	0	16.21	16.18	15.69	17.5	0.0
100	QPSK	135	69	16.34	16.05	15.58		
100	QPSK	135	138	16.19	16.07	15.60		
100	QPSK	270	0	16.21	16.17	15.49	17.5	0.0
100	16QAM	1	1	16.21	16.25	15.75	17.5	0.0
100	64QAM	1	1	16.05	15.87	15.43	17.5	0.0
100	256QAM	1	1	16.28	16.21	15.63	17.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	16.41	16.17	15.74	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	16.31	16.26	15.66	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	16.34	16.20	15.74	17.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	16.29	16.23	15.72	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	16.45	16.17	15.72	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	16.39	16.12	15.73	17.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	16.34	16.21	15.76	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	16.32	16.13	15.75	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	19.15	19.05	18.89	20.5	0.0
100	PI/2-BPSK	1	137	19.16	19.06	18.66		
100	PI/2-BPSK	1	271	19.22	19.07	18.64		
100	PI/2-BPSK	135	0	19.15	19.03	18.83	20.5	0.0
100	PI/2-BPSK	135	69	19.19	19.00	18.60	20.5	0.0
100	PI/2-BPSK	135	138	19.17	18.88	18.70	20.5	0.0
100	PI/2-BPSK	270	0	19.25	18.97	18.68		
100	QPSK	1	1	19.33	19.20	19.00	20.5	0.0
100	QPSK	1	137	19.20	18.94	18.71		
100	QPSK	1	271	19.15	19.03	18.92		
100	QPSK	135	0	19.22	19.00	18.74	20.5	0.0
100	QPSK	135	69	19.15	18.98	18.64		
100	QPSK	135	138	19.16	18.91	18.75		
100	QPSK	270	0	19.36	18.93	18.77	20.5	0.0
100	16QAM	1	1	19.20	18.92	18.64	20.5	0.0
100	64QAM	1	1	19.19	18.94	18.68	20.5	0.0
100	256QAM	1	1	19.11	18.98	18.77	20.5	0.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	19.25	19.06	18.68	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	19.19	19.07	18.80	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	19.17	19.16	18.87	20.5	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	19.19	19.06	18.88	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	19.29	19.17	18.88	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	19.23	19.02	18.93	20.5	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3738.02	3840.00	3941.98		
30	QPSK	1	1	19.32	19.11	18.84	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3944.99		
20	QPSK	1	1	19.21	19.06	18.88	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		16.55		17.5	0.0
100	PI/2-BPSK	1	137		16.53			
100	PI/2-BPSK	1	271		16.64			
100	PI/2-BPSK	135	0		16.50		17.5	0.0
100	PI/2-BPSK	135	69		16.53		17.5	0.0
100	PI/2-BPSK	135	138		16.37		17.5	0.0
100	PI/2-BPSK	270	0		16.61			
100	QPSK	1	1		16.72		17.5	0.0
100	QPSK	1	137		16.42			
100	QPSK	1	271		16.44			
100	QPSK	135	0		16.48		17.5	0.0
100	QPSK	135	69		16.57			
100	QPSK	135	138		16.51			
100	QPSK	270	0		16.53		17.5	0.0
100	16QAM	1	1		16.46		17.5	0.0
100	64QAM	1	1		16.27		17.5	0.0
100	256QAM	1	1		16.46		17.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	16.57	16.71	16.49	17.5	0.0
Channel				631668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3484.02	3499.98	3515		
80	QPSK	1	1	16.55	16.70	16.62	17.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.01	3499.98	3514.98		
70	QPSK	1	1	16.71	16.71	16.57	17.5	0.0
Channel				632500	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3514.99		
60	QPSK	1	1	16.49	16.62	16.42	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.62	16.57	16.55	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.62	16.71	16.62	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.57	16.44	16.63	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.69	16.55	16.71	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		19.60		20.5	0.0
100	PI/2-BPSK	1	137		19.56			
100	PI/2-BPSK	1	271		19.63			
100	PI/2-BPSK	135	0		19.69		20.5	0.0
100	PI/2-BPSK	135	69		19.62		20.5	0.0
100	PI/2-BPSK	135	138		19.62		20.5	0.0
100	PI/2-BPSK	270	0		19.68			
100	QPSK	1	1		19.67		20.5	0.0
100	QPSK	1	137		19.63			
100	QPSK	1	271		19.73			
100	QPSK	135	0		19.75		20.5	0.0
100	QPSK	135	69		19.63			
100	QPSK	135	138		19.60			
100	QPSK	270	0		19.66		20.5	0.0
100	16QAM	1	1		19.72		20.5	0.0
100	64QAM	1	1		19.52		20.5	0.0
100	256QAM	1	1		19.77		20.5	0.0
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
90	QPSK	1	1	19.84	19.67	19.60	20.5	0.0
Channel				631668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3484.02	3499.98	3515		
80	QPSK	1	1	19.87	19.67	19.63	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.01	3499.98	3514.98		
70	QPSK	1	1	19.84	19.90	19.67	20.5	0.0
Channel				632500	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3514.99		
60	QPSK	1	1	19.84	19.62	19.45	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.82	19.69	19.93	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.96	19.68	19.95	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.87	19.83	19.82	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.95	19.81	19.81	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	20.64	20.35	19.65	22.0	0.0
100	PI/2-BPSK	1	137	20.71	20.39	19.65		
100	PI/2-BPSK	1	271	20.67	20.35	19.84		
100	PI/2-BPSK	135	0	20.53	20.20	19.63	22.0	0.0
100	PI/2-BPSK	135	69	20.63	20.28	19.74	22.0	0.0
100	PI/2-BPSK	135	138	20.67	20.28	19.67	22.0	0.0
100	PI/2-BPSK	270	0	20.69	20.22	19.58		
100	QPSK	1	1	20.74	20.63	20.00	22.0	0.0
100	QPSK	1	137	20.69	20.19	19.74		
100	QPSK	1	271	20.63	20.33	19.93		
100	QPSK	135	0	20.47	20.20	19.63	22.0	0.0
100	QPSK	135	69	20.69	20.30	19.75		
100	QPSK	135	138	20.62	20.21	19.64		
100	QPSK	270	0	20.64	20.20	19.74	22.0	0.0
100	16QAM	1	1	20.65	20.50	20.11	22.0	0.0
100	64QAM	1	1	20.55	20.24	19.65	21.0	1.0
100	256QAM	1	1	18.61	18.69	18.10	19.0	3.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	20.47	20.49	19.97	22.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	20.81	20.42	19.89	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	20.68	20.48	19.95	22.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	20.68	20.41	19.93	22.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	20.67	20.39	19.95	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	20.64	20.49	19.98	22.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840.00	3940.98		
30	QPSK	1	1	20.63	20.30	19.97	22.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3943.99		
20	QPSK	1	1	20.68	20.36	19.99	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2-BPSK	1	1	23.35	23.27	23.03	25.0	0.0
100	PI/2-BPSK	1	137	23.67	23.33	23.19		
100	PI/2-BPSK	1	271	23.63	23.35	23.08		
100	PI/2-BPSK	135	0	23.34	23.21	23.09	25.0	0.0
100	PI/2-BPSK	135	69	23.45	23.30	23.08	25.0	0.0
100	PI/2-BPSK	135	138	23.57	23.32	23.16	25.0	0.0
100	PI/2-BPSK	270	0	23.57	23.32	23.07		
100	QPSK	1	1	23.69	23.51	23.20	25.0	0.0
100	QPSK	1	137	23.53	23.29	23.05		
100	QPSK	1	271	23.49	23.24	23.13		
100	QPSK	135	0	23.37	23.19	23.02	25.0	0.0
100	QPSK	135	69	23.65	23.22	23.07		
100	QPSK	135	138	23.52	23.28	23.14		
100	QPSK	270	0	23.37	23.20	23.05	25.0	0.0
100	16QAM	1	1	23.52	23.16	23.06	25.0	0.0
100	64QAM	1	1	22.43	22.08	22.01	24.0	1.0
100	256QAM	1	1	20.65	20.56	20.29	22.0	3.0
Channel				649666	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3840	3930.98		
90	QPSK	1	1	23.58	23.44	23.01	25.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3933.99		
80	QPSK	1	1	23.68	23.38	23.04	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3840	3935		
70	QPSK	1	1	23.58	23.33	23.03	25.0	0.0
Channel				648666	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840	3936.98		
60	QPSK	1	1	23.57	23.38	23.05	25.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
50	QPSK	1	1	23.64	23.33	23.03	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740	3840	3940		
40	QPSK	1	1	23.60	23.48	23.04	25.0	0.0
Channel				647666	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3840.00	3940.98		
30	QPSK	1	1	23.66	23.48	23.03	25.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3840	3943.99		
20	QPSK	1	1	23.55	23.38	23.02	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2-BPSK	1	1		21.26		22.0	0.0
100	PI/2-BPSK	1	137		21.25			
100	PI/2-BPSK	1	271		21.21			
100	PI/2-BPSK	135	0		21.27		22.0	0.0
100	PI/2-BPSK	135	69		21.19		22.0	0.0
100	PI/2-BPSK	135	138		21.13		22.0	0.0
100	PI/2-BPSK	270	0		21.19			
100	QPSK	1	1		21.39		22.0	0.0
100	QPSK	1	137		21.27			
100	QPSK	1	271		21.22			
100	QPSK	135	0		21.03		22.0	0.0
100	QPSK	135	69		21.24			
100	QPSK	135	138		21.22			
100	QPSK	270	0		21.19		22.0	0.0
100	16QAM	1	1		21.20		22.0	0.0
100	64QAM	1	1		20.08		21.0	1.0
100	256QAM	1	1		18.83		19.0	3.0
Channel				632000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3484.98		
90	QPSK	1	1	21.24	21.23	21.22	22.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3466.98	3533		
80	QPSK	1	1	21.26	21.23	21.25	22.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3474.98		
70	QPSK	1	1	21.19	21.23	21.23	22.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3518.98		
60	QPSK	1	1	21.24	21.25	21.22	22.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3466.98	3500		
50	QPSK	1	1	21.18	21.27	21.28	22.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3525.98		
40	QPSK	1	1	21.30	21.35	21.26	22.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3518.98		
30	QPSK	1	1	21.34	21.32	21.31	22.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3466.98	3540		
20	QPSK	1	1	21.30	21.35	21.21	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3466.98			
100	PI/2-BPSK	1	1		24.17		25.0	0.0
100	PI/2-BPSK	1	137		24.14			
100	PI/2-BPSK	1	271		24.28			
100	PI/2-BPSK	135	0		24.01		25.0	0.0
100	PI/2-BPSK	135	69		24.07		25.0	0.0
100	PI/2-BPSK	135	138		23.66		25.0	0.0
100	PI/2-BPSK	270	0		24.27			
100	QPSK	1	1		24.30		25.0	0.0
100	QPSK	1	137		24.01			
100	QPSK	1	271		23.98			
100	QPSK	135	0		24.12		25.0	0.0
100	QPSK	135	69		24.13			
100	QPSK	135	138		24.10			
100	QPSK	270	0		24.19		25.0	0.0
100	16QAM	1	1		24.21		25.0	0.0
100	64QAM	1	1		22.62		24.0	1.0
100	256QAM	1	1		21.28		22.0	3.0
Channel				632000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3484.98		
90	QPSK	1	1	24.21	24.13	24.19	25.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3482.02	3466.98	3533		
80	QPSK	1	1	24.22	24.25	24.15	25.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3466.98	3474.98		
70	QPSK	1	1	24.12	24.26	24.15	25.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3518.98		
60	QPSK	1	1	24.12	24.25	24.28	25.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.02	3466.98	3500		
50	QPSK	1	1	24.19	24.13	24.14	25.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3466.98	3525.98		
40	QPSK	1	1	24.20	24.27	24.13	25.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3466.98	3518.98		
30	QPSK	1	1	24.28	24.27	24.29	25.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3450.02	3466.98	3540		
20	QPSK	1	1	24.13	24.16	24.28	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3700			
100	PI/2-BPSK	1	1		23.18		24.0	0.0
100	PI/2-BPSK	1	137		23.31			
100	PI/2-BPSK	1	271		23.32			
100	PI/2-BPSK	135	0		23.15		23.5	0.5
100	PI/2-BPSK	135	69		23.28		24.0	0.0
100	PI/2-BPSK	135	138		23.07		23.5	0.5
100	PI/2-BPSK	270	0		23.16			
100	QPSK	1	1		23.33		24.0	0.0
100	QPSK	1	137		23.22			
100	QPSK	1	271		23.12			
100	QPSK	135	0		23.13		24.0	0.0
100	QPSK	135	69		23.15			
100	QPSK	135	138		20.83			
100	QPSK	270	0		21.65		23.0	1.0
100	16QAM	1	1		21.76		23.0	1.0
100	64QAM	1	1		20.45		21.5	2.5
100	256QAM	1	1		16.45		19.5	4.5
Channel				649666	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3749.02	3750	3750.98		
90	QPSK	1	1	23.11	23.13	23.08	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3746.01	3750	3753.99		
80	QPSK	1	1	23.12	23.22	23.09	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745	3750	3755		
70	QPSK	1	1	23.02	23.23	23.01	24.0	0.0
Channel				648666	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3743.02	3750	3756.98		
60	QPSK	1	1	22.98	23.19	23.12	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
50	QPSK	1	1	23.00	23.21	23.03	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
40	QPSK	1	1	23.02	23.16	23.04	24.0	0.0
Channel				647666	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3731.02	3750.00	3768.98		
30	QPSK	1	1	22.99	23.29	22.98	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3729.01	3750	3770.99		
20	QPSK	1	1	23.12	23.19	22.99	24.0	0.0

Part27Q n78_FCC Ant_5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2-BPSK	1	1		23.12		24.0	0.0
100	PI/2-BPSK	1	137		23.14			
100	PI/2-BPSK	1	271		22.99			
100	PI/2-BPSK	135	0		22.78		23.5	0.5
100	PI/2-BPSK	135	69		22.75		24.0	0.0
100	PI/2-BPSK	135	138		21.78		23.5	0.5
100	PI/2-BPSK	270	0		21.54			
100	QPSK	1	1		23.55		24.0	0.0
100	QPSK	1	137		23.22			
100	QPSK	1	271		23.24			
100	QPSK	135	0		23.15		24.0	0.0
100	QPSK	135	69		23.28			
100	QPSK	135	138		22.71			
100	QPSK	270	0		22.77		23.0	1.0
100	16QAM	1	1		21.66		23.0	1.0
100	64QAM	1	1		19.84		21.5	2.5
100	256QAM	1	1		16.44		19.5	4.5
Channel				633000	633333	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498	2499.99	2501.98		
90	QPSK	1	1	23.28	23.34	23.32	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2495.02	2499.98	3505		
80	QPSK	1	1	23.22	23.32	23.31	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2492.01	2499.98	3504.98		
70	QPSK	1	1	23.33	23.29	23.21	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2490	2499.98	3504.98		
60	QPSK	1	1	23.19	23.28	23.28	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3505		
50	QPSK	1	1	23.24	23.28	23.23	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3474.01	3499.98	3504.98		
40	QPSK	1	1	23.25	23.26	23.28	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2490	2499.98	3504.98		
30	QPSK	1	1	23.32	23.31	23.25	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.19	23.20	23.31	24.0	0.0

<WLAN 2.4GHz_FCC>

Ant 6				Full Power		For Head Standalone		For Head Simultaneous		For Body worn Standalone		For Body worn Simultaneous		For Extremity Standalone		For Extremity Simultaneous		For Hotspot Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.62	22.00	18.42	20.00	13.91	15.50	18.42	20.00	12.63	14.00	20.62	22.00	16.23	17.50	12.63	14.00	100.00
		6	2437	20.56	22.00	18.64	20.00	14.21	15.50	18.64	20.00	13.17	14.00	20.56	22.00	16.45	17.50	13.17	14.00	
		11	2462	20.73	22.00	18.96	20.00	14.53	15.50	18.96	20.00	13.23	14.00	20.73	22.00	16.72	17.50	13.23	14.00	
	802.11g 6Mbps	1	2412	20.28	21.50	Not Required	20.00	Not Required	15.50	Not Required	20.00	Not Required	14.00	20.28	21.50	Not Required	17.50	Not Required	14.00	98.61
		6	2437	20.92	22.00		20.00		15.50		20.00		14.00	20.92	22.00		17.50		14.00	
		11	2462	20.72	22.00		20.00		15.50		20.00		14.00	20.72	22.00		17.50		14.00	
	802.11n-HT20 MCS0	1	2412	18.94	20.50		20.00		15.50		20.00		14.00	18.94	20.50		17.50		14.00	97.78
		6	2437	20.68	22.00		20.00		15.50		20.00		14.00	20.68	22.00		17.50		14.00	
		11	2462	20.66	22.00		20.00		15.50		20.00		14.00	20.66	22.00		17.50		14.00	
	802.11n-HT40 MCS0	3	2422	16.96	17.50		17.50		15.50		17.50		14.00	16.96	17.50		17.50		14.00	94.89
		6	2437	20.94	22.00		20.00		15.50		20.00		14.00	20.94	22.00		17.50		14.00	
		9	2452	20.97	22.00		20.00		15.50		20.00		14.00	20.97	22.00		17.50		14.00	

<WLAN 5GHz_FCC>

Ant 6				Full Power		For Head Standalone		For Head Simultaneous		For Body worn Standalone		For Body worn Simultaneous		For Extremity Standalone		For Extremity Simultaneous		For Hotspot Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	20.05	21.50	20.05	21.50	Not Required	17.50	Not Required	16.50	Not Required	12.50	20.05	21.50	Not Required	17.50	Not Required	12.50	98.26
		40	5200	20.11	21.50	20.11	21.50		17.50		16.50		12.50	20.11	21.50		17.50		12.50	
		44	5220	19.75	21.50	19.75	21.50		17.50		16.50		12.50	19.75	21.50		17.50		12.50	
		48	5240	20.00	21.50	20.00	21.50		17.50		16.50		12.50	20.00	21.50		17.50		12.50	
	802.11n-HT20 MCS0	36	5180	19.61	21.50	19.61	21.50		17.50		16.50		12.50	19.61	21.50		17.50		12.50	98.13
		40	5200	19.53	21.50	19.53	21.50		17.50		16.50		12.50	19.53	21.50		17.50		12.50	
		44	5220	19.65	21.50	19.65	21.50		17.50		16.50		12.50	19.65	21.50		17.50		12.50	
		48	5240	19.83	21.50	19.83	21.50		17.50		16.50		12.50	19.83	21.50		17.50		12.50	
	802.11n-HT40 MCS0	38	5190	19.57	21.50	19.57	21.50		17.50		16.50		12.50	19.57	21.50		17.50		12.50	96.30
		46	5230	19.67	21.50	19.67	21.50		17.50		16.50		12.50	19.67	21.50		17.50		12.50	
	802.11ac-VHT20 MCS0	36	5180	19.83	21.50	19.83	21.50		17.50		16.50		12.50	19.83	21.50		17.50		12.50	98.15
		40	5200	19.80	21.50	19.80	21.50		17.50		16.50		12.50	19.80	21.50		17.50		12.50	
		44	5220	19.86	21.50	19.86	21.50		17.50		16.50		12.50	19.86	21.50		17.50		12.50	
		48	5240	20.15	21.50	20.15	21.50		17.50		16.50		12.50	20.15	21.50		17.50		12.50	
	802.11ac-VHT40 MCS0	38	5190	19.62	21.50	19.62	21.50		17.50		16.50		12.50	19.62	21.50		17.50		12.50	96.46
		46	5230	19.73	21.50	19.73	21.50		17.50		16.50		12.50	19.73	21.50		17.50		12.50	
	802.11ac-VHT80 MCS0	42	5210	18.44	20.00	18.44	20.00	15.94	17.50	14.96	16.50	10.94	12.50	18.44	20.00	15.94	17.50	10.94	12.50	92.98

Ant 6				Full Power		For Head Standalone		For Head Simultaneous		For Body worn Standalone		For Body worn Simultaneous		For Extremity Standalone		For Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.89	21.50	19.89	21.50	Not Required	17.50	Not Required	16.50	Not Required	12.50	19.89	21.50	Not Required	19.00	98.26
		56	5280	20.09	21.50	20.09	21.50		17.50		16.50		12.50	20.09	21.50		19.00	
		60	5300	20.16	21.50	20.16	21.50		17.50		16.50		12.50	20.16	21.50		19.00	
		64	5320	20.36	21.50	20.36	21.50		17.50		16.50		12.50	20.36	21.50		19.00	
	802.11n-HT20 MCS0	52	5260	19.76	21.50	19.76	21.50		17.50		16.50		12.50	19.76	21.50		19.00	98.13
		56	5280	20.11	21.50	20.11	21.50		17.50		16.50		12.50	20.11	21.50		19.00	
		60	5300	20.23	21.50	20.23	21.50		17.50		16.50		12.50	20.23	21.50		19.00	
		64	5320	19.92	21.50	19.92	21.50		17.50		16.50		12.50	19.92	21.50		19.00	
	802.11n-HT40 MCS0	54	5270	19.83	21.50	19.83	21.50		17.50		16.50		12.50	19.83	21.50		19.00	96.30
		62	5310	19.79	21.00	19.79	21.00		17.50		16.50		12.50	19.79	21.00		19.00	
	802.11ac-VHT20 MCS0	52	5260	20.14	21.50	20.14	21.50		17.50		16.50		12.50	20.14	21.50		19.00	98.15
		56	5280	20.40	21.50	20.40	21.50		17.50		16.50		12.50	20.40	21.50		19.00	
		60	5300	20.49	21.50	20.49	21.50		17.50		16.50		12.50	20.49	21.50		19.00	
		64	5320	20.22	21.50	20.22	21.50		17.50		16.50		12.50	20.22	21.50		19.00	
	802.11ac-VHT40 MCS0	54	5270	19.90	21.50	19.90	21.50		17.50		16.50		12.50	19.90	21.50		19.00	96.46
		62	5310	19.87	21.00	19.87	21.00		17.50		16.50		12.50	19.87	21.00		19.00	
	802.11ac-VHT80 MCS0	58	5290	19.15	20.00	19.15	20.00	16.09	17.50	15.09	16.50	10.97	12.50	19.15	20.00	17.28	19.00	92.98

Ant 6				Full Power		For Head Standalone		For Head Simultaneous		For Body worn Standalone		For Body worn Simultaneous		For Extremity Standalone		For Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	19.99	21.50	19.99	21.50	Not Required	19.00	Not Required	16.50	Not Required	12.50	19.99	21.50	Not Required	18.50	98.26
		116	5580	20.17	21.50	20.17	21.50		19.00		16.50		12.50	20.17	21.50		18.50	
		124	5620	20.21	21.50	20.21	21.50		19.00		16.50		12.50	20.21	21.50		18.50	
		132	5660	20.11	21.50	20.11	21.50		19.00		16.50		12.50	20.11	21.50		18.50	
		140	5700	19.63	21.50	19.63	21.50		19.00		16.50		12.50	19.63	21.50		18.50	
		144	5720	19.85	21.50	19.85	21.50		19.00		16.50		12.50	19.85	21.50		18.50	
	802.11n-HT20 MCS0	100	5500	19.83	21.50	19.83	21.50		19.00		16.50		12.50	19.83	21.50		18.50	98.13
		116	5580	20.36	21.50	20.36	21.50		19.00		16.50		12.50	20.36	21.50		18.50	
		124	5620	20.23	21.50	20.23	21.50		19.00		16.50		12.50	20.23	21.50		18.50	
		132	5660	20.01	21.50	20.01	21.50		19.00		16.50		12.50	20.01	21.50		18.50	
		140	5700	19.17	21.00	19.17	21.00		19.00		16.50		12.50	19.17	21.00		18.50	
		144	5720	19.63	21.50	19.63	21.50		19.00		16.50		12.50	19.63	21.50		18.50	
	802.11n-HT40 MCS0	102	5510	19.73	21.50	19.73	21.50		19.00		16.50		12.50	19.73	21.50		18.50	96.30
		110	5550	20.12	21.50	20.12	21.50		19.00		16.50		12.50	20.12	21.50		18.50	
		126	5630	20.35	21.50	20.35	21.50		19.00		16.50		12.50	20.35	21.50		18.50	
		134	5670	19.85	21.50	19.85	21.50		19.00		16.50		12.50	19.85	21.50		18.50	
		142	5710	19.36	21.00	19.36	21.00		19.00		16.50		12.50	19.36	21.00		18.50	
	802.11ac-VHT20 MCS0	100	5500	20.12	21.50	20.12	21.50		19.00		16.50		12.50	20.12	21.50		18.50	98.15
		116	5580	20.59	21.50	20.59	21.50		19.00		16.50		12.50	20.59	21.50		18.50	
		124	5620	20.47	21.50	20.47	21.50		19.00		16.50		12.50	20.47	21.50		18.50	
		132	5660	20.29	21.50	20.29	21.50		19.00		16.50		12.50	20.29	21.50		18.50	
		140	5700	19.36	21.00	19.36	21.00		19.00		16.50		12.50	19.36	21.00		18.50	
		144	5720	19.66	21.50	19.66	21.50		19.00		16.50		12.50	19.66	21.50		18.50	
	802.11ac-VHT40 MCS0	102	5510	19.79	21.50	19.79	21.50		19.00		16.50		12.50	19.79	21.50		18.50	96.46
		110	5550	20.19	21.50	20.19	21.50		19.00		16.50		12.50	20.19	21.50		18.50	
		126	5630	20.44	21.50	20.44	21.50		19.00		16.50		12.50	20.44	21.50		18.50	
		134	5670	19.89	21.50	19.89	21.50		19.00		16.50		12.50	19.89	21.50		18.50	
		142	5710	19.42	21.00	19.42	21.00		19.00		16.50		12.50	19.42	21.00		18.50	
	802.11ac-VHT80 MCS0	106	5530	18.39	20.00	18.39	20.00	17.58	19.00	14.74	16.50	11.31	12.50	18.39	20.00	17.27	18.50	92.98
		122	5610	19.05	20.00	19.05	20.00	17.66	19.00	14.84	16.50	11.38	12.50	19.05	20.00	17.30	18.50	
		138	5690	18.44	20.00	18.44	20.00	17.59	19.00	14.76	16.50	11.14	12.50	18.44	20.00	16.89	18.50	

Ant 6				Full Power		For Head Standalone		For Head Simultaneous		For Body worn Standalone		For Body worn Simultaneous		For Extremity Standalone		For Extremity Simultaneous		For Hotspot Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.83	21.50	19.83	21.50	Not Required	19.00	Not Required	19.00	Not Required	13.00	19.83	21.50	Not Required	17.50	Not Required	13.00	98.26
		157	5785	19.76	21.50	19.76	21.50		19.00		19.00		13.00	19.76	21.50		17.50		13.00	
		165	5825	19.80	21.50	19.80	21.50		19.00		19.00		13.00	19.80	21.50		17.50		13.00	
	802.11n-HT20 MCS0	149	5745	19.65	21.50	19.65	21.50		19.00		19.00		13.00	19.65	21.50		17.50		13.00	98.13
		157	5785	19.59	21.50	19.59	21.50		19.00		19.00		13.00	19.59	21.50		17.50		13.00	
		165	5825	19.64	21.50	19.64	21.50		19.00		19.00		13.00	19.64	21.50		17.50		13.00	
	802.11n-HT40 MCS0	151	5755	19.34	21.00	19.34	21.00		19.00		19.00		13.00	19.34	21.00		17.50		13.00	96.30
		159	5795	19.81	21.50	19.81	21.50		19.00		19.00		13.00	19.81	21.50		17.50		13.00	
	802.11ac-VHT20 MCS0	149	5745	19.72	21.50	19.72	21.50		19.00		19.00		13.00	19.72	21.50		17.50		13.00	98.15
		157	5785	19.62	21.50	19.62	21.50		19.00		19.00		13.00	19.62	21.50		17.50		13.00	
		165	5825	19.69	21.50	19.69	21.50		19.00		19.00		13.00	19.69	21.50		17.50		13.00	
	802.11ac-VHT40 MCS0	151	5755	19.39	21.00	19.39	21.00		19.00		19.00		13.00	19.39	21.00		17.50		13.00	96.46
		159	5795	19.89	21.50	19.89	21.50		19.00		19.00		13.00	19.89	21.50		17.50		13.00	
	802.11ac-VHT80 MCS0	155	5775	18.21	20.00	18.21	20.00	17.60	19.00	17.60	19.00	11.44	13.00	18.21	20.00	16.18	17.50	11.44	13.00	92.98

BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	11.17	11.25	11.61	9.30	9.06	8.90	9.28	9.10	8.87	**12.50**
	CH 39	2441	11.04	11.09	11.16	8.70	8.27	8.10	8.75	8.32	8.13	
	CH 78	2480	10.52	10.71	10.80	8.48	8.02	7.84	8.45	8.05	7.85	

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			LE
LE	CH 00	2402	2.96
	CH 19	2440	2.64
	CH 39	2480	2.73
Tune-up Limit			4

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			LE
LE	CH 00	2402	2.70
	CH 19	2440	2.53
	CH 39	2480	2.46
Tune-up Limit			4