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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	23.27	23.35	23.18	24.8	0
20	QPSK	1	49	23.08	23.25	23.16		
20	QPSK	1	99	23.18	23.19	23.13		
20	QPSK	50	0	22.49	22.50	22.43	23.8	1
20	QPSK	50	24	22.40	22.45	22.32		
20	QPSK	50	50	22.47	22.47	22.38		
20	QPSK	100	0	22.35	22.52	22.51		
20	16QAM	1	0	22.36	22.55	22.37	23.8	1
20	16QAM	1	49	22.37	22.51	22.46		
20	16QAM	1	99	22.29	22.47	22.44		
20	16QAM	50	0	21.33	21.52	21.51	22.8	2
20	16QAM	50	24	21.48	21.48	21.39		
20	16QAM	50	50	21.43	21.46	21.44		
20	16QAM	100	0	21.37	21.42	21.29		
20	64QAM	1	0	21.59	21.60	21.56	22.8	2
20	64QAM	1	49	21.61	21.62	21.56		
20	64QAM	1	99	21.36	21.55	21.46		
20	64QAM	50	0	20.43	20.56	20.40	21.8	3
20	64QAM	50	24	20.34	20.51	20.44		
20	64QAM	50	50	20.34	20.47	20.47		
20	64QAM	100	0	20.30	20.43	20.40		
20	256QAM	1	0	18.54	18.62	18.56	19.8	5
20	256QAM	1	49	18.41	18.60	18.48		
20	256QAM	1	99	18.52	18.55	18.52		
20	256QAM	50	0	18.26	18.45	18.31	19.8	5
20	256QAM	50	24	18.32	18.41	18.26		
20	256QAM	50	50	18.35	18.38	18.36		
20	256QAM	100	0	18.26	18.42	18.35		
Channel				132047	132322	132597	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	0	23.15	23.30	23.08	24.8	0
15	QPSK	1	37	22.96	23.06	23.13		
15	QPSK	1	74	23.13	23.13	23.08		
15	QPSK	36	0	22.48	22.44	22.40	23.8	1
15	QPSK	36	20	22.21	22.37	22.17		
15	QPSK	36	39	22.37	22.41	22.35		
15	QPSK	75	0	22.28	22.36	22.35		
15	16QAM	1	0	22.19	22.38	22.37	23.8	1
15	16QAM	1	37	22.33	22.50	22.43		
15	16QAM	1	74	22.22	22.32	22.31		
15	16QAM	36	0	21.31	21.44	21.49	22.8	2
15	16QAM	36	20	21.44	21.41	21.35		
15	16QAM	36	39	21.34	21.46	21.35		
15	16QAM	75	0	21.18	21.26	21.10		
15	64QAM	1	0	21.46	21.54	21.43	22.8	2
15	64QAM	1	37	21.44	21.59	21.39		
15	64QAM	1	74	21.30	21.42	21.40		
15	64QAM	36	0	20.39	20.50	20.36	21.8	3
15	64QAM	36	20	20.33	20.38	20.43		
15	64QAM	36	39	20.28	20.40	20.41		
15	64QAM	75	0	20.17	20.38	20.27		
15	256QAM	1	0	18.38	18.54	18.40	19.8	5
15	256QAM	1	37	18.22	18.46	18.29		
15	256QAM	1	74	18.33	18.41	18.33		
15	256QAM	36	0	18.15	18.28	18.20	19.8	5
15	256QAM	36	20	18.15	18.36	18.09		
15	256QAM	36	39	18.22	18.25	18.23		
15	256QAM	75	0	18.20	18.33	18.29		
Channel				132022	132322	132622	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	0	23.22	23.25	23.16	24.8	0
10	QPSK	1	25	23.03	23.18	23.11		
10	QPSK	1	49	22.99	23.06	23.10		
10	QPSK	25	0	22.47	22.46	22.34	23.8	1
10	QPSK	25	12	22.25	22.33	22.18		
10	QPSK	25	25	22.33	22.43	22.25		
10	QPSK	50	0	22.31	22.50	22.43		
10	16QAM	1	0	22.29	22.48	22.18	23.8	1
10	16QAM	1	25	22.33	22.41	22.39		
10	16QAM	1	49	22.27	22.33	22.35		
10	16QAM	25	0	21.29	21.40	21.47	22.8	2
10	16QAM	25	12	21.41	21.41	21.32		
10	16QAM	25	25	21.24	21.45	21.25		
10	16QAM	50	0	21.35	21.37	21.27		
10	64QAM	1	0	21.53	21.45	21.50	22.8	2
10	64QAM	1	25	21.55	21.54	21.50		
10	64QAM	1	49	21.32	21.39	21.42		
10	64QAM	25	0	20.39	20.40	20.36	21.8	3
10	64QAM	25	12	20.25	20.33	20.35		
10	64QAM	25	25	20.30	20.38	20.43		
10	64QAM	50	0	20.25	20.42	20.35		
10	256QAM	1	0	18.54	18.59	18.56	19.8	5
10	256QAM	1	25	18.34	18.55	18.41		
10	256QAM	1	49	18.41	18.38	18.41		
10	256QAM	25	0	18.12	18.43	18.17	19.8	5
10	256QAM	25	12	18.26	18.31	18.20		
10	256QAM	25	25	18.28	18.32	18.29		
10	256QAM	50	0	18.23	18.24	18.32		
Channel				131997	132322	132647	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	0	23.13	23.27	23.16	24.8	0
5	QPSK	1	12	22.95	23.07	23.09		
5	QPSK	1	24	23.11	23.11	23.06		
5	QPSK	12	0	22.36	22.33	22.42	23.8	1
5	QPSK	12	7	22.39	22.41	22.16		
5	QPSK	12	13	22.28	22.29	22.20		
5	QPSK	25	0	22.29	22.47	22.43		
5	16QAM	1	0	22.27	22.46	22.19	23.8	1
5	16QAM	1	12	22.21	22.49	22.44		
5	16QAM	1	24	22.12	22.47	22.36		
5	16QAM	12	0	21.21	21.51	21.39	22.8	2
5	16QAM	12	7	21.36	21.36	21.27		
5	16QAM	12	13	21.25	21.31	21.26		
5	16QAM	25	0	21.36	21.24	21.28		
5	64QAM	1	0	21.47	21.43	21.44	22.8	2
5	64QAM	1	12	21.47	21.46	21.42		
5	64QAM	1	24	21.26	21.45	21.36		
5	64QAM	12	0	20.30	20.40	20.27	21.8	3
5	64QAM	12	7	20.16	20.41	20.26		
5	64QAM	12	13	20.28	20.46	20.41		
5	64QAM	25	0	20.22	20.33	20.32		
5	256QAM	1	0	18.41	18.45	18.43	19.8	5
5	256QAM	1	12	18.22	18.49	18.29		
5	256QAM	1	24	18.43	18.39	18.43		
5	256QAM	12	0	18.12	18.31	18.17	19.8	5
5	256QAM	12	7	18.14	18.24	18.08		
5	256QAM	12	13	18.23	18.34	18.24		
5	256QAM	25	0	18.09	18.38	18.18		
Channel				131987	132322	132657	Tune-up limit	MPR
Frequency (MHz)				1711.5	1745	1778.5	(dBm)	(dB)
3	QPSK	1	0	23.27	23.27	23.17	24.8	0
3	QPSK	1	8	22.91	23.10	23.00		
3	QPSK	1	14	23.15	23.08	23.08		
3	QPSK	8	0	22.36	22.44	22.33	23.8	1
3	QPSK	8	4	22.36	22.38	22.14		
3	QPSK	8	7	22.39	22.29	22.27		
3	QPSK	15	0	22.27	22.33	22.39		
3	16QAM	1	0	22.25	22.39	22.21	23.8	1
3	16QAM	1	8	22.22	22.49	22.32		
3	16QAM	1	14	22.20	22.33	22.27		
3	16QAM	8	0	21.29	21.36	21.47	22.8	2
3	16QAM	8	4	21.36	21.45	21.27		
3	16QAM	8	7	21.35	21.46	21.36		
3	16QAM	15	0	21.27	21.42	21.19		
3	64QAM	1	0	21.45	21.41	21.42	22.8	2
3	64QAM	1	8	21.45	21.54	21.40		
3	64QAM	1	14	21.19	21.53	21.29		
3	64QAM	8	0	20.41	20.53	20.38	21.8	3
3	64QAM	8	4	20.20	20.38	20.30		
3	64QAM	8	7	20.16	20.47	20.29		
3	64QAM	15	0	20.18	20.41	20.28		
3	256QAM	1	0	18.38	18.58	18.40	19.8	5
3	256QAM	1	8	18.23	18.60	18.30		
3	256QAM	1	14	18.49	18.36	18.49		
3	256QAM	8	0	18.24	18.44	18.29	19.8	5
3	256QAM	8	4	18.20	18.30	18.14		
3	256QAM	8	7	18.35	18.33	18.36		
3	256QAM	15	0	18.14	18.35	18.23		
Channel				131979	132322	132665	Tune-up limit	MPR
Frequency (MHz)				1710.7	1745	1779.3	(dBm)	(dB)
1.4	QPSK	1	0	23.12	23.25	23.16	24.8	0
1.4	QPSK	1	3	23.01	23.17	23.05		
1.4	QPSK	1	5	23.01	23.13	23.06		
1.4	QPSK	3	0	22.99	22.91	22.91		
1.4	QPSK	3	1	22.96	22.90	22.83		
1.4	QPSK	3	3	22.90	23.06	22.94		
1.4	QPSK	6	0	22.17	22.49	22.43	23.8	1
1.4	16QAM	1	0	22.20	22.41	22.34	23.8	1
1.4	16QAM	1	3	22.22	22.44	22.35		
1.4	16QAM	1	5	22.11	22.47	22.36		
1.4	16QAM	3	0	22.27	22.41	22.45		
1.4	16QAM	3	1	22.40	22.32	22.31		
1.4	16QAM	3	3	22.41	22.29	22.42		
1.4	16QAM	6	0	21.24	21.28	21.16	22.8	2
1.4	64QAM	1	0	21.45	21.50	21.42	22.8	2
1.4	64QAM	1	3	21.60	21.60	21.55		
1.4	64QAM	1	5	21.31	21.54	21.41		
1.4	64QAM	3	0	21.32	21.40	21.29		
1.4	64QAM	3	1	21.26	21.36	21.36		
1.4	64QAM	3	3	21.30	21.35	21.43		
1.4	64QAM	6	0	20.19	20.43	20.29	21.8	3
1.4	256QAM	1	0	18.47	18.46	18.49	19.8	5
1.4	256QAM	1	3	18.37	18.44	18.44		
1.4	256QAM	1	5	18.45	18.45	18.45		
1.4	256QAM	3	0	18.23	18.27	18.28		
1.4	256QAM	3	1	18.28	18.29	18.22		
1.4	256QAM	3	3	18.20	18.31	18.21		
1.4	256QAM	6	0	18.24	18.42	18.33	19.8	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	21.08	21.13	20.98	22.3	0
20	QPSK	1	49	20.91	21.03	20.94		
20	QPSK	1	99	20.77	20.95	20.85		
20	QPSK	50	0	20.83	21.02	20.83	22.3	0
20	QPSK	50	24	20.80	20.95	20.76		
20	QPSK	50	50	20.79	20.99	20.85		
20	QPSK	100	0	20.76	20.96	20.84		
20	16QAM	1	0	20.92	21.06	20.97	22.3	0
20	16QAM	1	49	20.91	21.08	20.97		
20	16QAM	1	99	20.87	21.02	20.83		
20	16QAM	50	0	20.95	20.97	20.87	22.3	0
20	16QAM	50	24	20.88	21.03	20.97		
20	16QAM	50	50	21.01	21.06	20.93		
20	16QAM	100	0	21.08	21.10	21.06		
20	64QAM	1	0	21.00	20.94	20.83	22.3	0
20	64QAM	1	49	20.89	21.05	20.90		
20	64QAM	1	99	20.96	21.06	20.94		
20	64QAM	50	0	20.03	20.13	20.07	21.3	1
20	64QAM	50	24	20.08	20.14	20.10		
20	64QAM	50	50	20.21	20.21	20.15		
20	64QAM	100	0	20.05	20.16	20.14		
20	256QAM	1	0	17.85	17.95	17.82	19.3	3
20	256QAM	1	49	17.78	17.93	17.82		
20	256QAM	1	99	17.86	17.95	17.83		
20	256QAM	50	0	17.83	17.89	17.81	19.3	3
20	256QAM	50	24	17.90	17.96	17.83		
20	256QAM	50	50	17.77	17.84	17.80		
20	256QAM	100	0	17.81	17.88	17.73		
Channel				132047	132322	132597	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	0	20.96	21.05	20.94	22.3	0
15	QPSK	1	37	20.92	20.88	20.97		
15	QPSK	1	74	20.86	20.85	20.81		
15	QPSK	36	0	20.86	20.90	20.90	22.3	0
15	QPSK	36	20	20.88	20.82	20.87		
15	QPSK	36	39	20.90	20.82	20.93		
15	QPSK	75	0	20.78	20.77	20.88		
15	16QAM	1	0	20.96	20.99	20.92	22.3	0
15	16QAM	1	37	20.90	21.01	20.99		
15	16QAM	1	74	20.87	20.95	20.96		
15	16QAM	36	0	20.88	21.02	21.00	22.3	0
15	16QAM	36	20	20.87	21.01	20.96		
15	16QAM	36	39	20.91	21.02	20.92		
15	16QAM	75	0	21.00	21.02	21.00		
15	64QAM	1	0	21.01	21.07	20.90	22.3	0
15	64QAM	1	37	21.03	21.07	20.83		
15	64QAM	1	74	20.82	21.03	20.93		
15	64QAM	36	0	19.92	20.02	19.92	21.3	1
15	64QAM	36	20	20.01	20.01	19.96		
15	64QAM	36	39	20.16	20.11	20.15		
15	64QAM	75	0	19.97	20.16	20.02		
15	256QAM	1	0	17.81	17.95	17.71	19.3	3
15	256QAM	1	37	17.75	17.83	17.74		
15	256QAM	1	74	17.86	17.91	17.68		
15	256QAM	36	0	17.68	17.84	17.77	19.3	3
15	256QAM	36	20	17.86	17.86	17.81		
15	256QAM	36	39	17.75	17.80	17.78		
15	256QAM	75	0	17.77	17.73	17.58		
Channel				132022	132322	132622	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	0	21.04	21.08	20.94	22.3	0
10	QPSK	1	25	20.89	20.85	20.91		
10	QPSK	1	49	20.88	20.76	20.76		
10	QPSK	25	0	20.88	20.93	20.85	22.3	0
10	QPSK	25	12	20.75	20.85	20.80		
10	QPSK	25	25	20.88	20.79	20.93		
10	QPSK	50	0	20.90	20.89	20.76		
10	16QAM	1	0	20.97	21.01	20.86	22.3	0
10	16QAM	1	25	20.88	20.92	21.03		
10	16QAM	1	49	20.92	20.82	20.84		
10	16QAM	25	0	20.95	21.03	21.00	22.3	0
10	16QAM	25	12	20.77	20.93	20.82		
10	16QAM	25	25	20.95	20.97	20.91		
10	16QAM	50	0	21.01	21.07	21.02		
10	64QAM	1	0	20.92	21.03	20.88	22.3	0
10	64QAM	1	25	20.94	20.97	20.84		
10	64QAM	1	49	20.84	20.96	20.85		
10	64QAM	25	0	20.00	20.02	20.05	21.3	1
10	64QAM	25	12	19.95	20.03	20.01		
10	64QAM	25	25	20.07	20.20	20.13		
10	64QAM	50	0	20.01	20.11	20.04		
10	256QAM	1	0	17.83	17.82	17.78	19.3	3
10	256QAM	1	25	17.74	17.92	17.79		
10	256QAM	1	49	17.74	17.85	17.82		
10	256QAM	25	0	17.76	17.78	17.77	19.3	3
10	256QAM	25	12	17.90	17.93	17.83		
10	256QAM	25	25	17.64	17.75	17.71		
10	256QAM	50	0	17.81	17.75	17.60		
Channel				131997	132322	132647	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	0	20.99	21.08	20.95	22.3	0
5	QPSK	1	12	20.96	20.83	20.93		
5	QPSK	1	24	20.78	20.84	20.87		
5	QPSK	12	0	20.97	20.89	20.82	22.3	0
5	QPSK	12	7	20.82	20.75	20.80		
5	QPSK	12	13	20.93	20.86	20.91		
5	QPSK	25	0	20.88	20.88	20.76		
5	16QAM	1	0	20.96	20.90	21.00	22.3	0
5	16QAM	1	12	21.03	20.93	20.96		
5	16QAM	1	24	20.93	20.94	20.88		
5	16QAM	12	0	20.90	21.02	20.90	22.3	0
5	16QAM	12	7	20.85	20.99	20.87		
5	16QAM	12	13	20.94	20.92	20.81		
5	16QAM	25	0	21.05	21.09	20.92		
5	64QAM	1	0	21.00	21.05	20.87	22.3	0
5	64QAM	1	12	20.98	21.04	20.86		
5	64QAM	1	24	20.90	20.96	20.89		
5	64QAM	12	0	20.03	19.98	19.97	21.3	1
5	64QAM	12	7	19.96	20.04	19.95		
5	64QAM	12	13	20.20	20.19	20.15		
5	64QAM	25	0	19.95	20.10	20.07		
5	256QAM	1	0	17.73	17.81	17.81	19.3	3
5	256QAM	1	12	17.69	17.92	17.77		
5	256QAM	1	24	17.80	17.89	17.68		
5	256QAM	12	0	17.74	17.78	17.80	19.3	3
5	256QAM	12	7	17.79	17.89	17.79		
5	256QAM	12	13	17.63	17.84	17.77		
5	256QAM	25	0	17.78	17.83	17.73		
Channel				131987	132322	132657	Tune-up limit	MPR
Frequency (MHz)				1711.5	1745	1778.5	(dBm)	(dB)
3	QPSK	1	0	20.99	20.97	20.96	22.3	0
3	QPSK	1	8	20.87	20.84	20.88		
3	QPSK	1	14	20.79	20.83	20.77		
3	QPSK	8	0	20.92	20.83	20.86	22.3	0
3	QPSK	8	4	20.79	20.83	20.83		
3	QPSK	8	7	20.79	20.93	20.93		
3	QPSK	15	0	20.81	20.90	20.79		
3	16QAM	1	0	20.97	20.87	20.86	22.3	0
3	16QAM	1	8	20.94	20.96	20.97		
3	16QAM	1	14	20.85	20.86	20.96		
3	16QAM	8	0	21.01	21.04	20.95	22.3	0
3	16QAM	8	4	20.77	20.93	20.83		
3	16QAM	8	7	20.87	21.01	20.85		
3	16QAM	15	0	20.97	21.05	20.93		
3	64QAM	1	0	21.01	20.98	20.80	22.3	0
3	64QAM	1	8	20.95	21.06	20.83		
3	64QAM	1	14	20.94	20.91	20.80		
3	64QAM	8	0	19.92	20.09	19.94	21.3	1
3	64QAM	8	4	19.96	20.08	20.02		
3	64QAM	8	7	20.13	20.20	20.07		
3	64QAM	15	0	19.92	20.07	20.12		
3	256QAM	1	0	17.77	17.93	17.74	19.3	3
3	256QAM	1	8	17.72	17.83	17.73		
3	256QAM	1	14	17.81	17.86	17.70		
3	256QAM	8	0	17.80	17.76	17.77	19.3	3
3	256QAM	8	4	17.86	17.92	17.78		
3	256QAM	8	7	17.72	17.82	17.74		
3	256QAM	15	0	17.76	17.88	17.61		
Channel				131979	132322	132665	Tune-up limit	MPR
Frequency (MHz)				1710.7	1745	1779.3	(dBm)	(dB)
1.4	QPSK	1	0	20.94	20.99	21.08	22.3	0
1.4	QPSK	1	3	20.97	20.96	20.89		
1.4	QPSK	1	5	20.84	20.90	20.90		
1.4	QPSK	3	0	21.07	21.01	20.95		
1.4	QPSK	3	1	20.92	20.98	20.92		
1.4	QPSK	3	3	20.79	20.76	20.81		
1.4	QPSK	6	0	20.83	20.96	20.84	22.3	0
1.4	16QAM	1	0	20.82	20.77	20.75	22.3	0
1.4	16QAM	1	3	20.79	20.88	20.94		
1.4	16QAM	1	5	20.85	20.87	20.78		
1.4	16QAM	3	0	20.99	20.90	20.88		
1.4	16QAM	3	1	20.93	20.95	20.92		
1.4	16QAM	3	3	20.84	20.96	20.91		
1.4	16QAM	6	0	21.02	20.99	20.92	22.3	0
1.4	64QAM	1	0	20.90	20.95	20.93	22.3	0
1.4	64QAM	1	3	20.89	20.95	20.87		
1.4	64QAM	1	5	20.98	21.02	20.86		
1.4	64QAM	3	0	20.98	20.95	20.78		
1.4	64QAM	3	1	20.95	21.01	20.83		
1.4	64QAM	3	3	20.93	20.98	20.89		
1.4	64QAM	6	0	20.07	20.08	20.03	21.3	1
1.4	256QAM	1	0	17.75	17.94	17.82	19.3	3
1.4	256QAM	1	3	17.70	17.79	17.79		
1.4	256QAM	1	5	17.86	17.86	17.68		
1.4	256QAM	3	0	17.76	17.75	17.70		
1.4	256QAM	3	1	17.79	17.94	17.80		
1.4	256QAM	3	3	17.62	17.80	17.76		
1.4	256QAM	6	0	17.69	17.74	17.60	19.3	3

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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	23.78	23.81	23.75	24.3	0
20	QPSK	1	49	23.72	23.72	23.72		
20	QPSK	1	99	23.51	23.70	23.56		
20	QPSK	50	0	22.84	22.93	22.87	23.3	1
20	QPSK	50	24	22.76	22.80	22.76		
20	QPSK	50	50	22.72	22.74	22.66		
20	QPSK	100	0	22.72	22.81	22.72		
20	16QAM	1	0	22.82	22.86	22.78	23.3	1
20	16QAM	1	49	22.91	23.03	22.93		
20	16QAM	1	99	22.87	22.91	22.85		
20	16QAM	50	0	21.77	21.88	21.86	22.3	2
20	16QAM	50	24	21.75	21.80	21.79		
20	16QAM	50	50	21.70	21.78	21.72		
20	16QAM	100	0	21.70	21.81	21.74		
20	64QAM	1	0	22.13	22.16	22.14	22.3	2
20	64QAM	1	49	21.78	21.86	21.78		
20	64QAM	1	99	21.71	21.75	21.80		
20	64QAM	50	0	20.78	20.83	20.81	21.3	3
20	64QAM	50	24	20.78	20.83	20.76		
20	64QAM	50	50	20.62	20.69	20.68		
20	64QAM	100	0	20.63	20.75	20.68		
20	256QAM	1	0	18.80	18.82	18.72	19.3	5
20	256QAM	1	49	18.67	18.85	18.74		
20	256QAM	1	99	18.65	18.80	18.79		
20	256QAM	50	0	18.68	18.79	18.68	19.3	5
20	256QAM	50	24	18.70	18.77	18.68		
20	256QAM	50	50	18.66	18.75	18.63		
20	256QAM	100	0	18.55	18.72	18.57		
Channel				133197	133297	133397	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	0	23.69	23.72	23.74	24.3	0
15	QPSK	1	37	23.68	23.62	23.61		
15	QPSK	1	74	23.47	23.64	23.49		
15	QPSK	36	0	22.80	22.81	22.86	23.3	1
15	QPSK	36	20	22.64	22.70	22.70		
15	QPSK	36	39	22.67	22.72	22.62		
15	QPSK	75	0	22.68	22.74	22.67		
15	16QAM	1	0	22.77	22.76	22.73	23.3	1
15	16QAM	1	37	22.85	22.98	22.91		
15	16QAM	1	74	22.79	22.79	22.80		
15	16QAM	36	0	21.76	21.86	21.76	22.3	2
15	16QAM	36	20	21.67	21.78	21.69		
15	16QAM	36	39	21.62	21.70	21.61		
15	16QAM	75	0	21.59	21.80	21.73		
15	64QAM	1	0	22.07	22.06	22.09	22.3	2
15	64QAM	1	37	21.72	21.77	21.76		
15	64QAM	1	74	21.68	21.73	21.69		
15	64QAM	36	0	20.70	20.82	20.77	21.3	3
15	64QAM	36	20	20.77	20.72	20.74		
15	64QAM	36	39	20.59	20.61	20.66		
15	64QAM	75	0	20.62	20.71	20.63		
15	256QAM	1	0	18.70	18.73	18.71	19.3	5
15	256QAM	1	37	18.61	18.75	18.67		
15	256QAM	1	74	18.60	18.79	18.73		
15	256QAM	36	0	18.63	18.68	18.61	19.3	5
15	256QAM	36	20	18.58	18.75	18.67		
15	256QAM	36	39	18.57	18.64	18.57		
15	256QAM	75	0	18.43	18.62	18.51		
Channel				133172	133297	133422	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	0	23.67	23.69	23.67	24.3	0
10	QPSK	1	25	23.68	23.69	23.66		
10	QPSK	1	49	23.43	23.69	23.45		
10	QPSK	25	0	22.78	22.91	22.79	23.3	1
10	QPSK	25	12	22.72	22.75	22.69		
10	QPSK	25	25	22.62	22.67	22.55		
10	QPSK	50	0	22.65	22.79	22.68		
10	16QAM	1	0	22.70	22.75	22.69	23.3	1
10	16QAM	1	25	22.83	23.00	22.84		
10	16QAM	1	49	22.78	22.79	22.76		
10	16QAM	25	0	21.72	21.85	21.80	22.3	2
10	16QAM	25	12	21.69	21.77	21.76		
10	16QAM	25	25	21.63	21.72	21.61		
10	16QAM	50	0	21.69	21.75	21.63		
10	64QAM	1	0	22.02	22.14	22.13	22.3	2
10	64QAM	1	25	21.75	21.81	21.75		
10	64QAM	1	49	21.69	21.69	21.67		
10	64QAM	25	0	20.66	20.71	20.69	21.3	3
10	64QAM	25	12	20.74	20.79	20.65		
10	64QAM	25	25	20.50	20.66	20.56		
10	64QAM	50	0	20.52	20.70	20.59		
10	256QAM	1	0	18.78	18.75	18.63	19.3	5
10	256QAM	1	25	18.64	18.76	18.73		
10	256QAM	1	49	18.54	18.70	18.70		
10	256QAM	25	0	18.58	18.69	18.65	19.3	5
10	256QAM	25	12	18.64	18.75	18.67		
10	256QAM	25	25	18.60	18.74	18.59		
10	256QAM	50	0	18.47	18.61	18.51		
Channel				133147	133297	133447	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	0	23.77	23.76	23.69	24.3	0
5	QPSK	1	12	23.71	23.67	23.65		
5	QPSK	1	24	23.50	23.58	23.51		
5	QPSK	12	0	22.78	22.85	22.75	23.3	1
5	QPSK	12	7	22.66	22.79	22.65		
5	QPSK	12	13	22.61	22.65	22.57		
5	QPSK	25	0	22.64	22.71	22.71		
5	16QAM	1	0	22.70	22.78	22.73	23.3	1
5	16QAM	1	12	22.89	22.94	22.86		
5	16QAM	1	24	22.84	22.88	22.83		
5	16QAM	12	0	21.68	21.85	21.81	22.3	2
5	16QAM	12	7	21.70	21.77	21.69		
5	16QAM	12	13	21.58	21.67	21.66		
5	16QAM	25	0	21.64	21.72	21.67		
5	64QAM	1	0	22.05	22.10	22.09	22.3	2
5	64QAM	1	12	21.67	21.82	21.68		
5	64QAM	1	24	21.68	21.68	21.66		
5	64QAM	12	0	20.72	20.81	20.77	21.3	3
5	64QAM	12	7	20.77	20.73	20.69		
5	64QAM	12	13	20.61	20.61	20.60		
5	64QAM	25	0	20.53	20.70	20.56		
5	256QAM	1	0	18.73	18.72	18.62	19.3	5
5	256QAM	1	12	18.66	18.84	18.72		
5	256QAM	1	24	18.63	18.73	18.75		
5	256QAM	12	0	18.65	18.71	18.63	19.3	5
5	256QAM	12	7	18.63	18.73	18.58		
5	256QAM	12	13	18.56	18.67	18.60		
5	256QAM	25	0	18.48	18.66	18.48		

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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	23.82	24.04	23.74	24.8	0
20	QPSK	1	49	23.80	23.94	23.71		
20	QPSK	1	99	23.78	23.83	23.61		
20	QPSK	50	0	23.11	23.14	23.07	23.8	1
20	QPSK	50	24	23.06	23.11	23.03		
20	QPSK	50	50	22.92	23.00	22.95		
20	QPSK	100	0	23.03	23.11	23.04		
20	16QAM	1	0	23.21	23.29	23.27	23.8	1
20	16QAM	1	49	23.13	23.14	23.08		
20	16QAM	1	99	23.16	23.20	23.19		
20	16QAM	50	0	22.10	22.20	22.17	22.8	2
20	16QAM	50	24	22.01	22.13	22.11		
20	16QAM	50	50	22.01	22.03	21.96		
20	16QAM	100	0	22.03	22.04	21.96		
20	64QAM	1	0	22.26	22.27	22.18	22.8	2
20	64QAM	1	49	22.22	22.26	22.19		
20	64QAM	1	99	22.07	22.12	22.08		
20	64QAM	50	0	21.06	21.16	21.06	21.8	3
20	64QAM	50	24	21.06	21.14	21.06		
20	64QAM	50	50	20.90	20.96	20.90		
20	64QAM	100	0	21.01	21.12	21.00		
20	256QAM	1	0	18.82	18.95	18.86	19.8	5
20	256QAM	1	49	18.80	18.93	18.85		
20	256QAM	1	99	18.86	18.88	18.77		
20	256QAM	50	0	18.79	18.84	18.80	19.8	5
20	256QAM	50	24	18.89	18.96	18.94		
20	256QAM	50	50	18.82	18.90	18.84		
20	256QAM	100	0	18.83	18.87	18.70		
Channel				133197	133297	133397	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	0	23.73	23.92	23.64	24.8	0
15	QPSK	1	37	23.75	23.92	23.68		
15	QPSK	1	74	23.74	23.82	23.58		
15	QPSK	36	0	22.97	23.11	22.93	23.8	1
15	QPSK	36	20	23.10	23.08	23.04		
15	QPSK	36	39	22.81	22.90	22.94		
15	QPSK	75	0	23.02	23.06	22.98		
15	16QAM	1	0	23.13	23.24	23.20	23.8	1
15	16QAM	1	37	23.06	23.11	23.03		
15	16QAM	1	74	23.04	23.18	23.15		
15	16QAM	36	0	22.06	22.13	22.16	22.8	2
15	16QAM	36	20	21.90	22.07	21.99		
15	16QAM	36	39	21.93	21.95	21.92		
15	16QAM	75	0	21.94	21.93	21.84		
15	64QAM	1	0	22.15	22.18	22.09	22.8	2
15	64QAM	1	37	22.11	22.23	22.11		
15	64QAM	1	74	21.97	22.00	22.05		
15	64QAM	36	0	21.03	21.12	21.01	21.8	3
15	64QAM	36	20	21.00	21.02	21.00		
15	64QAM	36	39	20.82	20.85	20.82		
15	64QAM	75	0	20.96	21.06	20.94		
15	256QAM	1	0	18.77	18.87	18.78	19.8	5
15	256QAM	1	37	18.72	18.89	18.80		
15	256QAM	1	74	18.77	18.78	18.69		
15	256QAM	36	0	18.74	18.78	18.73	19.8	5
15	256QAM	36	20	18.79	18.91	18.92		
15	256QAM	36	39	18.76	18.82	18.72		
15	256QAM	75	0	18.81	18.85	18.66		
Channel				133172	133297	133422	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	0	23.81	24.02	23.58	24.8	0
10	QPSK	1	25	23.75	23.84	23.65		
10	QPSK	1	49	23.66	23.72	23.60		
10	QPSK	25	0	23.01	23.06	23.02	23.8	1
10	QPSK	25	12	23.01	23.05	23.05		
10	QPSK	25	25	22.82	22.95	22.92		
10	QPSK	50	0	22.98	22.99	22.99		
10	16QAM	1	0	23.14	23.27	23.19	23.8	1
10	16QAM	1	25	23.10	23.10	22.97		
10	16QAM	1	49	23.10	23.10	23.13		
10	16QAM	25	0	22.00	22.14	22.07	22.8	2
10	16QAM	25	12	21.94	22.03	22.05		
10	16QAM	25	25	21.90	22.01	21.88		
10	16QAM	50	0	21.93	21.95	21.86		
10	64QAM	1	0	22.15	22.25	22.11	22.8	2
10	64QAM	1	25	22.13	22.20	22.09		
10	64QAM	1	49	22.03	22.07	22.01		
10	64QAM	25	0	21.01	21.07	20.96	21.8	3
10	64QAM	25	12	20.99	21.02	21.05		
10	64QAM	25	25	20.82	20.84	20.80		
10	64QAM	50	0	20.90	21.03	20.92		
10	256QAM	1	0	18.75	18.94	18.83	19.8	5
10	256QAM	1	25	18.75	18.87	18.75		
10	256QAM	1	49	18.82	18.84	18.69		
10	256QAM	25	0	18.69	18.78	18.75	19.8	5
10	256QAM	25	12	18.83	18.85	18.86		
10	256QAM	25	25	18.75	18.79	18.73		
10	256QAM	50	0	18.74	18.79	18.69		
Channel				133147	133297	133447	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	0	23.73	23.97	23.68	24.8	0
5	QPSK	1	12	23.71	23.91	23.67		
5	QPSK	1	24	23.74	23.79	23.57		
5	QPSK	12	0	22.98	23.12	22.98	23.8	1
5	QPSK	12	7	23.04	23.04	22.97		
5	QPSK	12	13	22.86	22.92	22.84		
5	QPSK	25	0	22.98	23.09	23.02		
5	16QAM	1	0	23.11	23.18	23.20	23.8	1
5	16QAM	1	12	23.03	23.13	23.07		
5	16QAM	1	24	23.09	23.08	23.07		
5	16QAM	12	0	22.07	22.17	22.06	22.8	2
5	16QAM	12	7	21.92	22.07	22.07		
5	16QAM	12	13	21.97	21.96	21.90		
5	16QAM	25	0	21.91	22.01	21.91		
5	64QAM	1	0	22.17	22.23	22.13	22.8	2
5	64QAM	1	12	22.14	22.14	22.10		
5	64QAM	1	24	21.99	22.04	22.00		
5	64QAM	12	0	20.99	21.15	20.95	21.8	3
5	64QAM	12	7	20.99	21.13	20.94		
5	64QAM	12	13	20.88	20.92	20.84		
5	64QAM	25	0	20.93	21.05	20.97		
5	256QAM	1	0	18.73	18.83	18.76	19.8	5
5	256QAM	1	12	18.77	18.82	18.74		
5	256QAM	1	24	18.77	18.78	18.66		
5	256QAM	12	0	18.77	18.78	18.70	19.8	5
5	256QAM	12	7	18.88	18.89	18.91		
5	256QAM	12	13	18.75	18.86	18.80		
5	256QAM	25	0	18.73	18.81	18.66		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.8	22.85	22.75	23.4	0
20	QPSK	1	49	22.75	22.69	22.7		
20	QPSK	1	99	22.77	22.65	22.64		
20	QPSK	50	0	21.89	21.91	21.81	22.4	1
20	QPSK	50	24	21.84	21.78	21.72		
20	QPSK	50	50	21.79	21.82	21.79		
20	QPSK	100	0	21.81	21.89	21.73		
20	16QAM	1	0	22.12	21.9	21.89	22.4	1
20	16QAM	1	49	22.25	22.35	22.26		
20	16QAM	1	99	21.99	21.89	21.97		
20	16QAM	50	0	20.8	20.74	20.68	21.4	2
20	16QAM	50	24	20.93	20.78	20.73		
20	16QAM	50	50	20.88	20.85	20.8		
20	16QAM	100	0	20.9	20.76	20.7		
20	64QAM	1	0	20.97	20.78	20.87	21.4	2
20	64QAM	1	49	20.91	20.94	20.9		
20	64QAM	1	99	20.91	20.91	20.79		
20	64QAM	50	0	19.78	19.72	19.69	20.4	3
20	64QAM	50	24	19.89	19.76	19.76		
20	64QAM	50	50	19.89	19.85	19.8		
20	64QAM	100	0	19.92	19.76	19.71		
20	256QAM	1	0	17.43	17.45	17.43	18.4	5
20	256QAM	1	49	17.45	17.49	17.47		
20	256QAM	1	99	17.36	17.52	17.40		
20	256QAM	50	0	17.35	17.42	17.28	18.4	5
20	256QAM	50	24	17.42	17.48	17.34		
20	256QAM	50	50	17.43	17.50	17.49		
20	256QAM	100	0	17.35	17.43	17.27		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.65	22.60	22.54	23.4	0
15	QPSK	1	37	22.72	22.58	22.59		
15	QPSK	1	74	22.66	22.58	22.56		
15	QPSK	36	0	21.70	21.68	21.61	22.4	1
15	QPSK	36	20	21.90	21.76	21.66		
15	QPSK	36	39	21.81	21.72	21.77		
15	QPSK	75	0	21.88	21.65	21.68		
15	16QAM	1	0	22.00	21.87	21.86	22.4	1
15	16QAM	1	37	22.22	22.26	22.19		
15	16QAM	1	74	21.96	21.78	21.91		
15	16QAM	36	0	20.70	20.72	20.65	21.4	2
15	16QAM	36	20	20.88	20.71	20.64		
15	16QAM	36	39	20.81	20.78	20.71		
15	16QAM	75	0	20.80	20.64	20.64		
15	64QAM	1	0	20.93	20.70	20.82	21.4	2
15	64QAM	1	37	20.84	20.83	20.79		
15	64QAM	1	74	20.88	20.88	20.75		
15	64QAM	36	0	19.69	19.66	19.62	20.4	3
15	64QAM	36	20	19.81	19.67	19.73		
15	64QAM	36	39	19.84	19.84	19.70		
15	64QAM	75	0	19.88	19.75	19.63		
15	256QAM	1	0	17.42	17.41	17.38	18.4	5
15	256QAM	1	37	17.41	17.38	17.44		
15	256QAM	1	74	17.29	17.47	17.31		
15	256QAM	36	0	17.27	17.38	17.24	18.4	5
15	256QAM	36	20	17.34	17.40	17.27		
15	256QAM	36	39	17.34	17.43	17.41		
15	256QAM	75	0	17.24	17.40	17.23		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.69	22.60	22.56	23.4	0
10	QPSK	1	25	22.75	22.60	22.58		
10	QPSK	1	49	22.68	22.61	22.57		
10	QPSK	25	0	21.79	21.72	21.54	22.4	1
10	QPSK	25	12	21.87	21.74	21.71		
10	QPSK	25	25	21.88	21.71	21.73		
10	QPSK	50	0	21.79	21.61	21.60		
10	16QAM	1	0	22.07	21.89	21.79	22.4	1
10	16QAM	1	25	22.22	22.28	22.16		
10	16QAM	1	49	21.93	21.80	21.92		
10	16QAM	25	0	20.78	20.71	20.61	21.4	2
10	16QAM	25	12	20.87	20.77	20.62		
10	16QAM	25	25	20.77	20.79	20.69		
10	16QAM	50	0	20.83	20.71	20.61		
10	64QAM	1	0	20.88	20.71	20.80	21.4	2
10	64QAM	1	25	20.86	20.85	20.81		
10	64QAM	1	49	20.79	20.90	20.70		
10	64QAM	25	0	19.71	19.60	19.57	20.4	3
10	64QAM	25	12	19.84	19.75	19.68		
10	64QAM	25	25	19.82	19.82	19.74		
10	64QAM	50	0	19.85	19.67	19.70		
10	256QAM	1	0	17.37	17.39	17.41	18.4	5
10	256QAM	1	25	17.43	17.42	17.40		
10	256QAM	1	49	17.24	17.45	17.36		
10	256QAM	25	0	17.34	17.32	17.27	18.4	5
10	256QAM	25	12	17.31	17.39	17.33		
10	256QAM	25	25	17.31	17.43	17.40		
10	256QAM	50	0	17.34	17.40	17.20		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.67	22.67	22.61	23.4	0
5	QPSK	1	12	22.69	22.66	22.60		
5	QPSK	1	24	22.71	22.57	22.61		
5	QPSK	12	0	21.71	21.70	21.63	22.4	1
5	QPSK	12	7	21.80	21.72	21.71		
5	QPSK	12	13	21.83	21.79	21.67		
5	QPSK	25	0	21.81	21.63	21.67		
5	16QAM	1	0	22.02	21.80	21.88	22.4	1
5	16QAM	1	12	22.24	22.21	21.96		
5	16QAM	1	24	21.89	21.81	21.92		
5	16QAM	12	0	20.77	20.63	20.61	21.4	2
5	16QAM	12	7	20.92	20.69	20.68		
5	16QAM	12	13	20.76	20.77	20.70		
5	16QAM	25	0	20.84	20.70	20.66		
5	64QAM	1	0	20.92	20.67	20.84	21.4	2
5	64QAM	1	12	20.82	20.91	20.82		
5	64QAM	1	24	20.83	20.82	20.69		
5	64QAM	12	0	19.76	19.61	19.62	20.4	3
5	64QAM	12	7	19.79	19.74	19.73		
5	64QAM	12	13	19.80	19.81	19.73		
5	64QAM	25	0	19.82	19.64	19.66		
5	256QAM	1	0	17.34	17.36	17.42	18.4	5
5	256QAM	1	12	17.35	17.37	17.40		
5	256QAM	1	24	17.30	17.40	17.29		
5	256QAM	12	0	17.34	17.32	17.16	18.4	5
5	256QAM	12	7	17.33	17.44	17.28		
5	256QAM	12	13	17.39	17.40	17.45		
5	256QAM	25	0	17.33	17.33	17.19		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.31	19.44	19.37	20.3	0
20	QPSK	1	49	19.30	19.35	19.35		
20	QPSK	1	99	19.36	19.37	19.37		
20	QPSK	50	0	19.35	19.38	19.32	20.3	0
20	QPSK	50	24	19.30	19.30	19.17		
20	QPSK	50	50	19.32	19.30	19.37		
20	QPSK	100	0	19.37	19.35	19.31		
20	16QAM	1	0	19.35	19.36	19.38	20.3	0
20	16QAM	1	49	19.19	19.30	19.16		
20	16QAM	1	99	19.30	19.39	19.30		
20	16QAM	50	0	19.36	19.35	19.30	20.3	0
20	16QAM	50	24	19.36	19.32	19.34		
20	16QAM	50	50	19.36	19.38	19.30		
20	16QAM	100	0	19.36	19.35	19.39		
20	64QAM	1	0	19.35	19.37	19.32	20.3	0
20	64QAM	1	49	19.39	19.38	19.33		
20	64QAM	1	99	19.38	19.39	19.30		
20	64QAM	50	0	19.15	19.39	19.15	20.3	0
20	64QAM	50	24	19.32	19.33	19.18		
20	64QAM	50	50	19.31	19.37	19.34		
20	64QAM	100	0	19.34	19.37	19.35		
20	256QAM	1	0	18.85	19.00	18.97	19.8	0.5
20	256QAM	1	49	18.78	18.94	18.75		
20	256QAM	1	99	18.78	18.90	18.77		
20	256QAM	50	0	18.94	18.96	18.89	19.8	0.5
20	256QAM	50	24	18.84	18.91	18.74		
20	256QAM	50	50	19.01	19.01	18.86		
20	256QAM	100	0	18.78	18.95	18.95		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	19.28	19.42	19.36	20.3	0
15	QPSK	1	37	19.13	19.30	19.20		
15	QPSK	1	74	19.35	19.31	19.24		
15	QPSK	36	0	19.22	19.29	19.14	20.3	0
15	QPSK	36	20	19.28	19.30	19.11		
15	QPSK	36	39	19.13	19.17	19.12		
15	QPSK	75	0	19.15	19.23	19.23		
15	16QAM	1	0	19.21	19.26	19.17	20.3	0
15	16QAM	1	37	19.19	19.23	19.16		
15	16QAM	1	74	19.09	19.25	19.17		
15	16QAM	36	0	19.13	19.32	19.16	20.3	0
15	16QAM	36	20	19.13	19.25	19.10		
15	16QAM	36	39	19.16	19.27	19.26		
15	16QAM	75	0	19.25	19.22	19.27		
15	64QAM	1	0	19.21	19.36	19.17	20.3	0
15	64QAM	1	37	19.23	19.38	19.22		
15	64QAM	1	74	19.27	19.17	19.09		
15	64QAM	36	0	19.01	19.14	19.13	20.3	0
15	64QAM	36	20	19.15	19.32	19.12		
15	64QAM	36	39	19.30	19.25	19.19		
15	64QAM	75	0	19.10	19.35	19.25		
15	256QAM	1	0	18.84	18.94	18.96	19.8	0.5
15	256QAM	1	37	18.76	18.75	18.73		
15	256QAM	1	74	18.66	18.75	18.65		
15	256QAM	36	0	18.90	18.82	18.85	19.8	0.5
15	256QAM	36	20	18.67	18.85	18.57		
15	256QAM	36	39	18.97	18.90	18.82		
15	256QAM	75	0	18.73	18.79	18.90		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	19.18	19.41	19.34	20.3	0
10	QPSK	1	25	19.07	19.21	19.21		
10	QPSK	1	49	19.33	19.25	19.13		
10	QPSK	25	0	19.28	19.37	19.22	20.3	0
10	QPSK	25	12	19.23	19.30	19.10		
10	QPSK	25	25	19.10	19.19	19.26		
10	QPSK	50	0	19.17	19.24	19.26		
10	16QAM	1	0	19.25	19.34	19.22	20.3	0
10	16QAM	1	25	19.14	19.16	19.02		
10	16QAM	1	49	19.20	19.23	19.10		
10	16QAM	25	0	19.15	19.21	19.22	20.3	0
10	16QAM	25	12	19.22	19.22	19.23		
10	16QAM	25	25	19.12	19.24	19.29		
10	16QAM	50	0	19.26	19.26	19.20		
10	64QAM	1	0	19.22	19.30	19.28	20.3	0
10	64QAM	1	25	19.19	19.35	19.22		
10	64QAM	1	49	19.17	19.26	19.20		
10	64QAM	25	0	19.11	19.27	19.08	20.3	0
10	64QAM	25	12	19.17	19.22	19.13		
10	64QAM	25	25	19.24	19.25	19.34		
10	64QAM	50	0	19.13	19.33	19.13		
10	256QAM	1	0	18.68	18.96	18.80	19.8	0.5
10	256QAM	1	25	18.72	18.77	18.69		
10	256QAM	1	49	18.78	18.89	18.77		
10	256QAM	25	0	18.84	18.93	18.79	19.8	0.5
10	256QAM	25	12	18.81	18.75	18.71		
10	256QAM	25	25	18.98	18.83	18.83		
10	256QAM	50	0	18.74	18.77	18.91		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	19.25	19.39	19.27	20.3	0
5	QPSK	1	12	19.11	19.31	19.18		
5	QPSK	1	24	19.31	19.35	19.18		
5	QPSK	12	0	19.30	19.30	19.14	20.3	0
5	QPSK	12	7	19.26	19.23	19.03		
5	QPSK	12	13	19.13	19.28	19.14		
5	QPSK	25	0	19.25	19.34	19.26		
5	16QAM	1	0	19.28	19.33	19.20	20.3	0
5	16QAM	1	12	19.09	19.26	19.12		
5	16QAM	1	24	19.13	19.24	19.15		
5	16QAM	12	0	19.11	19.28	19.30	20.3	0
5	16QAM	12	7	19.25	19.29	19.15		
5	16QAM	12	13	19.20	19.34	19.25		
5	16QAM	25	0	19.11	19.35	19.15		
5	64QAM	1	0	19.29	19.37	19.22	20.3	0
5	64QAM	1	12	19.17	19.26	19.14		
5	64QAM	1	24	19.23	19.17	19.07		
5	64QAM	12	0	19.11	19.18	19.10	20.3	0
5	64QAM	12	7	19.12	19.25	19.12		
5	64QAM	12	13	19.25	19.36	19.34		
5	64QAM	25	0	19.24	19.25	19.22		
5	256QAM	1	0	18.71	18.84	18.83	19.8	0.5
5	256QAM	1	12	18.70	18.80	18.67		
5	256QAM	1	24	18.68	18.88	18.67		
5	256QAM	12	0	18.75	18.95	18.70	19.8	0.5
5	256QAM	12	7	18.66	18.82	18.56		
5	256QAM	12	13	18.90	19.01	18.75		
5	256QAM	25	0	18.60	18.87	18.77		

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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	22.85	22.89	22.9	22.85	22.86	23.4	0
20	QPSK	1	49	22.55	22.65	22.5	22.44	22.37		
20	QPSK	1	99	22.51	22.69	22.62	22.45	22.46		
20	QPSK	50	0	21.54	21.58	21.69	21.35	21.25	22.4	1
20	QPSK	50	24	21.61	21.53	21.49	21.48	21.27		
20	QPSK	50	50	21.56	21.48	21.47	21.45	21.32		
20	QPSK	100	0	21.59	21.53	21.68	21.45	21.26		
20	16QAM	1	0	21.57	21.59	21.56	21.51	21.34	22.4	1
20	16QAM	1	49	21.64	21.5	21.44	21.71	21.36		
20	16QAM	1	99	21.46	21.75	21.76	21.47	21.49		
20	16QAM	50	0	20.64	20.66	20.54	20.46	20.33	21.4	2
20	16QAM	50	24	20.68	20.81	20.54	20.59	20.33		
20	16QAM	50	50	20.64	20.77	20.64	20.53	20.41		
20	16QAM	100	0	20.66	20.75	20.53	20.49	20.3		
20	64QAM	1	0	20.46	20.53	20.53	20.31	20.21	21.4	2
20	64QAM	1	49	20.6	20.6	20.56	20.55	20.31		
20	64QAM	1	99	20.42	20.7	20.66	20.58	20.28		
20	64QAM	50	0	19.6	19.63	19.52	19.44	19.31	20.4	3
20	64QAM	50	24	19.69	19.79	19.55	19.54	19.38		
20	64QAM	50	50	19.71	19.75	19.61	19.52	19.42		
20	64QAM	100	0	19.69	19.73	19.53	19.52	19.33		
20	256QAM	1	0	17.70	17.51	17.69	17.68	17.73	18.4	5
20	256QAM	1	49	17.59	17.42	17.72	17.56	17.43		
20	256QAM	1	99	17.55	17.70	17.58	17.59	17.55		
20	256QAM	50	0	17.61	17.54	17.61	17.53	17.52	18.4	5
20	256QAM	50	24	17.40	17.27	17.54	17.44	17.55		
20	256QAM	50	50	17.39	17.32	17.38	17.24	17.24		
20	256QAM	100	0	17.34	17.42	17.45	17.25	17.37		
Channel				39725	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	22.58	22.58	22.52	22.60	22.51	23.40	0
15	QPSK	1	37	22.51	22.63	22.31	22.39	22.25		
15	QPSK	1	74	22.51	22.66	22.50	22.34	22.30		
15	QPSK	36	0	21.44	21.52	21.51	21.30	21.28	22.4	1
15	QPSK	36	20	21.54	21.41	21.54	21.36	21.30		
15	QPSK	36	39	21.51	21.45	21.53	21.41	21.20		
15	QPSK	75	0	21.60	21.48	21.60	21.43	21.29		
15	16QAM	1	0	21.39	21.54	21.41	21.44	21.25	22.4	1
15	16QAM	1	37	21.52	21.31	21.29	21.55	21.20		
15	16QAM	1	74	21.35	21.56	21.60	21.28	21.33		
15	16QAM	36	0	20.46	20.57	20.36	20.45	20.23	21.4	2
15	16QAM	36	20	20.58	20.68	20.44	20.48	20.28		
15	16QAM	36	39	20.54	20.60	20.54	20.41	20.20		
15	16QAM	75	0	20.65	20.56	20.52	20.38	20.16		
15	64QAM	1	0	20.41	20.34	20.48	20.13	20.20	21.4	2
15	64QAM	1	37	20.42	20.54	20.38	20.42	20.18		
15	64QAM	1	74	20.25	20.59	20.49	20.54	20.22		
15	64QAM	36	0	19.54	19.61	19.46	19.33	19.29	20.4	3
15	64QAM	36	20	19.54	19.60	19.40	19.47	19.19		
15	64QAM	36	39	19.57	19.59	19.47	19.45	19.40		
15	64QAM	75	0	19.53	19.64	19.37	19.40	19.24		
15	256QAM	1	0	17.61	17.39	17.60	17.59	17.73	18.4	5
15	256QAM	1	37	17.43	17.26	17.56	17.51	17.33		
15	256QAM	1	74	17.46	17.65	17.49	17.56	17.54		
15	256QAM	36	0	17.47	17.39	17.47	17.34	17.37	18.4	5
15	256QAM	36	20	17.25	17.25	17.39	17.31	17.37		
15	256QAM	36	39	17.24	17.15	17.23	17.13	17.18		
15	256QAM	75	0	17.18	17.36	17.29	17.16	17.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.60	22.56	22.62	22.53	22.65	23.40	0
10	QPSK	1	25	22.52	22.54	22.48	22.42	22.23		
10	QPSK	1	49	22.39	22.57	22.44	22.44	22.30		
10	QPSK	25	0	21.45	21.62	21.60	21.31	21.14	22.4	1
10	QPSK	25	12	21.59	21.52	21.39	21.53	21.22		
10	QPSK	25	25	21.53	21.44	21.49	21.49	21.34		
10	QPSK	50	0	21.64	21.57	21.64	21.39	21.20		
10	16QAM	1	0	21.52	21.52	21.43	21.38	21.28	22.4	1
10	16QAM	1	25	21.60	21.38	21.33	21.55	21.27		
10	16QAM	1	49	21.46	21.56	21.57	21.44	21.45		
10	16QAM	25	0	20.59	20.64	20.49	20.41	20.22	21.4	2
10	16QAM	25	12	20.59	20.62	20.45	20.59	20.21		
10	16QAM	25	25	20.55	20.68	20.55	20.47	20.37		
10	16QAM	50	0	20.53	20.56	20.40	20.43	20.22		
10	64QAM	1	0	20.35	20.42	20.42	20.13	20.21	21.4	2
10	64QAM	1	25	20.49	20.52	20.45	20.37	20.26		
10	64QAM	1	49	20.41	20.54	20.50	20.49	20.12		
10	64QAM	25	0	19.54	19.55	19.46	19.29	19.30	20.4	3
10	64QAM	25	12	19.50	19.65	19.36	19.45	19.20		
10	64QAM	25	25	19.60	19.68	19.60	19.42	19.30		
10	64QAM	50	0	19.56	19.54	19.40	19.33	19.14		
10	256QAM	1	0	17.61	17.43	17.60	17.66	17.71	18.4	5
10	256QAM	1	25	17.43	17.35	17.56	17.43	17.27		
10	256QAM	1	49	17.51	17.52	17.54	17.45	17.41		
10	256QAM	25	0	17.47	17.37	17.47	17.53	17.46	18.4	5
10	256QAM	25	12	17.31	17.16	17.45	17.27	17.43		
10	256QAM	25	25	17.33	17.30	17.32	17.21	17.20		
10	256QAM	50	0	17.21	17.27	17.32	17.10	17.36		
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	22.63	22.54	22.67	22.54	22.56	23.40	0
5	QPSK	1	12	22.37	22.48	22.37	22.30	22.22		
5	QPSK	1	24	22.35	22.55	22.60	22.32	22.43		
5	QPSK	12	0	21.51	21.49	21.69	21.28	21.28	22.4	1
5	QPSK	12	7	21.66	21.49	21.49	21.47	21.25		
5	QPSK	12	13	21.45	21.39	21.45	21.41	21.36		
5	QPSK	25	0	21.55	21.56	21.62	21.48	21.32		
5	16QAM	1	0	21.53	21.52	21.40	21.44	21.22	22.4	1
5	16QAM	1	12	21.57	21.32	21.27	21.58	21.36		
5	16QAM	1	24	21.28	21.68	21.62	21.46	21.33		
5	16QAM	12	0	20.48	20.63	20.38	20.46	20.28	21.4	2
5	16QAM	12	7	20.55	20.70	20.41	20.53	20.26		
5	16QAM	12	13	20.54	20.74	20.54	20.49	20.38		
5	16QAM	25	0	20.61	20.59	20.48	20.46	20.18		
5	64QAM	1	0	20.40	20.50	20.47	20.26	20.20	21.4	2
5	64QAM	1	12	20.58	20.53	20.54	20.38	20.25		
5	64QAM	1	24	20.35	20.60	20.59	20.58	20.17		
5	64QAM	12	0	19.49	19.49	19.41	19.37	19.30	20.4	3
5	64QAM	12	7	19.66	19.68	19.52	19.39	19.36		
5	64QAM	12	13	19.53	19.59	19.43	19.36	19.29		
5	64QAM	25	0	19.58	19.56	19.42	19.38	19.16		
5	256QAM	1	0	17.64	17.46	17.63	17.50	17.60	18.4	5
5	256QAM	1	12	17.55	17.31	17.68	17.55	17.40		
5	256QAM	1	24	17.36	17.52	17.39	17.51	17.42		
5	256QAM	12	0	17.45	17.50	17.45	17.45	17.49	18.4	5
5	256QAM	12	7	17.26	17.26	17.40	17.43	17.54		
5	256QAM	12	13	17.29	17.32	17.28	17.20	17.24		
5	256QAM	25	0	17.33	17.42	17.44	17.21	17.24		

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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	19.46	19.58	19.65	19.52	19.52	20.3	0
20	QPSK	1	49	19.55	19.54	19.63	19.49	19.45		
20	QPSK	1	99	19.45	19.57	19.64	19.55	19.49		
20	QPSK	50	0	19.39	19.51	19.59	19.51	19.41	20.3	0
20	QPSK	50	24	19.37	19.48	19.55	19.45	19.41		
20	QPSK	50	50	19.35	19.43	19.54	19.38	19.42		
20	QPSK	100	0	19.31	19.30	19.48	19.32	19.42		
20	16QAM	1	0	19.32	19.31	19.50	19.39	19.36	20.3	0
20	16QAM	1	49	19.48	19.57	19.63	19.47	19.56		
20	16QAM	1	99	19.54	19.50	19.63	19.51	19.46		
20	16QAM	50	0	19.41	19.44	19.59	19.48	19.48	20.3	0
20	16QAM	50	24	19.38	19.51	19.57	19.40	19.50		
20	16QAM	50	50	19.42	19.44	19.49	19.44	19.40		
20	16QAM	100	0	19.50	19.50	19.61	19.44	19.49		
20	64QAM	1	0	19.43	19.43	19.52	19.42	19.36	20.3	0
20	64QAM	1	49	19.37	19.42	19.51	19.37	19.38		
20	64QAM	1	99	19.43	19.32	19.51	19.32	19.43		
20	64QAM	50	0	19.45	19.57	19.62	19.48	19.50	20.3	0
20	64QAM	50	24	19.43	19.38	19.49	19.44	19.40		
20	64QAM	50	50	19.51	19.58	19.63	19.45	19.58		
20	64QAM	100	0	19.45	19.45	19.52	19.45	19.36		
20	256QAM	1	0	19.04	19.01	19.18	18.99	19.00	19.8	0.5
20	256QAM	1	49	19.01	18.98	19.15	18.94	19.13		
20	256QAM	1	99	19.03	19.01	19.05	18.83	18.97		
20	256QAM	50	0	18.84	19.04	19.13	18.98	19.13	19.8	0.5
20	256QAM	50	24	19.15	19.13	19.11	19.15	19.15		
20	256QAM	50	50	18.92	19.04	19.23	18.98	19.06		
20	256QAM	100	0	18.99	19.04	19.07	19.01	19.10		
Channel				39725	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	19.55	19.45	19.47	19.51	19.54	20.30	0
15	QPSK	1	37	19.57	19.51	19.43	19.47	19.47		
15	QPSK	1	74	19.57	19.50	19.45	19.48	19.55		
15	QPSK	36	0	19.49	19.52	19.40	19.47	19.47	20.3	0
15	QPSK	36	20	19.40	19.49	19.42	19.42	19.39		
15	QPSK	36	39	19.35	19.40	19.45	19.46	19.46		
15	QPSK	75	0	19.30	19.28	19.31	19.32	19.31		
15	16QAM	1	0	19.41	19.40	19.41	19.43	19.34	20.3	0
15	16QAM	1	37	19.49	19.40	19.44	19.56	19.47		
15	16QAM	1	74	19.56	19.53	19.49	19.54	19.58		
15	16QAM	36	0	19.47	19.53	19.47	19.54	19.40	20.3	0
15	16QAM	36	20	19.38	19.46	19.40	19.37	19.52		
15	16QAM	36	39	19.33	19.40	19.30	19.42	19.34		
15	16QAM	75	0	19.48	19.40	19.45	19.53	19.47		
15	64QAM	1	0	19.44	19.37	19.36	19.39	19.46	20.3	0
15	64QAM	1	37	19.37	19.37	19.38	19.41	19.45		
15	64QAM	1	74	19.37	19.43	19.45	19.41	19.37		
15	64QAM	36	0	19.44	19.47	19.50	19.52	19.48	20.3	0
15	64QAM	36	20	19.41	19.35	19.39	19.39	19.34		
15	64QAM	36	39	19.53	19.43	19.53	19.43	19.45		
15	64QAM	75	0	19.41	19.42	19.38	19.43	19.40		
15	256QAM	1	0	18.92	18.96	19.06	18.87	18.83	19.8	0.5
15	256QAM	1	37	18.95	18.97	19.09	18.77	18.97		
15	256QAM	1	74	19.02	19.01	19.04	18.80	18.93		
15	256QAM	36	0	18.72	18.98	19.01	18.95	19.06	19.8	0.5
15	256QAM	36	20	19.00	19.00	18.96	19.04	19.11		
15	256QAM	36	39	18.88	19.04	19.19	18.90	19.05		
15	256QAM	75	0	18.85	18.99	18.93	18.84	19.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	19.48	19.54	19.59	19.55	19.59	20.30	0
10	QPSK	1	25	19.45	19.57	19.44	19.47	19.43		
10	QPSK	1	49	19.46	19.57	19.46	19.55	19.44		
10	QPSK	25	0	19.50	19.44	19.40	19.42	19.40	20.3	0
10	QPSK	25	12	19.44	19.46	19.44	19.38	19.46		
10	QPSK	25	25	19.36	19.36	19.34	19.41	19.46		
10	QPSK	50	0	19.42	19.39	19.28	19.29	19.29		
10	16QAM	1	0	19.31	19.32	19.44	19.45	19.36	20.3	0
10	16QAM	1	25	19.52	19.52	19.45	19.46	19.54		
10	16QAM	1	49	19.58	19.46	19.57	19.45	19.55		
10	16QAM	25	0	19.44	19.52	19.43	19.47	19.51	20.3	0
10	16QAM	25	12	19.37	19.42	19.40	19.41	19.47		
10	16QAM	25	25	19.39	19.36	19.33	19.42	19.38		
10	16QAM	50	0	19.47	19.54	19.49	19.55	19.47		
10	64QAM	1	0	19.46	19.44	19.35	19.43	19.37	20.3	0
10	64QAM	1	25	19.43	19.44	19.42	19.33	19.32		
10	64QAM	1	49	19.37	19.41	19.35	19.32	19.42		
10	64QAM	25	0	19.57	19.53	19.42	19.50	19.51	20.3	0
10	64QAM	25	12	19.34	19.29	19.42	19.33	19.43		
10	64QAM	25	25	19.50	19.44	19.51	19.54	19.51		
10	64QAM	50	0	19.43	19.43	19.32	19.43	19.38		
10	256QAM	1	0	18.95	18.93	19.09	18.80	18.91	19.8	0.5
10	256QAM	1	25	18.91	18.82	19.05	18.83	19.05		
10	256QAM	1	49	18.98	18.86	19.00	18.64	18.80		
10	256QAM	25	0	18.84	19.00	19.13	18.89	19.09	19.8	0.5
10	256QAM	25	12	19.06	19.07	19.02	19.04	19.07		
10	256QAM	25	25	18.73	19.00	19.04	18.93	19.03		
10	256QAM	50	0	18.93	19.03	19.01	18.93	18.95		
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	19.55	19.50	19.53	19.51	19.51	20.30	0
5	QPSK	1	12	19.55	19.58	19.51	19.46	19.47		
5	QPSK	1	24	19.54	19.44	19.50	19.55	19.46		
5	QPSK	12	0	19.44	19.50	19.45	19.47	19.40	20.3	0
5	QPSK	12	7	19.43	19.45	19.39	19.37	19.45		
5	QPSK	12	13	19.48	19.35	19.34	19.37	19.42		
5	QPSK	25	0	19.30	19.37	19.43	19.43	19.39		
5	16QAM	1	0	19.39	19.33	19.39	19.33	19.42	20.3	0
5	16QAM	1	12	19.47	19.57	19.56	19.51	19.43		
5	16QAM	1	24	19.57	19.52	19.49	19.46	19.52		
5	16QAM	12	0	19.40	19.44	19.51	19.41	19.47	20.3	0
5	16QAM	12	7	19.38	19.48	19.42	19.48	19.47		
5	16QAM	12	13	19.44	19.34	19.29	19.31	19.39		
5	16QAM	25	0	19.41	19.56	19.42	19.42	19.44		
5	64QAM	1	0	19.40	19.40	19.45	19.46	19.41	20.3	0
5	64QAM	1	12	19.31	19.36	19.41	19.43	19.43		
5	64QAM	1	24	19.32	19.39	19.39	19.43	19.35		
5	64QAM	12	0	19.55	19.52	19.50	19.47	19.57	20.3	0
5	64QAM	12	7	19.36	19.33	19.42	19.36	19.32		
5	64QAM	12	13	19.56	19.43	19.55	19.55	19.47		
5	64QAM	25	0	19.34	19.42	19.40	19.47	19.38		
5	256QAM	1	0	19.03	18.94	19.17	18.88	18.81	19.8	0.5
5	256QAM	1	12	18.82	18.85	18.96	18.90	18.99		
5	256QAM	1	24	18.91	19.01	18.93	18.69	18.95		
5	256QAM	12	0	18.73	18.85	19.02	18.90	19.10	19.8	0.5
5	256QAM	12	7	19.08	19.09	19.04	19.08	19.03		
5	256QAM	12	13	18.87	18.85	19.18	18.85	18.95		
5	256QAM	25	0	18.93	19.00	19.01	18.91	19.06		

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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	23.56	23.55	23.59	23.51	23.49	24.3	0
20	QPSK	1	49	23.34	23.42	23.39	23.33	23.28		
20	QPSK	1	99	23.28	23.36	23.49	23.32	23.21		
20	QPSK	50	0	22.40	22.56	22.60	22.49	22.40	23.3	1
20	QPSK	50	24	22.52	22.39	22.44	22.43	22.35		
20	QPSK	50	50	22.32	22.46	22.58	22.35	22.35		
20	QPSK	100	0	22.42	22.53	22.50	22.44	22.47		
20	16QAM	1	0	22.44	22.54	22.59	22.38	22.32	23.3	1
20	16QAM	1	49	22.56	22.42	22.61	22.36	22.51		
20	16QAM	1	99	22.46	22.35	22.44	22.38	22.38		
20	16QAM	50	0	21.30	21.30	21.30	21.24	21.40	22.3	2
20	16QAM	50	24	21.54	21.44	21.48	21.44	21.19		
20	16QAM	50	50	21.40	21.43	21.51	21.19	21.52		
20	16QAM	100	0	21.25	21.49	21.35	21.39	21.32		
20	64QAM	1	0	21.37	21.61	21.55	21.53	21.59	22.3	2
20	64QAM	1	49	21.43	21.75	21.52	21.69	21.41		
20	64QAM	1	99	21.42	21.75	21.51	21.39	21.49		
20	64QAM	50	0	20.38	20.23	20.29	20.30	20.25	21.3	3
20	64QAM	50	24	20.37	20.47	20.54	20.46	20.43		
20	64QAM	50	50	20.35	20.32	20.34	20.13	20.28		
20	64QAM	100	0	20.27	20.47	20.42	20.24	20.37		
20	256QAM	1	0	18.20	18.40	18.26	18.30	18.29	19.3	5
20	256QAM	1	49	18.50	18.31	18.50	18.45	18.37		
20	256QAM	1	99	18.33	18.33	18.49	18.34	18.40		
20	256QAM	50	0	18.38	18.23	18.44	18.18	18.28	19.3	5
20	256QAM	50	24	18.26	18.37	18.36	18.50	18.41		
20	256QAM	50	50	18.41	18.36	18.48	18.24	18.22		
20	256QAM	100	0	18.23	18.43	18.34	18.27	18.31		
Channel				39725	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	23.48	23.43	23.53	23.49	23.48	24.30	0
15	QPSK	1	37	23.21	23.37	23.27	23.28	23.16		
15	QPSK	1	74	23.24	23.28	23.35	23.26	23.09		
15	QPSK	36	0	22.34	22.40	22.28	22.42	22.31	23.3	1
15	QPSK	36	20	22.50	22.32	22.35	22.32	22.26		
15	QPSK	36	39	22.24	22.37	22.41	22.22	22.22		
15	QPSK	75	0	22.39	22.52	22.43	22.35	22.47		
15	16QAM	1	0	22.43	22.35	22.46	22.30	22.26	23.3	1
15	16QAM	1	37	22.55	22.29	22.42	22.24	22.36		
15	16QAM	1	74	22.36	22.28	22.33	22.22	22.32		
15	16QAM	36	0	21.16	21.14	21.16	21.10	21.22	22.3	2
15	16QAM	36	20	21.36	21.38	21.30	21.27	21.15		
15	16QAM	36	39	21.22	21.27	21.33	21.10	21.42		
15	16QAM	75	0	21.15	21.48	21.25	21.38	21.14		
15	64QAM	1	0	21.29	21.44	21.47	21.49	21.50	22.3	2
15	64QAM	1	37	21.36	21.65	21.45	21.53	21.23		
15	64QAM	1	74	21.33	21.60	21.42	21.21	21.46		
15	64QAM	36	0	20.20	20.16	20.11	20.19	20.06	21.3	3
15	64QAM	36	20	20.23	20.29	20.40	20.38	20.35		
15	64QAM	36	39	20.26	20.26	20.25	20.02	20.27		
15	64QAM	75	0	20.11	20.31	20.26	20.12	20.30		
15	256QAM	1	0	18.19	18.30	18.25	18.11	18.23	19.3	5
15	256QAM	1	37	18.40	18.22	18.40	18.43	18.28		
15	256QAM	1	74	18.26	18.25	18.42	18.18	18.40		
15	256QAM	36	0	18.35	18.17	18.40	18.01	18.25	19.3	5
15	256QAM	36	20	18.22	18.18	18.32	18.40	18.22		
15	256QAM	36	39	18.37	18.33	18.44	18.17	18.14		
15	256QAM	75	0	18.11	18.35	18.22	18.21	18.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.45	23.55	23.52	23.32	23.33	24.30	0
10	QPSK	1	25	23.22	23.39	23.35	23.14	23.12		
10	QPSK	1	49	23.19	23.26	23.34	23.23	23.21		
10	QPSK	25	0	22.30	22.55	22.24	22.49	22.23	23.3	1
10	QPSK	25	12	22.44	22.29	22.28	22.26	22.26		
10	QPSK	25	25	22.22	22.32	22.41	22.17	22.21		
10	QPSK	50	0	22.41	22.43	22.43	22.37	22.37		
10	16QAM	1	0	22.37	22.39	22.44	22.30	22.28	23.3	1
10	16QAM	1	25	22.47	22.24	22.58	22.18	22.36		
10	16QAM	1	49	22.41	22.24	22.35	22.37	22.28		
10	16QAM	25	0	21.23	21.16	21.23	21.17	21.29	22.3	2
10	16QAM	25	12	21.45	21.30	21.39	21.30	21.17		
10	16QAM	25	25	21.30	21.25	21.41	21.01	21.47		
10	16QAM	50	0	21.25	21.49	21.35	21.20	21.17		
10	64QAM	1	0	21.26	21.47	21.44	21.51	21.42	22.3	2
10	64QAM	1	25	21.26	21.69	21.35	21.60	21.39		
10	64QAM	1	49	21.36	21.63	21.45	21.25	21.35		
10	64QAM	25	0	20.20	20.17	20.11	20.12	20.16	21.3	3
10	64QAM	25	12	20.29	20.47	20.46	20.41	20.33		
10	64QAM	25	25	20.21	20.15	20.20	20.10	20.09		
10	64QAM	50	0	20.13	20.43	20.28	20.23	20.22		
10	256QAM	1	0	18.01	18.35	18.07	18.14	18.19	19.3	5
10	256QAM	1	25	18.34	18.25	18.34	18.39	18.20		
10	256QAM	1	49	18.24	18.31	18.40	18.16	18.24		
10	256QAM	25	0	18.35	18.08	18.40	18.16	18.28	19.3	5
10	256QAM	25	12	18.08	18.29	18.18	18.41	18.22		
10	256QAM	25	25	18.38	18.33	18.45	18.08	18.03		
10	256QAM	50	0	18.20	18.24	18.31	18.22	18.18		
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	23.42	23.41	23.42	23.51	23.45	24.30	0
5	QPSK	1	12	23.17	23.41	23.27	23.14	23.15		
5	QPSK	1	24	23.11	23.23	23.43	23.23	23.16		
5	QPSK	12	0	22.36	22.39	22.40	22.41	22.34	23.3	1
5	QPSK	12	7	22.44	22.31	22.29	22.26	22.28		
5	QPSK	12	13	22.15	22.45	22.51	22.28	22.35		
5	QPSK	25	0	22.42	22.42	22.40	22.31	22.40		
5	16QAM	1	0	22.40	22.46	22.52	22.34	22.23	23.3	1
5	16QAM	1	12	22.49	22.30	22.60	22.20	22.49		
5	16QAM	1	24	22.30	22.30	22.44	22.29	22.22		
5	16QAM	12	0	21.24	21.11	21.24	21.15	21.27	22.3	2
5	16QAM	12	7	21.41	21.29	21.35	21.39	21.02		
5	16QAM	12	13	21.39	21.30	21.50	21.08	21.44		
5	16QAM	25	0	21.08	21.48	21.18	21.35	21.22		
5	64QAM	1	0	21.23	21.56	21.41	21.39	21.52	22.3	2
5	64QAM	1	12	21.36	21.71	21.45	21.65	21.41		
5	64QAM	1	24	21.25	21.60	21.34	21.24	21.33		
5	64QAM	12	0	20.37	20.09	20.28	20.26	20.08	21.3	3
5	64QAM	12	7	20.32	20.46	20.49	20.37	20.34		
5	64QAM	12	13	20.29	20.26	20.28	19.99	20.16		
5	64QAM	25	0	20.14	20.44	20.29	20.19	20.35		
5	256QAM	1	0	18.18	18.37	18.24	18.14	18.26	19.3	5
5	256QAM	1	12	18.34	18.27	18.34	18.34	18.28		
5	256QAM	1	24	18.28	18.29	18.44	18.30	18.38		
5	256QAM	12	0	18.26	18.21	18.31	18.17	18.14	19.3	5
5	256QAM	12	7	18.11	18.24	18.21	18.33	18.39		
5	256QAM	12	13	18.34	18.22	18.41	18.09	18.15		
5	256QAM	25	0	18.10	18.33	18.21	18.24	18.24		

Band 41_Ant 4 (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	24.79	24.86	24.88	24.66	24.65	25.4	0
20	QPSK	1	49	24.78	24.81	24.71	24.61	24.62		
20	QPSK	1	99	24.63	24.8	24.74	24.64	24.6		
20	QPSK	50	0	23.85	23.91	23.96	23.71	23.6	24.4	1
20	QPSK	50	24	23.84	23.94	23.95	23.69	23.52		
20	QPSK	50	50	23.81	23.87	23.89	23.59	23.58		
20	QPSK	100	0	23.05	23.08	23.1	22.89	22.7		
20	16QAM	1	0	24.06	24.02	24.01	23.91	23.79	24.4	1
20	16QAM	1	49	24.09	24.11	24.05	23.93	23.88		
20	16QAM	1	99	23.95	24.19	24.05	24.07	23.97		
20	16QAM	50	0	22.81	22.84	22.77	22.64	22.48	23.4	2
20	16QAM	50	24	22.9	22.96	22.78	22.71	22.51		
20	16QAM	50	50	22.82	22.98	22.88	22.73	22.62		
20	16QAM	100	0	22.05	22.11	21.93	21.91	21.66		
20	64QAM	1	0	22.97	22.95	22.86	22.77	22.6	23.4	2
20	64QAM	1	49	23.01	23.1	22.82	22.89	22.69		
20	64QAM	1	99	22.83	23.02	23.02	22.85	22.75		
20	64QAM	50	0	21.79	21.82	21.73	21.64	21.49	22.4	3
20	64QAM	50	24	21.87	21.96	21.77	21.74	21.5		
20	64QAM	50	50	21.81	21.97	21.84	21.72	21.56		
20	64QAM	100	0	21.87	21.91	21.74	21.66	21.51		
20	256QAM	1	0	19.65	19.53	19.66	19.66	19.63	20.4	5
20	256QAM	1	49	19.45	19.45	19.60	19.56	19.45		
20	256QAM	1	99	19.53	19.55	19.62	19.51	19.47		
20	256QAM	50	0	19.47	19.39	19.57	19.55	19.40	20.4	5
20	256QAM	50	24	19.39	19.27	19.40	19.37	19.40		
20	256QAM	50	50	19.26	19.31	19.42	19.24	19.27		
20	256QAM	100	0	19.32	19.33	19.45	19.29	19.34		
Channel				39725	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	24.70	24.64	24.63	24.56	24.41	25.40	0
15	QPSK	1	37	24.68	24.79	24.69	24.55	24.43		
15	QPSK	1	74	24.57	24.78	24.67	24.59	24.43		
15	QPSK	36	0	23.72	23.78	23.71	23.60	23.47	24.4	1
15	QPSK	36	20	23.80	23.87	23.67	23.64	23.46		
15	QPSK	36	39	23.75	23.95	23.80	23.69	23.46		
15	QPSK	75	0	22.97	23.10	22.82	22.82	22.62		
15	16QAM	1	0	24.03	23.92	23.93	23.81	23.76	24.4	1
15	16QAM	1	37	24.00	24.16	24.04	23.92	23.76		
15	16QAM	1	74	23.94	24.18	24.02	23.96	23.85		
15	16QAM	36	0	22.75	22.73	22.71	22.56	22.43	23.4	2
15	16QAM	36	20	22.84	22.87	22.67	22.61	22.49		
15	16QAM	36	39	22.78	22.92	22.85	22.70	22.59		
15	16QAM	75	0	21.96	22.08	21.90	21.80	21.58		
15	64QAM	1	0	22.96	22.90	22.79	22.68	22.51	23.4	2
15	64QAM	1	37	22.89	23.00	22.80	22.81	22.65		
15	64QAM	1	74	22.75	22.96	22.94	22.77	22.63		
15	64QAM	36	0	21.73	21.75	21.72	21.58	21.39	22.4	3
15	64QAM	36	20	21.78	21.80	21.66	21.65	21.39		
15	64QAM	36	39	21.69	21.88	21.83	21.71	21.46		
15	64QAM	75	0	21.82	21.79	21.65	21.63	21.41		
15	256QAM	1	0	19.53	19.50	19.62	19.58	19.57	20.4	5
15	256QAM	1	37	19.34	19.39	19.52	19.55	19.38		
15	256QAM	1	74	19.52	19.52	19.54	19.48	19.41		
15	256QAM	36	0	19.44	19.27	19.47	19.52	19.37	20.4	5
15	256QAM	36	20	19.36	19.21	19.30	19.33	19.32		
15	256QAM	36	39	19.19	19.22	19.32	19.18	19.15		
15	256QAM	75	0	19.22	19.21	19.39	19.19	19.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.69	24.70	24.72	24.51	24.40	25.40	0
10	QPSK	1	25	24.69	24.71	24.59	24.54	24.43		
10	QPSK	1	49	24.56	24.78	24.67	24.61	24.49		
10	QPSK	25	0	23.80	23.80	23.67	23.61	23.45	24.4	1
10	QPSK	25	12	23.79	23.88	23.72	23.59	23.46		
10	QPSK	25	25	23.73	23.94	23.81	23.66	23.56		
10	QPSK	50	0	23.02	23.11	22.81	22.81	22.61		
10	16QAM	1	0	24.05	24.00	23.96	23.84	23.74	24.4	1
10	16QAM	1	25	24.05	24.03	24.00	23.89	23.80		
10	16QAM	1	49	23.87	24.09	24.01	24.02	23.91		
10	16QAM	25	0	22.71	22.72	22.69	22.58	22.36	23.4	2
10	16QAM	25	12	22.82	22.76	22.73	22.60	22.39		
10	16QAM	25	25	22.72	22.79	22.76	22.62	22.50		
10	16QAM	50	0	22.02	22.10	21.89	21.87	21.96		
10	64QAM	1	0	22.87	22.89	22.76	22.75	22.56	23.4	2
10	64QAM	1	25	22.99	22.99	22.77	22.82	22.61		
10	64QAM	1	49	22.80	22.93	22.95	22.73	22.71		
10	64QAM	25	0	21.75	21.79	21.70	21.53	21.41	22.4	3
10	64QAM	25	12	21.80	21.84	21.77	21.70	21.45		
10	64QAM	25	25	21.79	21.86	21.73	21.65	21.46		
10	64QAM	50	0	21.81	21.86	21.72	21.55	21.42		
10	256QAM	1	0	19.53	19.46	19.58	19.61	19.58	20.4	5
10	256QAM	1	25	19.35	19.38	19.55	19.52	19.43		
10	256QAM	1	49	19.45	19.52	19.51	19.48	19.42		
10	256QAM	25	0	19.46	19.29	19.49	19.51	19.38	20.4	5
10	256QAM	25	12	19.33	19.15	19.32	19.25	19.39		
10	256QAM	25	25	19.22	19.21	19.31	19.13	19.24		
10	256QAM	50	0	19.31	19.26	19.42	19.22	19.25		
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	24.71	24.67	24.65	24.51	24.32	25.40	0
5	QPSK	1	12	24.68	24.79	24.66	24.53	24.38		
5	QPSK	1	24	24.56	24.76	24.62	24.60	24.51		
5	QPSK	12	0	23.79	23.82	23.61	23.61	23.47	24.4	1
5	QPSK	12	7	23.83	23.85	23.69	23.62	23.44		
5	QPSK	12	13	23.76	23.90	23.78	23.60	23.51		
5	QPSK	25	0	22.94	23.01	22.90	22.83	22.66		
5	16QAM	1	0	23.98	23.95	23.92	23.82	23.69	24.4	1
5	16QAM	1	12	23.98	24.01	23.96	23.90	23.82		
5	16QAM	1	24	23.88	24.08	23.98	24.01	23.95		
5	16QAM	12	0	22.73	22.81	22.76	22.60	22.47	23.4	2
5	16QAM	12	7	22.87	22.84	22.66	22.70	22.48		
5	16QAM	12	13	22.76	22.86	22.86	22.67	22.57		
5	16QAM	25	0	21.93	22.07	21.84	21.87	21.59		
5	64QAM	1	0	22.88	22.92	22.75	22.72	22.54	23.4	2
5	64QAM	1	12	22.95	22.89	22.79	22.86	22.63		
5	64QAM	1	24	22.80	22.95	23.01	22.77	22.74		
5	64QAM	12	0	21.70	21.70	21.70	21.58	21.43	22.4	3
5	64QAM	12	7	21.76	21.85	21.71	21.62	21.44		
5	64QAM	12	13	21.80	21.91	21.80	21.60	21.55		
5	64QAM	25	0	21.83	21.80	21.62	21.64	21.44		
5	256QAM	1	0	19.64	19.52	19.63	19.62	19.58	20.4	5
5	256QAM	1	12	19.33	19.44	19.53	19.54	19.34		
5	256QAM	1	24	19.50	19.48	19.60	19.47	19.44		
5	256QAM	12	0	19.35	19.28	19.49	19.46	19.32	20.4	5
5	256QAM	12	7	19.31	19.20	19.28	19.26	19.31		
5	256QAM	12	13	19.23	19.24	19.39	19.13	19.17		
5	256QAM	25	0	19.22	19.32	19.38	19.27	19.29		

Band 41_Ant 5 (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	21.39	21.32	21.44	21.30	21.38	21.9	0
20	QPSK	1	49	21.22	21.20	21.30	21.19	21.30		
20	QPSK	1	99	21.27	21.25	21.31	21.16	21.22		
20	QPSK	50	0	21.22	21.26	21.32	21.26	21.22	21.9	0
20	QPSK	50	24	21.17	21.31	21.31	21.22	21.19		
20	QPSK	50	50	21.29	21.31	21.31	21.24	21.30		
20	QPSK	100	0	21.19	21.13	21.26	21.21	21.20		
20	16QAM	1	0	21.16	21.25	21.28	21.18	21.15	21.9	0
20	16QAM	1	49	21.17	21.21	21.32	21.25	21.19		
20	16QAM	1	99	21.33	21.22	21.33	21.21	21.33		
20	16QAM	50	0	21.28	21.26	21.28	21.15	21.24	21.9	0
20	16QAM	50	24	21.22	21.28	21.33	21.28	21.29		
20	16QAM	50	50	21.21	21.16	21.27	21.14	21.13		
20	16QAM	100	0	21.31	21.26	21.38	21.23	21.35		
20	64QAM	1	0	21.34	21.22	21.37	21.28	21.32	21.9	0
20	64QAM	1	49	21.30	21.30	21.30	21.28	21.25		
20	64QAM	1	99	21.31	21.26	21.35	21.35	21.21		
20	64QAM	50	0	21.35	21.20	21.35	21.21	21.33	21.9	0
20	64QAM	50	24	21.32	21.40	21.40	21.29	21.33		
20	64QAM	50	50	21.21	21.19	21.29	21.19	21.17		
20	64QAM	100	0	21.25	21.17	21.25	21.23	21.11		
20	256QAM	1	0	20.99	20.98	21.10	20.95	20.92	21.8	0.1
20	256QAM	1	49	20.97	20.99	21.05	20.89	21.04		
20	256QAM	1	99	21.01	20.95	21.01	20.83	20.88		
20	256QAM	50	0	20.86	20.95	21.00	20.93	20.98	21.8	0.1
20	256QAM	50	24	21.03	21.00	21.06	21.05	21.03		
20	256QAM	50	50	20.89	21.07	21.08	21.01	20.99		
20	256QAM	100	0	20.89	20.93	21.02	21.01	20.97		
Channel				39725	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	21.33	21.42	21.42	21.32	21.30	21.90	0
15	QPSK	1	37	21.19	21.15	21.22	21.30	21.29		
15	QPSK	1	74	21.28	21.29	21.27	21.31	21.28		
15	QPSK	36	0	21.21	21.27	21.31	21.29	21.18	21.9	0
15	QPSK	36	20	21.23	21.23	21.28	21.25	21.19		
15	QPSK	36	39	21.19	21.17	21.30	21.27	21.27		
15	QPSK	75	0	21.23	21.11	21.25	21.21	21.24		
15	16QAM	1	0	21.27	21.21	21.20	21.23	21.21	21.9	0
15	16QAM	1	37	21.21	21.23	21.28	21.17	21.23		
15	16QAM	1	74	21.19	21.26	21.20	21.27	21.33		
15	16QAM	36	0	21.20	21.27	21.25	21.20	21.19	21.9	0
15	16QAM	36	20	21.28	21.30	21.23	21.18	21.33		
15	16QAM	36	39	21.24	21.19	21.22	21.18	21.15		
15	16QAM	75	0	21.36	21.35	21.31	21.27	21.30		
15	64QAM	1	0	21.34	21.22	21.37	21.30	21.23	21.9	0
15	64QAM	1	37	21.29	21.19	21.21	21.18	21.28		
15	64QAM	1	74	21.35	21.24	21.21	21.29	21.30		
15	64QAM	36	0	21.35	21.30	21.28	21.32	21.32	21.9	0
15	64QAM	36	20	21.40	21.36	21.40	21.25	21.37		
15	64QAM	36	39	21.22	21.29	21.27	21.20	21.14		
15	64QAM	75	0	21.18	21.18	21.21	21.11	21.14		
15	256QAM	1	0	20.96	20.94	21.07	20.94	20.87	21.8	0.1
15	256QAM	1	37	20.94	20.83	21.02	20.89	21.01		
15	256QAM	1	74	20.99	20.81	20.99	20.77	20.74		
15	256QAM	36	0	20.75	20.80	20.89	20.75	20.98	21.8	0.1
15	256QAM	36	20	20.95	20.89	20.98	21.03	20.88		
15	256QAM	36	39	20.75	21.00	20.94	20.98	20.90		
15	256QAM	75	0	20.75	20.85	20.88	20.83	20.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	21.41	21.42	21.33	21.44	21.43	21.90	0
10	QPSK	1	25	21.16	21.30	21.21	21.28	21.19		
10	QPSK	1	49	21.27	21.17	21.27	21.19	21.27		
10	QPSK	25	0	21.21	21.27	21.28	21.26	21.22	21.9	0
10	QPSK	25	12	21.27	21.27	21.21	21.21	21.27		
10	QPSK	25	25	21.28	21.18	21.16	21.29	21.25		
10	QPSK	50	0	21.22	21.16	21.22	21.14	21.18		
10	16QAM	1	0	21.24	21.22	21.21	21.28	21.22	21.9	0
10	16QAM	1	25	21.25	21.21	21.17	21.25	21.28		
10	16QAM	1	49	21.25	21.18	21.23	21.26	21.22		
10	16QAM	25	0	21.21	21.15	21.17	21.22	21.16	21.9	0
10	16QAM	25	12	21.20	21.19	21.28	21.26	21.27		
10	16QAM	25	25	21.24	21.20	21.22	21.17	21.17		
10	16QAM	50	0	21.23	21.29	21.26	21.23	21.30		
10	64QAM	1	0	21.37	21.23	21.34	21.30	21.33	21.9	0
10	64QAM	1	25	21.15	21.21	21.21	21.27	21.21		
10	64QAM	1	49	21.26	21.27	21.29	21.33	21.22		
10	64QAM	25	0	21.33	21.20	21.22	21.24	21.20	21.9	0
10	64QAM	25	12	21.25	21.36	21.22	21.34	21.29		
10	64QAM	25	25	21.17	21.14	21.25	21.22	21.22		
10	64QAM	50	0	21.23	21.15	21.19	21.23	21.24		
10	256QAM	1	0	20.88	20.95	20.99	20.82	20.85	21.8	0.1
10	256QAM	1	25	20.95	20.95	21.03	20.81	21.02		
10	256QAM	1	49	20.91	20.94	20.91	20.66	20.70		
10	256QAM	25	0	20.86	20.83	21.00	20.76	20.96	21.8	0.1
10	256QAM	25	12	20.95	20.82	20.98	20.96	20.95		
10	256QAM	25	25	20.75	20.89	20.94	20.83	20.99		
10	256QAM	50	0	20.80	20.81	20.93	20.85	20.89		
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	21.36	21.34	21.34	21.37	21.37	21.90	0
5	QPSK	1	12	21.15	21.30	21.22	21.28	21.29		
5	QPSK	1	24	21.18	21.17	21.29	21.25	21.24		
5	QPSK	12	0	21.26	21.20	21.31	21.24	21.28	21.9	0
5	QPSK	12	7	21.16	21.22	21.31	21.22	21.24		
5	QPSK	12	13	21.16	21.31	21.19	21.30	21.16		
5	QPSK	25	0	21.11	21.25	21.17	21.25	21.21		
5	16QAM	1	0	21.14	21.24	21.15	21.16	21.18	21.9	0
5	16QAM	1	12	21.18	21.22	21.29	21.22	21.29		
5	16QAM	1	24	21.32	21.25	21.25	21.18	21.24		
5	16QAM	12	0	21.26	21.17	21.15	21.23	21.17	21.9	0
5	16QAM	12	7	21.30	21.28	21.26	21.33	21.27		
5	16QAM	12	13	21.19	21.23	21.22	21.12	21.16		
5	16QAM	25	0	21.38	21.36	21.32	21.31	21.32		
5	64QAM	1	0	21.34	21.36	21.36	21.31	21.22	21.9	0
5	64QAM	1	12	21.21	21.15	21.17	21.24	21.25		
5	64QAM	1	24	21.34	21.24	21.35	21.26	21.24		
5	64QAM	12	0	21.31	21.31	21.21	21.34	21.20	21.9	0
5	64QAM	12	7	21.36	21.40	21.30	21.37	21.36		
5	64QAM	12	13	21.22	21.22	21.16	21.25	21.24		
5	64QAM	25	0	21.20	21.19	21.21	21.16	21.10		
5	256QAM	1	0	20.85	20.93	20.96	20.81	20.83	21.8	0.1
5	256QAM	1	12	20.89	20.86	20.97	20.82	20.87		
5	256QAM	1	24	20.94	20.87	20.94	20.66	20.74		
5	256QAM	12	0	20.81	20.94	20.95	20.79	20.86	21.8	0.1
5	256QAM	12	7	20.87	20.92	20.90	20.98	21.00		
5	256QAM	12	13	20.82	21.07	21.01	21.01	20.98		
5	256QAM	25	0	20.84	20.92	20.97	20.84	20.92		

Band 41_Ant 6 (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	25.23	25.25	25.29	25.23	25.19	26.3	0
20	QPSK	1	49	25.12	25.15	25.20	25.14	25.14		
20	QPSK	1	99	25.00	24.97	25.07	24.97	25.02		
20	QPSK	50	0	24.21	24.23	24.31	24.24	24.20	25.3	1
20	QPSK	50	24	24.23	24.25	24.30	24.24	24.24		
20	QPSK	50	50	24.16	24.16	24.24	24.14	24.18		
20	QPSK	100	0	24.02	24.02	24.07	23.98	24.00		
20	16QAM	1	0	24.48	24.53	24.58	24.51	24.53	25.3	1
20	16QAM	1	49	24.75	24.74	24.81	24.75	24.75		
20	16QAM	1	99	24.38	24.33	24.43	24.37	24.38		
20	16QAM	50	0	23.32	23.32	23.41	23.31	23.36	24.3	2
20	16QAM	50	24	23.30	23.27	23.36	23.28	23.28		
20	16QAM	50	50	23.21	23.16	23.26	23.21	23.16		
20	16QAM	100	0	22.46	22.46	22.55	22.49	22.49		
20	64QAM	1	0	23.59	23.59	23.67	23.60	23.61	24.3	2
20	64QAM	1	49	23.42	23.37	23.47	23.42	23.37		
20	64QAM	1	99	23.27	23.27	23.35	23.28	23.28		
20	64QAM	50	0	22.27	22.26	22.35	22.25	22.25	23.3	3
20	64QAM	50	24	22.35	22.32	22.41	22.36	22.33		
20	64QAM	50	50	22.28	22.27	22.34	22.24	22.28		
20	64QAM	100	0	22.30	22.35	22.40	22.33	22.32		
20	256QAM	1	0	20.41	20.41	20.46	20.38	20.41	21.3	5
20	256QAM	1	49	20.50	20.50	20.57	20.49	20.50		
20	256QAM	1	99	20.32	20.31	20.40	20.32	20.35		
20	256QAM	50	0	20.38	20.38	20.43	20.38	20.36	21.3	5
20	256QAM	50	24	20.37	20.35	20.42	20.37	20.32		
20	256QAM	50	50	20.24	20.24	20.33	20.24	20.23		
20	256QAM	100	0	20.25	20.28	20.34	20.24	20.28		
Channel				39725	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	25.15	25.12	25.25	25.20	25.12	26.30	0
15	QPSK	1	37	24.93	25.10	25.12	25.05	25.08		
15	QPSK	1	74	24.90	24.80	24.94	24.89	25.01		
15	QPSK	36	0	24.10	24.16	24.14	24.20	24.13	25.3	1
15	QPSK	36	20	24.13	24.16	24.12	24.11	24.12		
15	QPSK	36	39	24.01	24.01	24.08	23.98	24.04		
15	QPSK	75	0	23.84	23.85	23.88	23.97	23.95		
15	16QAM	1	0	24.40	24.35	24.52	24.49	24.46	25.3	1
15	16QAM	1	37	24.62	24.67	24.66	24.56	24.67		
15	16QAM	1	74	24.37	24.20	24.35	24.21	24.37		
15	16QAM	36	0	23.25	23.22	23.34	23.19	23.26	24.3	2
15	16QAM	36	20	23.20	23.18	23.26	23.18	23.14		
15	16QAM	36	39	23.05	23.01	23.10	23.12	23.09		
15	16QAM	75	0	22.45	22.35	22.54	22.39	22.45		
15	64QAM	1	0	23.56	23.45	23.58	23.56	23.60	24.3	2
15	64QAM	1	37	23.23	23.23	23.28	23.39	23.21		
15	64QAM	1	74	23.19	23.12	23.27	23.14	23.23		
15	64QAM	36	0	22.25	22.16	22.33	22.13	22.21	23.3	3
15	64QAM	36	20	22.35	22.31	22.41	22.28	22.27		
15	64QAM	36	39	22.09	22.13	22.15	22.24	22.09		
15	64QAM	75	0	22.13	22.25	22.23	22.15	22.22		
15	256QAM	1	0	20.38	20.41	20.43	20.28	20.32	21.3	5
15	256QAM	1	37	20.44	20.36	20.51	20.49	20.36		
15	256QAM	1	74	20.28	20.25	20.36	20.30	20.27		
15	256QAM	36	0	20.31	20.26	20.41	20.29	20.20	21.3	5
15	256QAM	36	20	20.27	20.21	20.32	20.30	20.26		
15	256QAM	36	39	20.20	20.14	20.29	20.09	20.17		
15	256QAM	75	0	20.17	20.20	20.26	20.21	20.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	25.13	25.21	25.15	25.04	25.18	26.30	0
10	QPSK	1	25	25.10	25.03	25.20	25.11	24.97		
10	QPSK	1	49	24.87	24.91	25.04	24.84	24.91		
10	QPSK	25	0	24.03	24.14	24.27	24.17	24.15	25.3	1
10	QPSK	25	12	24.13	24.14	24.28	24.05	24.23		
10	QPSK	25	25	23.99	24.16	24.22	23.95	24.15		
10	QPSK	50	0	23.98	23.92	23.88	23.90	23.82		
10	16QAM	1	0	24.38	24.42	24.39	24.47	24.46	25.3	1
10	16QAM	1	25	24.56	24.62	24.60	24.50	24.61		
10	16QAM	1	49	24.38	24.16	24.28	24.25	24.34		
10	16QAM	25	0	23.17	23.13	23.26	23.29	23.33	24.3	2
10	16QAM	25	12	23.29	23.17	23.35	23.13	23.19		
10	16QAM	25	25	23.13	22.98	23.18	23.12	22.98		
10	16QAM	50	0	22.35	22.33	22.44	22.48	22.31		
10	64QAM	1	0	23.50	23.55	23.58	23.43	23.49	24.3	2
10	64QAM	1	25	23.28	23.36	23.33	23.37	23.20		
10	64QAM	1	49	23.27	23.09	23.35	23.16	23.20		
10	64QAM	25	0	22.08	22.07	22.16	22.08	22.11	23.3	3
10	64QAM	25	12	22.16	22.16	22.26	22.27	22.23		
10	64QAM	25	25	22.13	22.27	22.19	22.23	22.13		
10	64QAM	50	0	22.28	22.23	22.38	22.22	22.29		
10	256QAM	1	0	20.27	20.23	20.32	20.22	20.36	21.3	5
10	256QAM	1	25	20.39	20.32	20.46	20.40	20.40		
10	256QAM	1	49	20.25	20.31	20.33	20.20	20.21		
10	256QAM	25	0	20.24	20.31	20.34	20.30	20.22	21.3	5
10	256QAM	25	12	20.28	20.27	20.33	20.20	20.16		
10	256QAM	25	25	20.23	20.24	20.32	20.13	20.05		
10	256QAM	50	0	20.08	20.12	20.17	20.22	20.19		
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	25.12	25.06	25.16	25.16	25.16	26.30	0
5	QPSK	1	12	24.94	25.14	25.02	24.97	25.07		
5	QPSK	1	24	24.91	24.97	25.03	24.93	24.95		
5	QPSK	12	0	24.06	24.17	24.12	24.06	24.06	25.3	1
5	QPSK	12	7	24.14	24.24	24.19	24.22	24.08		
5	QPSK	12	13	24.10	24.06	24.15	24.11	24.15		
5	QPSK	25	0	24.00	23.92	24.04	23.83	23.88		
5	16QAM	1	0	24.46	24.47	24.50	24.34	24.44	25.3	1
5	16QAM	1	12	24.69	24.60	24.63	24.69	24.71		
5	16QAM	1	24	24.34	24.30	24.43	24.27	24.23		
5	16QAM	12	0	23.20	23.19	23.29	23.18	23.25	24.3	2
5	16QAM	12	7	23.20	23.11	23.26	23.22	23.14		
5	16QAM	12	13	23.11	22.97	23.16	23.20	23.12		
5	16QAM	25	0	22.39	22.42	22.48	22.31	22.38		
5	64QAM	1	0	23.55	23.49	23.50	23.51	23.51	24.3	2
5	64QAM	1	12	23.26	23.26	23.31	23.42	23.32		
5	64QAM	1	24	23.16	23.10	23.24	23.25	23.15		
5	64QAM	12	0	22.27	22.22	22.35	22.08	22.22	23.3	3
5	64QAM	12	7	22.19	22.32	22.25	22.19	22.33		
5	64QAM	12	13	22.26	22.22	22.32	22.17	22.20		
5	64QAM	25	0	22.14	22.26	22.24	22.27	22.25		
5	256QAM	1	0	20.40	20.31	20.45	20.21	20.28	21.3	5
5	256QAM	1	12	20.31	20.37	20.38	20.47	20.31		
5	256QAM	1	24	20.27	20.14	20.35	20.20	20.18		
5	256QAM	12	0	20.20	20.37	20.30	20.25	20.21	21.3	5
5	256QAM	12	7	20.24	20.19	20.29	20.20	20.25		
5	256QAM	12	13	20.17	20.07	20.26	20.13	20.12		
5	256QAM	25	0	20.10	20.11	20.19	20.06	20.17		

Band 48_Ant 6

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	19.98	19.83	19.87	19.76	20.8	4
20	QPSK	1	49	23.95	23.92	23.83	23.76	24.8	0
20	QPSK	1	99	19.91	19.89	19.86	19.73	20.8	4
20	QPSK	50	0	23.11	23.08	23.10	22.99	23.8	1
20	QPSK	50	24	23.07	22.98	23.05	22.87	23.8	1
20	QPSK	50	50	23.04	23.04	23.09	22.96	23.8	1
20	QPSK	100	0	20.18	19.98	19.89	19.90	20.8	4
20	16QAM	1	0	19.09	18.98	18.75	18.71	19.8	4
20	16QAM	1	49	23.06	22.99	22.97	22.90	23.8	1
20	16QAM	1	99	19.00	18.89	18.97	18.87	19.8	4
20	16QAM	50	0	21.98	21.88	21.85	21.90	22.8	2
20	16QAM	50	24	22.12	22.09	22.00	21.81	22.8	2
20	16QAM	50	50	22.01	21.98	21.97	21.88	22.8	2
20	16QAM	100	0	19.00	18.89	19.00	18.82	19.8	4
20	64QAM	1	0	17.69	17.74	17.81	17.73	18.8	6
20	64QAM	1	49	21.83	21.74	21.83	21.73	22.8	2
20	64QAM	1	99	17.76	17.77	17.74	17.72	18.8	6
20	64QAM	50	0	20.96	20.94	20.93	20.99	21.8	3
20	64QAM	50	24	20.96	21.00	21.01	21.04	21.8	3
20	64QAM	50	50	20.93	20.90	20.95	20.85	21.8	3
20	64QAM	100	0	17.95	18.02	17.96	18.00	18.8	6
20	256QAM	1	0	14.86	15.00	14.78	14.90	15.8	9
20	256QAM	1	49	18.91	18.92	18.89	18.82	19.8	5
20	256QAM	1	99	14.98	14.78	14.89	15.01	15.8	9
20	256QAM	50	0	18.91	18.79	18.87	19.15	19.8	5
20	256QAM	50	24	19.01	19.09	18.92	18.80	19.8	5
20	256QAM	50	50	18.82	18.80	18.89	18.97	19.8	5
20	256QAM	100	0	16.06	16.09	16.12	16.22	16.8	8
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	19.90	19.91	19.98	19.89	20.8	4
15	QPSK	1	37	23.74	23.88	23.81	23.80	24.8	0
15	QPSK	1	74	19.98	20.08	19.96	20.02	20.8	4
15	QPSK	36	0	23.08	23.01	23.01	23.09	24.8	0
15	QPSK	36	20	23.08	23.06	22.99	23.03	24.8	0
15	QPSK	36	39	23.04	22.93	23.02	22.91	24.8	0
15	QPSK	75	0	21.04	21.12	21.14	21.18	21.8	3
15	16QAM	1	0	19.17	19.24	19.20	19.28	19.8	5
15	16QAM	1	37	22.63	22.73	22.68	22.68	23.8	1
15	16QAM	1	74	18.84	18.87	18.87	18.98	19.8	5
15	16QAM	36	0	22.05	22.02	22.13	22.08	22.8	2
15	16QAM	36	20	22.05	22.09	22.04	22.11	22.8	2
15	16QAM	36	39	22.13	22.09	22.08	22.13	22.8	2
15	16QAM	75	0	22.01	22.07	22.06	22.07	22.8	2
15	64QAM	1	0	19.07	19.07	19.01	19.08	19.8	5
15	64QAM	1	37	23.28	23.21	23.23	23.25	23.8	1
15	64QAM	1	74	19.10	19.07	19.06	19.11	19.8	5
15	64QAM	36	0	21.99	22.09	22.04	22.02	22.8	2
15	64QAM	36	20	22.10	22.17	22.18	22.05	22.8	2
15	64QAM	36	39	22.15	22.06	22.06	22.15	22.8	2
15	64QAM	75	0	22.12	22.13	22.17	22.18	22.8	2
15	256QAM	1	0	14.88	14.98	15.01	14.91	15.8	9
15	256QAM	1	37	19.04	19.09	19.07	19.02	19.8	5
15	256QAM	1	74	15.00	14.98	15.01	15.04	15.8	9
15	256QAM	36	0	19.07	19.05	19.11	19.02	19.8	5
15	256QAM	36	20	19.06	19.10	19.17	19.06	19.8	5
15	256QAM	36	39	19.08	19.12	19.09	19.11	19.8	5
15	256QAM	75	0	17.15	17.13	17.25	17.11	17.8	7
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	23.83	23.87	23.79	23.77	24.8	0
10	QPSK	1	25	23.74	23.68	23.73	23.66		
10	QPSK	1	49	23.83	23.80	23.85	23.86		
10	QPSK	25	0	23.20	23.28	23.16	23.26	23.8	1
10	QPSK	25	12	23.32	23.32	23.27	23.23		
10	QPSK	25	25	23.28	23.23	23.30	23.30		
10	QPSK	50	0	23.26	23.24	23.25	23.22		
10	16QAM	1	0	22.25	22.12	22.25	22.15	23.8	1
10	16QAM	1	25	22.09	22.09	22.15	22.20		
10	16QAM	1	49	22.28	22.33	22.35	22.23		
10	16QAM	25	0	21.16	21.20	21.14	21.21	22.8	2
10	16QAM	25	12	21.32	21.34	21.23	21.30		
10	16QAM	25	25	21.36	21.35	21.35	21.15		
10	16QAM	50	0	21.14	21.27	21.17	21.26		
10	64QAM	1	0	21.97	21.91	21.95	21.87	22.8	2
10	64QAM	1	25	22.06	22.10	21.95	22.03		
10	64QAM	1	49	21.92	21.97	21.98	21.93		
10	64QAM	25	0	21.09	21.02	20.99	21.10	21.8	3
10	64QAM	25	12	21.05	21.10	21.11	21.04		
10	64QAM	25	25	21.01	21.05	20.93	20.93		
10	64QAM	50	0	21.02	21.16	21.15	21.03		
10	256QAM	1	0	19.34	19.29	19.22	19.35	19.8	5
10	256QAM	1	25	19.29	19.26	19.29	19.19		
10	256QAM	1	49	19.29	19.31	19.24	19.17		
10	256QAM	25	0	19.13	19.25	19.25	19.15	19.8	5
10	256QAM	25	12	19.26	19.25	19.28	19.25		
10	256QAM	25	25	19.32	19.23	19.35	19.26		
10	256QAM	50	0	19.22	19.33	19.20	19.27		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.82	23.84	23.86	23.85	24.8	0
5	QPSK	1	12	23.86	23.73	23.85	23.83		
5	QPSK	1	24	23.89	23.77	23.81	23.89		
5	QPSK	12	0	23.26	23.22	23.28	23.24	23.8	1
5	QPSK	12	7	23.24	23.28	23.22	23.35		
5	QPSK	12	13	23.35	23.28	23.26	23.31		
5	QPSK	25	0	23.15	23.27	23.15	23.29		
5	16QAM	1	0	23.10	23.11	23.18	23.10	23.8	1
5	16QAM	1	12	23.30	23.37	23.35	23.34		
5	16QAM	1	24	23.17	23.21	23.20	23.27		
5	16QAM	12	0	22.10	22.18	22.12	22.21	22.8	2
5	16QAM	12	7	22.37	22.38	22.31	22.39		
5	16QAM	12	13	22.24	22.24	22.21	22.19		
5	16QAM	25	0	22.25	22.25	22.25	22.27		
5	64QAM	1	0	21.90	21.89	21.83	21.85	22.8	2
5	64QAM	1	12	22.03	22.01	21.95	21.95		
5	64QAM	1	24	22.02	21.98	21.90	21.96		
5	64QAM	12	0	21.08	21.11	21.11	21.10	21.8	3
5	64QAM	12	7	21.10	21.12	21.07	21.06		
5	64QAM	12	13	20.99	21.00	20.95	21.01		
5	64QAM	25	0	21.05	21.17	21.17	21.12		
5	256QAM	1	0	19.01	19.04	19.06	18.96	19.8	5
5	256QAM	1	12	19.20	19.23	19.12	19.13		
5	256QAM	1	24	18.96	19.10	18.96	18.97		
5	256QAM	12	0	19.29	19.19	19.26	19.26	19.8	5
5	256QAM	12	7	19.12	19.14	19.23	19.26		
5	256QAM	12	13	19.30	19.31	19.29	19.22		
5	256QAM	25	0	19.23	19.13	19.21	19.16		

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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)				3560	3609	3641	3690		
20	QPSK	1	0	19.55	19.33	19.40	19.43	20.8	0
20	QPSK	1	49	19.34	19.37	19.22	19.38		
20	QPSK	1	99	19.35	19.41	19.22	19.27		
20	QPSK	50	0	19.38	19.36	19.39	19.29	20.8	0
20	QPSK	50	24	19.52	19.31	19.29	19.38		
20	QPSK	50	50	19.36	19.27	19.20	19.24		
20	QPSK	100	0	19.49	19.23	19.26	19.34		
20	16QAM	1	0	19.49	19.28	19.31	19.48	20.8	0
20	16QAM	1	49	19.43	19.27	19.28	19.34		
20	16QAM	1	99	19.47	19.36	19.37	19.42		
20	16QAM	50	0	19.39	19.28	19.19	19.47	20.8	0
20	16QAM	50	24	19.38	19.34	19.20	19.19		
20	16QAM	50	50	19.40	19.36	19.37	19.31		
20	16QAM	100	0	19.51	19.24	19.19	19.45		
20	64QAM	1	0	19.38	19.32	19.30	19.45	20.8	0
20	64QAM	1	49	19.33	19.36	19.17	19.41		
20	64QAM	1	99	19.48	19.33	19.22	19.34		
20	64QAM	50	0	19.36	19.20	19.41	19.47	20.8	0
20	64QAM	50	24	19.47	19.28	19.29	19.30		
20	64QAM	50	50	19.44	19.19	19.29	19.35		
20	64QAM	100	0	19.34	19.25	19.23	19.19		
20	256QAM	1	0	17.65	17.48	17.46	17.54	18.8	2
20	256QAM	1	49	17.62	17.60	17.60	17.43		
20	256QAM	1	99	17.60	17.46	17.54	17.56		
20	256QAM	50	0	17.58	17.41	17.43	17.44	18.8	2
20	256QAM	50	24	17.66	17.59	17.56	17.55		
20	256QAM	50	50	17.52	17.47	17.42	17.46		
20	256QAM	100	0	17.69	17.66	17.53	17.52		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	19.43	19.28	19.21	19.29	20.8	0
15	QPSK	1	37	19.18	19.28	19.13	19.27		
15	QPSK	1	74	19.35	19.30	19.03	19.14		
15	QPSK	36	0	19.38	19.32	19.36	19.16	20.8	0
15	QPSK	36	20	19.41	19.20	19.21	19.34		
15	QPSK	36	39	19.31	19.22	19.01	19.24		
15	QPSK	75	0	19.49	19.05	19.15	19.23		
15	16QAM	1	0	19.49	19.22	19.12	19.41	20.8	0
15	16QAM	1	37	19.41	19.26	19.15	19.20		
15	16QAM	1	74	19.39	19.19	19.30	19.30		
15	16QAM	36	0	19.35	19.15	19.16	19.40	20.8	0
15	16QAM	36	20	19.35	19.20	19.15	19.18		
15	16QAM	36	39	19.37	19.26	19.18	19.17		
15	16QAM	75	0	19.43	19.18	19.07	19.30		
15	64QAM	1	0	19.37	19.32	19.30	19.27	20.8	0
15	64QAM	1	37	19.28	19.25	19.11	19.26		
15	64QAM	1	74	19.39	19.28	19.10	19.32		
15	64QAM	36	0	19.33	19.02	19.31	19.29	20.8	0
15	64QAM	36	20	19.34	19.26	19.25	19.17		
15	64QAM	36	39	19.35	19.07	19.19	19.17		
15	64QAM	75	0	19.27	19.08	19.18	19.06		
15	256QAM	1	0	17.53	17.31	17.43	17.40	18.8	2
15	256QAM	1	37	17.57	17.57	17.50	17.35		
15	256QAM	1	74	17.55	17.35	17.38	17.41		
15	256QAM	36	0	17.54	17.22	17.24	17.41	18.8	2
15	256QAM	36	20	17.55	17.45	17.55	17.48		
15	256QAM	36	39	17.43	17.44	17.23	17.37		
15	256QAM	75	0	17.61	17.65	17.41	17.41		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	19.53	19.28	19.24	19.28	20.8	0
10	QPSK	1	25	19.18	19.34	19.10	19.25		
10	QPSK	1	49	19.24	19.28	19.18	19.24		
10	QPSK	25	0	19.36	19.34	19.25	19.13	20.8	0
10	QPSK	25	12	19.36	19.22	19.17	19.31		
10	QPSK	25	25	19.20	19.08	19.15	19.24		
10	QPSK	50	0	19.48	19.05	19.17	19.32		
10	16QAM	1	0	19.43	19.23	19.30	19.33	20.8	0
10	16QAM	1	25	19.32	19.20	19.24	19.27		
10	16QAM	1	49	19.34	19.17	19.32	19.38		
10	16QAM	25	0	19.23	19.15	19.01	19.30	20.8	0
10	16QAM	25	12	19.34	19.23	19.09	19.18		
10	16QAM	25	25	19.25	19.33	19.26	19.15		
10	16QAM	50	0	19.36	19.18	19.06	19.44		
10	64QAM	1	0	19.25	19.30	19.22	19.31	20.8	0
10	64QAM	1	25	19.29	19.31	19.11	19.33		
10	64QAM	1	49	19.42	19.20	19.09	19.25		
10	64QAM	25	0	19.35	19.15	19.33	19.43	20.8	0
10	64QAM	25	12	19.44	19.18	19.12	19.24		
10	64QAM	25	25	19.31	19.13	19.16	19.30		
10	64QAM	50	0	19.17	19.10	19.12	19.17		
10	256QAM	1	0	17.56	17.33	17.32	17.44	18.8	2
10	256QAM	1	25	17.57	17.42	17.58	17.28		
10	256QAM	1	49	17.41	17.30	17.50	17.56		
10	256QAM	25	0	17.40	17.26	17.29	17.34	18.8	2
10	256QAM	25	12	17.49	17.57	17.53	17.53		
10	256QAM	25	25	17.50	17.28	17.40	17.34		
10	256QAM	50	0	17.66	17.54	17.53	17.39		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	19.55	19.16	19.33	19.27	20.8	0
5	QPSK	1	12	19.19	19.30	19.22	19.35		
5	QPSK	1	24	19.32	19.24	19.20	19.14		
5	QPSK	12	0	19.26	19.17	19.25	19.28	20.8	0
5	QPSK	12	7	19.38	19.17	19.28	19.38		
5	QPSK	12	13	19.31	19.10	19.04	19.13		
5	QPSK	25	0	19.40	19.23	19.10	19.30		
5	16QAM	1	0	19.36	19.19	19.29	19.35	20.8	0
5	16QAM	1	12	19.42	19.20	19.14	19.31		
5	16QAM	1	24	19.38	19.32	19.31	19.29		
5	16QAM	12	0	19.36	19.10	19.00	19.42	20.8	0
5	16QAM	12	7	19.24	19.27	19.05	19.05		
5	16QAM	12	13	19.36	19.17	19.19	19.13		
5	16QAM	25	0	19.41	19.14	19.14	19.36		
5	64QAM	1	0	19.36	19.21	19.29	19.37	20.8	0
5	64QAM	1	12	19.21	19.23	19.06	19.38		
5	64QAM	1	24	19.31	19.22	19.05	19.16		
5	64QAM	12	0	19.26	19.15	19.34	19.39	20.8	0
5	64QAM	12	7	19.35	19.10	19.20	19.22		
5	64QAM	12	13	19.39	19.14	19.16	19.32		
5	64QAM	25	0	19.33	19.21	19.19	19.12		
5	256QAM	1	0	17.51	17.37	17.27	17.52	18.8	2
5	256QAM	1	12	17.44	17.54	17.59	17.40		
5	256QAM	1	24	17.52	17.40	17.52	17.42		
5	256QAM	12	0	17.54	17.40	17.26	17.26	18.8	2
5	256QAM	12	7	17.64	17.47	17.50	17.43		
5	256QAM	12	13	17.36	17.31	17.42	17.32		
5	256QAM	25	0	17.69	17.54	17.46	17.47		

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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)				3560	3609	3641	3690		
20	QPSK	1	0	17.08	16.76	16.81	16.65	18.3	0
20	QPSK	1	49	17.01	16.84	16.84	16.68		
20	QPSK	1	99	16.99	16.79	16.88	16.87		
20	QPSK	50	0	16.92	16.75	16.91	16.80	18.3	0
20	QPSK	50	24	16.96	16.76	16.66	16.75		
20	QPSK	50	50	16.85	16.84	16.81	16.86		
20	QPSK	100	0	16.89	16.68	16.62	16.63		
20	16QAM	1	0	17.03	16.91	16.81	16.69	18.3	0
20	16QAM	1	49	17.01	16.78	16.72	16.70		
20	16QAM	1	99	16.98	16.74	16.85	16.72		
20	16QAM	50	0	17.07	16.79	16.78	16.81	18.3	0
20	16QAM	50	24	16.94	16.73	16.68	16.76		
20	16QAM	50	50	16.93	16.88	16.81	16.68		
20	16QAM	100	0	17.01	16.73	16.85	16.64		
20	64QAM	1	0	16.97	16.70	16.86	16.77	18.3	0
20	64QAM	1	49	16.86	16.72	16.71	16.80		
20	64QAM	1	99	17.04	16.84	16.78	16.68		
20	64QAM	50	0	16.91	16.81	16.75	16.80	18.3	0
20	64QAM	50	24	16.87	16.76	16.91	16.83		
20	64QAM	50	50	16.98	16.78	16.89	16.77		
20	64QAM	100	0	17.03	16.74	16.66	16.68		
20	256QAM	1	0	16.89	16.78	16.86	16.77	18.3	0
20	256QAM	1	49	16.94	16.83	16.89	16.75		
20	256QAM	1	99	16.93	16.79	16.76	16.67		
20	256QAM	50	0	16.81	16.83	16.74	16.84	18.3	0
20	256QAM	50	24	16.92	16.83	16.79	16.62		
20	256QAM	50	50	16.93	16.86	16.79	16.75		
20	256QAM	100	0	16.88	16.71	16.75	16.80		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	17.00	16.76	16.77	16.58	18.3	0
15	QPSK	1	37	16.95	16.81	16.67	16.66		
15	QPSK	1	74	16.93	16.62	16.87	16.84		
15	QPSK	36	0	16.91	16.58	16.85	16.68	18.3	0
15	QPSK	36	20	16.79	16.64	16.58	16.62		
15	QPSK	36	39	16.67	16.72	16.62	16.84		
15	QPSK	75	0	16.70	16.52	16.56	16.52		
15	16QAM	1	0	16.99	16.83	16.76	16.65	18.3	0
15	16QAM	1	37	16.83	16.67	16.53	16.59		
15	16QAM	1	74	16.79	16.60	16.70	16.72		
15	16QAM	36	0	16.92	16.63	16.61	16.65	18.3	0
15	16QAM	36	20	16.89	16.66	16.64	16.62		
15	16QAM	36	39	16.76	16.75	16.74	16.57		
15	16QAM	75	0	16.85	16.66	16.85	16.52		
15	64QAM	1	0	16.94	16.68	16.75	16.63	18.3	0
15	64QAM	1	37	16.80	16.57	16.54	16.77		
15	64QAM	1	74	16.99	16.72	16.77	16.60		
15	64QAM	36	0	16.82	16.63	16.60	16.68	18.3	0
15	64QAM	36	20	16.76	16.74	16.76	16.64		
15	64QAM	36	39	16.85	16.62	16.72	16.63		
15	64QAM	75	0	16.94	16.55	16.53	16.67		
15	256QAM	1	0	16.86	16.69	16.77	16.58	18.3	0
15	256QAM	1	37	16.77	16.80	16.81	16.67		
15	256QAM	1	74	16.79	16.65	16.57	16.66		
15	256QAM	36	0	16.73	16.66	16.70	16.75	18.3	0
15	256QAM	36	20	16.88	16.79	16.79	16.54		
15	256QAM	36	39	16.76	16.75	16.68	16.63		
15	256QAM	75	0	16.85	16.70	16.65	16.73		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	16.92	16.61	16.68	16.63	18.3	0
10	QPSK	1	25	16.92	16.74	16.77	16.64		
10	QPSK	1	49	16.98	16.73	16.84	16.72		
10	QPSK	25	0	16.87	16.61	16.84	16.63	18.3	0
10	QPSK	25	12	16.79	16.75	16.55	16.66		
10	QPSK	25	25	16.79	16.77	16.78	16.85		
10	QPSK	50	0	16.83	16.56	16.62	16.59		
10	16QAM	1	0	16.91	16.81	16.65	16.67	18.3	0
10	16QAM	1	25	16.92	16.69	16.69	16.56		
10	16QAM	1	49	16.91	16.60	16.67	16.69		
10	16QAM	25	0	17.04	16.74	16.71	16.74	18.3	0
10	16QAM	25	12	16.91	16.73	16.56	16.60		
10	16QAM	25	25	16.90	16.76	16.79	16.63		
10	16QAM	50	0	16.87	16.66	16.78	16.56		
10	64QAM	1	0	16.80	16.61	16.79	16.64	18.3	0
10	64QAM	1	25	16.77	16.65	16.56	16.69		
10	64QAM	1	49	16.92	16.79	16.61	16.65		
10	64QAM	25	0	16.73	16.64	16.62	16.71	18.3	0
10	64QAM	25	12	16.69	16.72	16.86	16.73		
10	64QAM	25	25	16.85	16.63	16.78	16.58		
10	64QAM	50	0	16.97	16.58	16.59	16.51		
10	256QAM	1	0	16.71	16.78	16.67	16.68	18.3	0
10	256QAM	1	25	16.84	16.73	16.87	16.75		
10	256QAM	1	49	16.88	16.75	16.71	16.66		
10	256QAM	25	0	16.68	16.82	16.66	16.73	18.3	0
10	256QAM	25	12	16.87	16.71	16.74	16.54		
10	256QAM	25	25	16.91	16.72	16.68	16.67		
10	256QAM	50	0	16.76	16.67	16.58	16.70		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	16.98	16.58	16.70	16.62	18.3	0
5	QPSK	1	12	16.84	16.83	16.77	16.55		
5	QPSK	1	24	16.80	16.77	16.86	16.86		
5	QPSK	12	0	16.91	16.70	16.78	16.62	18.3	0
5	QPSK	12	7	16.92	16.72	16.65	16.61		
5	QPSK	12	13	16.85	16.72	16.65	16.85		
5	QPSK	25	0	16.70	16.57	16.62	16.61		
5	16QAM	1	0	16.88	16.72	16.79	16.54	18.3	0
5	16QAM	1	12	16.86	16.72	16.66	16.62		
5	16QAM	1	24	16.89	16.60	16.84	16.54		
5	16QAM	12	0	16.94	16.72	16.72	16.68	18.3	0
5	16QAM	12	7	16.79	16.67	16.66	16.65		
5	16QAM	12	13	16.75	16.79	16.66	16.61		
5	16QAM	25	0	17.01	16.70	16.74	16.50		
5	64QAM	1	0	16.82	16.68	16.70	16.67	18.3	0
5	64QAM	1	12	16.74	16.70	16.52	16.68		
5	64QAM	1	24	16.97	16.73	16.67	16.66		
5	64QAM	12	0	16.88	16.77	16.74	16.68	18.3	0
5	64QAM	12	7	16.68	16.59	16.75	16.70		
5	64QAM	12	13	16.88	16.74	16.82	16.71		
5	64QAM	25	0	16.85	16.61	16.66	16.60		
5	256QAM	1	0	16.70	16.78	16.76	16.75	18.3	0
5	256QAM	1	12	16.91	16.75	16.71	16.68		
5	256QAM	1	24	16.83	16.65	16.60	16.51		
5	256QAM	12	0	16.66	16.64	16.60	16.74	18.3	0
5	256QAM	12	7	16.90	16.70	16.60	16.58		
5	256QAM	12	13	16.85	16.77	16.63	16.75		
5	256QAM	25	0	16.86	16.65	16.70	16.67		

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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)				3560	3609	3641	3690		
20	QPSK	1	0	19.71	19.65	19.56	19.60	20.8	4
20	QPSK	1	49	23.81	23.53	23.58	23.55	24.8	0
20	QPSK	1	99	19.73	19.63	19.58	19.67	20.8	4
20	QPSK	50	0	22.84	22.65	22.72	22.76	23.8	1
20	QPSK	50	24	22.80	22.68	22.78	22.70	23.8	1
20	QPSK	50	50	22.81	22.68	22.66	22.63	23.8	1
20	QPSK	100	0	19.90	19.79	19.84	19.75	20.8	4
20	16QAM	1	0	18.64	18.54	18.50	18.50	19.8	5
20	16QAM	1	49	22.66	22.47	22.57	22.54	23.8	1
20	16QAM	1	99	18.66	18.57	18.61	18.59	19.8	5
20	16QAM	50	0	21.85	21.77	21.71	21.77	22.8	2
20	16QAM	50	24	21.88	21.77	21.77	21.79	22.8	2
20	16QAM	50	50	21.81	21.61	21.73	21.72	22.8	2
20	16QAM	100	0	18.81	18.65	18.76	18.65	19.8	5
20	64QAM	1	0	17.75	17.67	17.63	17.70	18.8	6
20	64QAM	1	49	21.85	21.65	21.80	21.78	22.8	2
20	64QAM	1	99	17.79	17.74	17.74	17.70	18.8	6
20	64QAM	50	0	20.87	20.77	20.72	20.75	21.8	3
20	64QAM	50	24	20.86	20.73	20.73	20.81	21.8	3
20	64QAM	50	50	20.81	20.72	20.73	20.64	21.8	3
20	64QAM	100	0	17.91	17.84	17.74	17.76	18.8	6
20	256QAM	1	0	14.97	14.86	14.77	14.81	15.8	9
20	256QAM	1	49	18.75	18.67	18.63	18.57	18.8	6
20	256QAM	1	99	14.80	14.70	14.61	14.69	15.8	9
20	256QAM	50	0	18.83	18.64	18.65	18.64	19.8	5
20	256QAM	50	24	18.82	18.74	18.66	18.72	19.8	5
20	256QAM	50	50	18.81	18.67	18.63	18.75	19.8	5
20	256QAM	100	0	15.88	15.68	15.73	15.71	16.8	8
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	19.63	19.51	19.43	19.43	19.8	5
15	QPSK	1	37	23.69	23.56	23.60	23.55	24.8	0
15	QPSK	1	74	19.68	19.58	19.50	19.54	20.8	4
15	QPSK	36	0	22.82	22.65	22.76	22.62	23.8	1
15	QPSK	36	20	22.85	22.67	22.75	22.66	23.8	1
15	QPSK	36	39	22.77	22.69	22.72	22.72	23.8	1
15	QPSK	75	0	20.92	20.75	20.81	20.75	21.8	3
15	16QAM	1	0	17.88	17.74	17.77	17.70	18.8	6
15	16QAM	1	37	21.95	21.90	21.75	21.76	22.8	2
15	16QAM	1	74	17.75	17.58	17.64	17.67	18.8	6
15	16QAM	36	0	20.86	20.69	20.66	20.71	21.8	3
15	16QAM	36	20	20.88	20.81	20.72	20.81	21.8	3
15	16QAM	36	39	18.74	18.58	18.55	18.54	18.8	6
15	16QAM	75	0	18.62	18.50	18.53	18.47	19.8	5
15	64QAM	1	0	18.76	18.60	18.71	18.70	19.8	5
15	64QAM	1	37	22.79	22.72	22.71	22.74	23.8	1
15	64QAM	1	74	18.75	18.62	18.56	18.62	19.8	5
15	64QAM	36	0	21.83	21.67	21.73	21.77	22.8	2
15	64QAM	36	20	21.83	21.66	21.71	21.70	22.8	2
15	64QAM	36	39	21.79	21.66	21.73	21.61	22.8	2
15	64QAM	75	0	19.81	19.66	19.68	19.62	20.8	4
15	256QAM	1	0	14.77	14.69	14.61	14.64	15.8	9
15	256QAM	1	37	18.74	18.66	18.65	18.67	19.8	5
15	256QAM	1	74	14.76	14.59	14.60	14.60	15.8	9
15	256QAM	36	0	18.84	18.64	18.74	18.66	19.8	5
15	256QAM	36	20	18.85	18.67	18.77	18.70	19.8	5
15	256QAM	36	39	18.80	18.74	18.61	18.66	19.8	5
15	256QAM	75	0	16.89	16.82	16.74	16.79	17.8	7
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	23.70	23.78	23.78	23.72	24.8	0
10	QPSK	1	25	23.70	23.72	23.74	23.79		
10	QPSK	1	49	23.78	23.75	23.75	23.75		
10	QPSK	25	0	23.00	22.94	22.94	22.81	23.8	1
10	QPSK	25	12	23.02	22.90	22.96	22.82		
10	QPSK	25	25	22.93	22.85	22.84	22.77		
10	QPSK	50	0	22.98	22.88	22.84	22.88		
10	16QAM	1	0	21.97	21.83	21.91	21.80	23.8	1
10	16QAM	1	25	21.98	22.08	21.93	21.83		
10	16QAM	1	49	21.97	21.90	21.85	21.84		
10	16QAM	25	0	20.97	20.82	20.85	21.08	22.8	2
10	16QAM	25	12	21.05	20.89	20.99	20.91		
10	16QAM	25	25	20.96	20.91	20.89	20.87		
10	16QAM	50	0	21.01	20.89	20.93	20.88		
10	64QAM	1	0	21.89	21.85	21.78	21.92	22.8	2
10	64QAM	1	25	21.96	21.97	21.96	21.91		
10	64QAM	1	49	21.76	21.80	21.82	21.78		
10	64QAM	25	0	20.93	20.95	20.94	20.95	21.8	3
10	64QAM	25	12	20.92	20.94	20.99	20.97		
10	64QAM	25	25	20.95	20.84	20.83	20.81		
10	64QAM	50	0	20.92	20.86	20.94	20.96		
10	256QAM	1	0	19.15	19.03	19.09	19.04	19.8	5
10	256QAM	1	25	18.98	19.05	19.09	19.06		
10	256QAM	1	49	19.06	19.02	19.04	18.98		
10	256QAM	25	0	19.02	19.01	19.05	19.09	19.8	5
10	256QAM	25	12	18.99	19.02	19.07	19.10		
10	256QAM	25	25	19.06	19.09	19.09	19.00		
10	256QAM	50	0	19.04	19.07	18.97	19.02		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.71	23.79	23.74	23.79	24.8	0
5	QPSK	1	12	23.79	23.79	23.70	23.74		
5	QPSK	1	24	23.74	23.71	23.73	23.76		
5	QPSK	12	0	22.89	22.81	22.85	22.94	23.8	1
5	QPSK	12	7	22.88	22.87	22.84	22.90		
5	QPSK	12	13	22.83	22.74	22.86	22.77		
5	QPSK	25	0	22.79	22.82	22.78	22.89		
5	16QAM	1	0	21.89	21.88	21.87	21.84	23.8	1
5	16QAM	1	12	21.87	22.08	21.90	22.09		
5	16QAM	1	24	21.82	21.81	21.84	21.86		
5	16QAM	12	0	20.81	20.85	21.07	20.81	22.8	2
5	16QAM	12	7	20.91	20.99	20.99	20.85		
5	16QAM	12	13	20.88	20.87	20.82	20.88		
5	16QAM	25	0	20.88	20.86	20.90	20.87		
5	64QAM	1	0	21.91	21.88	21.86	21.81	22.8	2
5	64QAM	1	12	21.94	21.95	21.99	21.89		
5	64QAM	1	24	21.72	21.79	21.74	21.72		
5	64QAM	12	0	20.98	20.98	20.96	20.89	21.8	3
5	64QAM	12	7	20.99	20.94	20.87	20.89		
5	64QAM	12	13	20.96	20.94	20.96	20.90		
5	64QAM	25	0	20.84	20.83	20.84	20.94		
5	256QAM	1	0	19.04	19.03	19.02	18.95	19.8	5
5	256QAM	1	12	19.03	18.95	19.00	19.03		
5	256QAM	1	24	19.08	18.98	19.06	18.98		
5	256QAM	12	0	18.97	19.08	19.08	19.00	19.8	5
5	256QAM	12	7	18.95	19.08	18.95	18.96		
5	256QAM	12	13	19.03	19.05	19.07	19.02		
5	256QAM	25	0	19.05	19.02	19.05	19.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				38400	38496	38592		
Frequency [MHz]				3842	3846	3850		
20	PI/2-BPSK	1	0	22.37	22.41	22.21	24.2	0.0
20	PI/2-BPSK	1	99	22.42	22.46	22.26		
20	PI/2-BPSK	1	199	22.42	22.46	22.26		
20	PI/2-BPSK	50	0	21.37	21.41	21.21	23.2	0.0
20	PI/2-BPSK	50	25	21.38	21.42	21.22	23.2	0.0
20	PI/2-BPSK	50	50	21.38	21.42	21.22	23.2	0.0
20	PI/2-BPSK	100	0	21.38	21.42	21.22	23.2	0.0
20	QPSK	1	0	22.98	23.09	22.98	24.2	0.0
20	QPSK	1	99	22.98	23.09	22.98		
20	QPSK	1	199	22.98	23.09	22.98		
20	QPSK	50	0	22.37	22.37	22.22	23.2	1.0
20	QPSK	50	25	22.37	22.37	22.22	23.2	1.0
20	QPSK	50	50	22.37	22.37	22.22		
20	QPSK	100	0	22.37	22.37	22.22		
20	16QAM	1	0	21.35	21.45	21.25	22.2	2.0
20	16QAM	1	99	21.35	21.45	21.25		
20	16QAM	1	199	21.35	21.45	21.25		
20	16QAM	50	0	20.32	20.42	20.22	21.2	3.0
20	16QAM	50	25	20.32	20.42	20.22		
20	16QAM	50	50	20.32	20.42	20.22		
20	16QAM	100	0	20.32	20.42	20.22		
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
15	QPSK	1	0	22.37	22.41	22.21	24.2	0.0
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
10	QPSK	1	0	22.37	22.41	22.21	24.2	0.0
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
5	QPSK	1	0	22.37	22.41	22.21	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				38400	38496	38592		
Frequency [MHz]				3842	3846	3850		
20	PI/2-BPSK	1	0	21.37	21.41	21.21	23.2	0.0
20	PI/2-BPSK	1	99	22.42	22.46	22.26		
20	PI/2-BPSK	1	199	22.42	22.46	22.26		
20	PI/2-BPSK	50	0	20.37	20.41	20.21	21.2	0.0
20	PI/2-BPSK	50	25	20.38	20.42	20.22	21.2	0.0
20	PI/2-BPSK	50	50	20.38	20.42	20.22		
20	PI/2-BPSK	100	0	20.38	20.42	20.22		
20	QPSK	1	0	20.98	20.98	20.79	21.2	0.0
20	QPSK	1	99	20.98	20.98	20.79		
20	QPSK	1	199	20.98	20.98	20.79		
20	QPSK	50	0	20.37	20.37	20.19	20.2	1.0
20	QPSK	50	25	20.37	20.37	20.19	20.2	1.0
20	QPSK	50	50	20.37	20.37	20.19		
20	QPSK	100	0	20.37	20.37	20.19		
20	16QAM	1	0	19.35	19.45	19.25	20.2	2.0
20	16QAM	1	99	19.35	19.45	19.25		
20	16QAM	1	199	19.35	19.45	19.25		
20	16QAM	50	0	18.32	18.42	18.22	19.2	3.0
20	16QAM	50	25	18.32	18.42	18.22		
20	16QAM	50	50	18.32	18.42	18.22		
20	16QAM	100	0	18.32	18.42	18.22		
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
15	QPSK	1	0	20.37	20.37	20.19	21.2	0.0
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
10	QPSK	1	0	20.37	20.37	20.19	21.2	0.0
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
5	QPSK	1	0	20.37	20.37	20.19	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				38400	38496	38592		
Frequency [MHz]				3842	3846	3850		
20	PI/2-BPSK	1	0	21.37	21.41	21.21	23.2	0.0
20	PI/2-BPSK	1	99	22.42	22.46	22.26		
20	PI/2-BPSK	1	199	22.42	22.46	22.26		
20	PI/2-BPSK	50	0	20.37	20.41	20.21	21.2	0.0
20	PI/2-BPSK	50	25	20.38	20.42	20.22	21.2	0.0
20	PI/2-BPSK	50	50	20.38	20.42	20.22		
20	PI/2-BPSK	100	0	20.38	20.42	20.22		
20	QPSK	1	0	20.98	20.98	20.79	21.2	0.0
20	QPSK	1	99	20.98	20.98	20.79		
20	QPSK	1	199	20.98	20.98	20.79		
20	QPSK	50	0	20.37	20.37	20.19	20.2	1.0
20	QPSK	50	25	20.37	20.37	20.19	20.2	1.0
20	QPSK	50	50	20.37	20.37	20.19		
20	QPSK	100	0	20.37	20.37	20.19		
20	16QAM	1	0	19.35	19.45	19.25	20.2	2.0
20	16QAM	1	99	19.35	19.45	19.25		
20	16QAM	1	199	19.35	19.45	19.25		
20	16QAM	50	0	18.32	18.42	18.22	19.2	3.0
20	16QAM	50	25	18.32	18.42	18.22		
20	16QAM	50	50	18.32	18.42	18.22		
20	16QAM	100	0	18.32	18.42	18.22		
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
15	QPSK	1	0	20.37	20.37	20.19	21.2	0.0
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
10	QPSK	1	0	20.37	20.37	20.19	21.2	0.0
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
5	QPSK	1	0	20.37	20.37	20.19	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				38400	38496	38592		
Frequency [MHz]				3842	3846	3850		
20	PI/2-BPSK	1	0	19.37	19.41	19.21	20.6	0.0
20	PI/2-BPSK	1	99	19.42	19.46	19.26		
20	PI/2-BPSK	1	199	19.42	19.46	19.26		
20	PI/2-BPSK	50	0	18.37	18.41	18.21	20.6	0.0
20	PI/2-BPSK	50	25	18.38	18.42	18.22	20.6	0.0
20	PI/2-BPSK	50	50	18.38	18.42	18.22		
20	PI/2-BPSK	100	0	18.38	18.42	18.22		
20	QPSK	1	0	19.98	19.98	19.79	20.6	0.0
20	QPSK	1	99	19.98	19.98	19.79		
20	QPSK	1	199	19.98	19.98	19.79		
20	QPSK	50	0	18.37	18.37	18.19	19.6	0.0
20	QPSK	50	25	18.37	18.37	18.19	19.6	0.0
20	QPSK	50	50	18.37	18.37	18.19		
20	QPSK	100	0	18.37	18.37	18.19		
20	16QAM	1	0	17.35	17.45	17.25	18.6	2.0
20	16QAM	1	99	17.35	17.45	17.25		
20	16QAM	1	199	17.35	17.45	17.25		
20	16QAM	50	0	16.32	16.42	16.22	17.6	3.0
20	16QAM	50	25	16.32	16.42	16.22		
20	16QAM	50	50	16.32	16.42	16.22		
20	16QAM	100	0	16.32	16.42	16.22		
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
15	QPSK	1	0	18.37	18.37	18.19	19.6	0.0
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
10	QPSK	1	0	18.37	18.37	18.19	19.6	0.0
Channel				38400	38496	38592	Tune-up limit	MPR
Frequency [MHz]				3842	3846	3850	[dBm]	[dB]
5	QPSK	1	0	18.37	18.37	18.19	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel Middle Channel	Power Middle Channel Middle Channel	Power High Channel Middle Channel	Tune-up limit [dBm]	MPR [dB]
Channel				9500	9500	9500		
Frequency [MHz]				2375	2375	2375		
20	PI/2-BPSK	1	0	23.41	23.38	23.40	24.7	0.0
20	PI/2-BPSK	1	49	23.41	23.38	23.40		
20	PI/2-BPSK	1	99	23.32	23.38	23.32		
20	PI/2-BPSK	50	0	23.34	23.38	23.32	24.2	0.5
20	PI/2-BPSK	50	25	23.34	23.38	23.32	24.2	0.5
20	PI/2-BPSK	50	50	23.34	23.38	23.32	24.2	0.5
20	PI/2-BPSK	100	0	23.34	23.38	23.32		
20	QPSK	1	0	23.47	23.50	23.39	24.7	0.0
20	QPSK	1	49	23.47	23.50	23.39		
20	QPSK	1	99	23.39	23.50	23.39		
20	QPSK	50	0	23.32	23.32	23.37	23.7	0.5
20	QPSK	50	25	23.32	23.32	23.37	23.7	0.5
20	QPSK	50	50	23.32	23.32	23.37		
20	QPSK	100	0	23.32	23.32	23.37		
20	16QAM	1	0	23.39	23.39	23.39	24.7	1.0
20	16QAM	1	49	23.39	23.39	23.39		
20	16QAM	1	99	23.39	23.39	23.39		
20	16QAM	50	0	23.32	23.32	23.32	23.7	1.0
20	16QAM	50	25	23.32	23.32	23.32		
20	16QAM	50	50	23.32	23.32	23.32		
20	16QAM	100	0	23.32	23.32	23.32		
Channel				9500	9500	9500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2375	2375	2375		
15	QPSK	1	0	23.41	23.38	23.40	24.7	0.0
15	QPSK	1	37	23.41	23.38	23.40		
15	QPSK	1	74	23.32	23.38	23.32		
Channel				9500	9500	9500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2375	2375	2375		
5	QPSK	1	0	23.41	23.38	23.40	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel Middle Channel	Power Middle Channel Middle Channel	Power High Channel Middle Channel	Tune-up limit [dBm]	MPR [dB]
Channel				9500	9500	9500		
Frequency [MHz]				2375	2375	2375		
20	PI/2-BPSK	1	0	23.41	23.38	23.40	25.2	0.0
20	PI/2-BPSK	1	49	23.41	23.38	23.40		
20	PI/2-BPSK	1	99	23.32	23.38	23.32		
20	PI/2-BPSK	50	0	23.34	23.38	23.32	25.2	0.5
20	PI/2-BPSK	50	25	23.34	23.38	23.32	25.2	0.5
20	PI/2-BPSK	50	50	23.34	23.38	23.32	25.2	0.5
20	PI/2-BPSK	100	0	23.34	23.38	23.32		
20	QPSK	1	0	23.41	23.50	23.47	25.2	0.0
20	QPSK	1	49	23.41	23.50	23.47		
20	QPSK	1	99	23.39	23.50	23.39		
20	QPSK	50	0	23.32	23.32	23.37	24.2	1.0
20	QPSK	50	25	23.32	23.32	23.37	24.2	1.0
20	QPSK	50	50	23.32	23.32	23.37		
20	QPSK	100	0	23.32	23.32	23.37		
20	16QAM	1	0	23.39	23.39	23.39	24.2	1.0
20	16QAM	1	49	23.39	23.39	23.39		
20	16QAM	1	99	23.39	23.39	23.39		
20	16QAM	50	0	23.32	23.32	23.32	23.7	2.0
20	16QAM	50	25	23.32	23.32	23.32	23.7	2.0
20	16QAM	50	50	23.32	23.32	23.32	23.7	2.0
20	16QAM	100	0	23.32	23.32	23.32	23.7	2.0
Channel				9500	9500	9500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2375	2375	2375		
15	QPSK	1	0	23.41	23.38	23.40	24.7	0.0
15	QPSK	1	37	23.41	23.38	23.40		
15	QPSK	1	74	23.32	23.38	23.32		
Channel				9500	9500	9500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2375	2375	2375		
5	QPSK	1	0	23.41	23.38	23.40	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel Middle Channel	Power Middle Channel Middle Channel	Power High Channel Middle Channel	Tune-up limit [dBm]	MPR [dB]
Channel				20850	21100	21350		
Frequency [MHz]				2510	2535	2560		
20	PI/2-BPSK	1	0	21.27	21.41	21.37		
20	PI/2-BPSK	1	318	21.27	21.41	21.37	23.5	0.0
20	PI/2-BPSK	1	618	21.22	21.37	21.31		
20	PI/2-BPSK	108	0	21.22	21.37	21.31	23.0	0.5
20	PI/2-BPSK	108	55	21.26	21.26	21.41	23.0	0.5
20	PI/2-BPSK	108	110	21.26	21.26	21.41	23.0	0.5
20	PI/2-BPSK	216	0	21.26	21.26	21.41		
20	QPSK	1	0	22.66	22.76	22.61		
20	QPSK	1	318	22.66	22.76	22.61	23.5	0.0
20	QPSK	1	618	22.62	22.76	22.56		
20	QPSK	108	0	22.62	22.76	22.56	22.5	0.5
20	QPSK	108	55	22.62	22.62	22.76	22.5	0.5
20	QPSK	108	110	22.62	22.62	22.76		
20	QPSK	216	0	22.62	22.62	22.76		
20	16QAM	1	0	22.66	22.76	22.61	22.5	1.0
20	16QAM	1	318	22.66	22.76	22.61		
20	16QAM	1	618	22.62	22.76	22.56		
20	16QAM	108	0	22.62	22.76	22.56	22.5	1.0
20	16QAM	108	55	22.62	22.62	22.76	22.5	1.0
20	16QAM	108	110	22.62	22.62	22.76		
20	16QAM	216	0	22.62	22.62	22.76		
Channel				20850	21100	21350	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2510	2535	2560		
15	QPSK	1	0	22.66	22.76	22.61	23.5	0.0
15	QPSK	1	164	22.66	22.76	22.61		
15	QPSK	1	324	22.62	22.76	22.56		
Channel				20850	21100	21350	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2510	2535	2560		
5	QPSK	1	0	21.27	21.41	21.37	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel Middle Channel	Power Middle Channel Middle Channel	Power High Channel Middle Channel	Tune-up limit [dBm]	MPR [dB]
Channel				20850	21100	21350		
Frequency [MHz]				2510	2535	2560		
20	PI/2-BPSK	1	0	17.41	17.42	17.41		
20	PI/2-BPSK	1	318	17.41	17.42	17.41	18.7	0.0
20	PI/2-BPSK	1	618	17.37	17.42	17.37		
20	PI/2-BPSK	108	0	17.37	17.42	17.37	18.7	0.5
20	PI/2-BPSK	108	55	17.38	17.38	17.42	18.7	0.5
20	PI/2-BPSK	108	110	17.38	17.38	17.42	18.7	0.5
20	PI/2-BPSK	216	0	17.38	17.38	17.42		
20	QPSK	1	0	17.38	17.75	17.39		
20	QPSK	1	318	17.38	17.75	17.39	18.7	0.0
20	QPSK	1	618	17.33	17.72	17.35		
20	QPSK	108	0	17.33	17.72	17.35	17.7	1.0
20	QPSK	108	55	17.33	17.33	17.72	17.7	1.0
20	QPSK	108	110	17.33	17.33	17.72		
20	QPSK	216	0	17.33	17.33	17.72		
20	16QAM	1	0	17.38	17.75	17.39	17.7	1.0
20	16QAM	1	318	17.38	17.75	17.39		
20	16QAM	1	618	17.33	17.72	17.35		
20	16QAM	108	0	17.33	17.72	17.35	16.7	2.0
20	16QAM	108	55	17.33	17.33	17.72	16.7	2.0
20	16QAM	108	110	17.33	17.33	17.72		
20	16QAM	216	0	17.33	17.33	17.72		
Channel				20850	21100	21350	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2510	2535	2560		
15	QPSK	1	0	17.38	17.75	17.39	18.7	0.0
15	QPSK	1	164	17.38	17.75	17.39		
15	QPSK	1	324	17.33	17.72	17.35		
Channel				20850	21100	21350	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2510	2535	2560		
5	QPSK	1	0	17.38	17.75	17.39	18.7	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				372000	374000	376000		
Frequency [MHz]				1860	1870	1880		
20	PI/2-BPSK	1	0	21.41	21.36	21.31	23.0	0.0
20	PI/2-BPSK	1	99	21.41	21.36	21.31		
20	PI/2-BPSK	1	214	21.42	21.37	21.31		
20	PI/2-BPSK	108	0	21.42	21.36	21.32	23.2	0.2
20	PI/2-BPSK	108	55	21.41	21.36	21.32	23.2	0.2
20	PI/2-BPSK	216	0	21.42	21.36	21.32	23.2	0.2
20	PI/2-BPSK	216	108	21.42	21.36	21.32		
20	QPSK	1	0	21.51	21.50	21.47	23.2	0.0
20	QPSK	1	99	21.51	21.50	21.47		
20	QPSK	1	214	21.52	21.47	21.43		
20	QPSK	108	0	21.52	21.50	21.38	22.2	1.0
20	QPSK	108	55	21.52	21.50	21.43	22.2	1.0
20	QPSK	216	0	21.52	21.50	21.43		
20	QPSK	216	108	21.52	21.50	21.43		
20	16QAM	1	0	20.49	20.48	21.39	21.7	1.0
20	16QAM	1	99	20.49	20.48	21.39	21.7	1.0
Channel				372000	374000	376000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1860	1870	1880		
20	QPSK	1	0	21.51	21.50	21.47	23.2	0.0
Channel				372000	374000	376000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1860.0	1870.0	1880.0		
15	QPSK	1	0	21.51	21.47	21.47	23.2	0.0
Channel				371500	373500	375500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1857.5	1867.5	1877.5		
10	QPSK	1	0	21.51	21.47	21.47	23.2	0.0
Channel				371000	373000	375000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1855.0	1865.0	1875.0		
5	QPSK	1	0	21.60	21.76	21.50	23.2	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				372000	374000	376000		
Frequency [MHz]				1860	1870	1880		
20	PI/2-BPSK	1	0	21.41	21.37	21.31	23.0	0.0
20	PI/2-BPSK	1	99	21.42	21.37	21.31		
20	PI/2-BPSK	1	214	21.42	21.37	21.31		
20	PI/2-BPSK	108	0	21.42	21.37	21.32	23.2	0.2
20	PI/2-BPSK	108	55	21.42	21.36	21.32	23.2	0.2
20	PI/2-BPSK	216	0	21.42	21.36	21.32	23.2	0.2
20	PI/2-BPSK	216	108	21.42	21.36	21.32		
20	QPSK	1	0	22.29	22.26	22.26	23.0	0.0
20	QPSK	1	99	22.29	22.26	22.26		
20	QPSK	1	214	22.31	22.26	22.26		
20	QPSK	108	0	21.17	21.32	21.37	22.2	1.0
20	QPSK	108	55	21.16	21.32	21.32	22.2	1.0
20	QPSK	216	0	21.23	21.26	21.26		
20	QPSK	216	108	21.23	21.26	21.26		
20	16QAM	1	0	20.43	21.26	21.26	22.0	1.0
20	16QAM	1	99	19.38	19.40	19.37	21.0	2.0
Channel				372000	374000	376000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1860	1870	1880		
20	QPSK	1	0	22.29	22.26	22.26	23.0	0.0
Channel				372000	374000	376000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1860.0	1870.0	1880.0		
15	QPSK	1	0	22.29	22.26	22.26	23.0	0.0
Channel				371500	373500	375500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1857.5	1867.5	1877.5		
10	QPSK	1	0	22.29	22.26	22.26	23.0	0.0
Channel				371000	373000	375000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1855.0	1865.0	1875.0		
5	QPSK	1	0	22.19	22.21	22.23	23.0	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				376500	378000	379500		
Frequency [MHz]				1882.5	1890.0	1897.5		
20	PI/2-BPSK	1	0	25.37	25.35	25.31	26.0	0.0
20	PI/2-BPSK	1	99	25.37	25.35	25.31		
20	PI/2-BPSK	1	214	25.37	25.35	25.31		
20	PI/2-BPSK	108	0	25.37	25.35	25.31	25.2	0.2
20	PI/2-BPSK	108	55	25.37	25.35	25.31	25.2	0.2
20	PI/2-BPSK	216	0	25.37	25.35	25.31	25.2	0.2
20	PI/2-BPSK	216	108	25.37	25.35	25.31		
20	QPSK	1	0	25.50	25.39	25.55	26.2	0.0
20	QPSK	1	99	25.50	25.39	25.55		
20	QPSK	1	214	25.51	25.37	25.55		
20	QPSK	108	0	25.42	25.38	25.50	25.2	1.0
20	QPSK	108	55	25.42	25.38	25.50	25.2	1.0
20	QPSK	216	0	25.42	25.38	25.49		
20	QPSK	216	108	25.42	25.38	25.49		
20	16QAM	1	0	24.41	24.38	24.49	25.2	1.0
20	16QAM	1	99	24.47	24.48	24.45	25.7	2.0
Channel				376500	378000	379500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1882.5	1890.0	1897.5		
20	QPSK	1	0	25.50	25.39	25.55	26.2	0.0
Channel				376500	378000	379500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1882.5	1890.0	1897.5		
15	QPSK	1	0	25.50	25.39	25.55	26.2	0.0
Channel				376250	377750	379250	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1881.2	1888.7	1896.2		
10	QPSK	1	0	25.50	25.39	25.55	26.2	0.0
Channel				376000	377500	379000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1880.0	1887.5	1895.0		
5	QPSK	1	0	25.12	25.21	25.23	26.2	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				376500	378000	379500		
Frequency [MHz]				1882.5	1890.0	1897.5		
20	PI/2-BPSK	1	0	25.41	25.37	25.31	26.0	0.0
20	PI/2-BPSK	1	99	25.41	25.37	25.31		
20	PI/2-BPSK	1	214	25.41	25.37	25.31		
20	PI/2-BPSK	108	0	25.42	25.36	25.32	25.2	0.2
20	PI/2-BPSK	108	55	25.42	25.36	25.32	25.2	0.2
20	PI/2-BPSK	216	0	25.42	25.36	25.32	25.2	0.2
20	PI/2-BPSK	216	108	25.42	25.36	25.32		
20	QPSK	1	0	25.50	25.39	25.55	26.2	0.0
20	QPSK	1	99	25.50	25.39	25.55		
20	QPSK	1	214	25.51	25.37	25.55		
20	QPSK	108	0	25.42	25.38	25.50	25.2	1.0
20	QPSK	108	55	25.42	25.38	25.50	25.2	1.0
20	QPSK	216	0	25.42	25.38	25.49		
20	QPSK	216	108	25.42	25.38	25.49		
20	16QAM	1	0	24.41	24.38	24.49	25.2	1.0
20	16QAM	1	99	24.47	24.48	24.45	25.7	2.0
Channel				376500	378000	379500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1882.5	1890.0	1897.5		
20	QPSK	1	0	25.50	25.39	25.55	26.2	0.0
Channel				376500	378000	379500	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1882.5	1890.0	1897.5		
15	QPSK	1	0	25.50	25.39	25.55	26.2	0.0
Channel				376250	377750	379250	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1881.2	1888.7	1896.2		
10	QPSK	1	0	25.50	25.39	25.55	26.2	0.0
Channel				376000	377500	379000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1880.0	1887.5	1895.0		
5	QPSK	1	0	25.19	25.18	25.19	26.2	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				361000	371000	381000		
Frequency (MHz)				1845.0	1860.0	1875.0		
20	PI/2-BPSK	1	0	23.74	23.78	23.87	24.7	0.0
20	PI/2-BPSK	1	214	23.73	23.77	23.87		
20	PI/2-BPSK	1	414	23.72	23.76	23.87		
20	PI/2-BPSK	108	0	23.64	23.76	23.82	24.2	0.5
20	PI/2-BPSK	108	54	23.64	23.76	23.75	24.2	0.5
20	PI/2-BPSK	216	0	23.63	23.75	23.75	24.2	0.5
20	PI/2-BPSK	216	108	23.63	23.75	23.75		
20	QPSK	1	0	23.69	23.80	23.86	24.7	0.0
20	QPSK	1	214	23.68	23.79	23.86		
20	QPSK	1	414	23.68	23.79	23.86		
20	QPSK	108	0	23.59	23.80	23.77	23.7	1.0
20	QPSK	108	54	23.59	23.80	23.77	24.7	1.0
20	QPSK	216	0	23.58	23.79	23.76		
20	QPSK	216	108	23.58	23.79	23.76		
20	16QAM	1	0	23.49	23.48	23.47	23.7	1.0
20	16QAM	1	214	23.48	23.48	23.46		
20	16QAM	1	414	23.48	23.48	23.46		
20	16QAM	108	0	23.39	23.48	23.37	22.7	2.0
20	16QAM	108	54	23.39	23.48	23.37	23.7	2.0
20	16QAM	216	0	23.38	23.48	23.36		
20	16QAM	216	108	23.38	23.48	23.36		
Channel				361000	371000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1845.0	1860.0	1875.0		
20	QPSK	1	0	23.69	23.80	23.86	24.7	0.0
Frequency (MHz)				1845.0	1860.0	1875.0	dBm	dB
20	QPSK	1	0	23.69	23.80	23.86	24.7	0.0
Channel				361000	371000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1845.0	1860.0	1875.0		
20	QPSK	1	0	23.77	23.78	23.77	24.7	0.0
Channel				371000	371000	371000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860.0	1860.0	1860.0		
20	QPSK	1	0	23.80	23.80	23.80	24.7	0.0
Channel				371000	371000	371000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860.0	1860.0	1860.0		
20	QPSK	1	0	23.77	23.78	23.77	24.7	0.0
Channel				371000	371000	371000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860.0	1860.0	1860.0		
20	QPSK	1	0	23.77	23.78	23.77	24.7	0.0
Channel				371000	371000	371000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860.0	1860.0	1860.0		
20	QPSK	1	0	23.77	23.78	23.77	24.7	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				361000	371000	381000		
Frequency (MHz)				1845.0	1860.0	1875.0		
20	PI/2-BPSK	1	0	16.12	16.21	16.18	20.6	0.0
20	PI/2-BPSK	1	214	16.11	16.20	16.18		
20	PI/2-BPSK	1	414	16.11	16.19	16.18		
20	PI/2-BPSK	108	0	16.12	16.19	16.21	20.6	0.0
20	PI/2-BPSK	108	54	16.12	16.19	16.21	20.6	0.0
20	PI/2-BPSK	216	0	16.12	16.19	16.20	20.6	0.0
20	PI/2-BPSK	216	108	16.12	16.19	16.20		
20	QPSK	1	0	16.19	16.40	16.16	20.6	0.0
20	QPSK	1	214	16.18	16.39	16.16		
20	QPSK	1	414	16.18	16.39	16.16		
20	QPSK	108	0	16.12	16.39	16.18	20.0	0.0
20	QPSK	108	54	16.12	16.39	16.18	20.0	0.0
20	QPSK	216	0	16.12	16.39	16.18	20.0	0.0
20	QPSK	216	108	16.12	16.39	16.18		
20	16QAM	1	0	16.24	16.35	16.16	20.0	0.0
20	16QAM	1	214	16.23	16.34	16.16		
20	16QAM	1	414	16.23	16.34	16.16		
20	16QAM	108	0	16.20	16.20	16.18	19.0	0.0
20	16QAM	108	54	16.20	16.20	16.18	19.0	0.0
20	16QAM	216	0	16.20	16.20	16.18		
20	16QAM	216	108	16.20	16.20	16.18		
Channel				361000	371000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1845.0	1860.0	1875.0	dBm	dB
20	QPSK	1	0	16.19	16.40	16.16	20.6	0.0
Frequency (MHz)				1845.0	1860.0	1875.0	dBm	dB
20	QPSK	1	0	16.19	16.40	16.16	20.6	0.0
Channel				361000	371000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1845.0	1860.0	1875.0		
20	QPSK	1	0	16.17	16.18	16.17	20.6	0.0
Channel				371000	371000	371000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860.0	1860.0	1860.0		
20	QPSK	1	0	16.20	16.20	16.20	20.6	0.0
Channel				371000	371000	371000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860.0	1860.0	1860.0		
20	QPSK	1	0	16.17	16.18	16.17	20.6	0.0
Channel				371000	371000	371000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860.0	1860.0	1860.0		
20	QPSK	1	0	16.17	16.18	16.17	20.6	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					461100			
Frequency (MHz)					2310.0			
10	PI/2-BPSK	1	0		22.47		23.7	0.0
10	PI/2-BPSK	1	49		22.46			
10	PI/2-BPSK	1	99		22.46			
10	PI/2-BPSK	25	0		22.37		23.2	0.5
10	PI/2-BPSK	25	12		22.37		23.7	0.5
10	PI/2-BPSK	50	0		22.36		23.2	0.5
10	PI/2-BPSK	50	25		22.36			
10	QPSK	1	0		22.45		23.7	0.0
10	QPSK	1	49		22.45			
10	QPSK	1	99		22.45			
10	QPSK	25	0		22.36		22.7	1.0
10	QPSK	25	12		22.36		23.7	1.0
10	QPSK	50	0		22.35		22.7	1.0
10	QPSK	50	25		22.35			
10	16QAM	1	0		21.46		22.7	1.0
10	16QAM	1	49		21.46			
10	16QAM	1	99		21.46			
10	16QAM	25	0		21.37		21.7	2.0
10	16QAM	25	12		21.37		22.7	2.0
10	16QAM	50	0		21.36		21.7	2.0
10	16QAM	50	25		21.36			
Channel				461100	461100	461100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2310.0	2310.0	2310.0	dBm	dB
10	QPSK	1	0	22.47	22.46	22.47	23.7	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					461100			
Frequency (MHz)					2310.0			
10	PI/2-BPSK	1	0		19.12		19.2	0.0
10	PI/2-BPSK	1	49		19.12			
10	PI/2-BPSK	1	99		19.12			
10	PI/2-BPSK	25	0		19.08		19.2	0.0
10	PI/2-BPSK	25	12		19.08		19.2	0.0
10	PI/2-BPSK	50	0		19.08		19.2	0.0
10	PI/2-BPSK	50	25		19.08			
10	QPSK	1	0		19.15		19.2	0.0
10	QPSK	1	49		19.15			
10	QPSK	1	99		19.15			
10	QPSK	25	0		19.08		19.2	0.0
10	QPSK	25	12		19.08		19.2	0.0
10	QPSK	50	0		19.08		19.2	0.0
10	QPSK	50	25		19.08			
10	16QAM	1	0		18.08		19.2	0.0
10	16QAM	1	49		18.08			
10	16QAM	1	99		18.08			
10	16QAM	25	0		18.05		18.2	0.0
10	16QAM	25	12		18.05		19.2	0.0
10	16QAM	50	0		18.05		18.2	0.0
10	16QAM	50	25		18.05			
Channel				461100	461100	461100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2310.0	2310.0	2310.0	dBm	dB
10	QPSK	1	0	19.15	19.08	19.15	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				131072	131972	132772		
Frequency [MHz]				1712.4	1732.4	1752.4		
20	PI/2 BPSK	1	0	21.12	21.41	21.27	23.2	
20	PI/2 BPSK	1	104	20.12	20.40	20.26	22.7	0.5
20	PI/2 BPSK	1	214	20.12	20.40	20.26		
20	PI/2 BPSK	108	0	21.36	21.62	21.23	23.2	0.5
20	PI/2 BPSK	108	55	21.36	21.62	21.23	22.7	0.5
20	PI/2 BPSK	216	0	21.36	21.62	21.23	23.2	0.5
20	PI/2 BPSK	216	110	21.36	21.62	21.23	22.7	0.5
20	QPSK	1	0	22.32	22.39	22.25	23.7	0.0
20	QPSK	1	104	22.32	22.39	22.25		
20	QPSK	1	214	22.32	22.39	22.25		
20	QPSK	108	0	22.12	22.19	22.12	22.7	1.0
20	QPSK	108	55	22.12	22.19	22.12	22.7	1.0
20	QPSK	216	0	22.12	22.19	22.12	22.7	1.0
20	QPSK	216	110	22.12	22.19	22.12	22.7	1.0
20	64QAM	1	0	20.22	20.16	21.00	22.2	2.5
20	64QAM	1	104	20.22	20.60	20.60	21.2	2.5
20	64QAM	1	214	20.22	20.60	20.60	21.2	2.5
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
20	QPSK	1	0	22.32	22.39	22.25	23.7	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
15	QPSK	1	0	22.32	22.39	22.25	23.7	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
10	QPSK	1	0	22.32	22.39	22.25	23.7	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
5	QPSK	1	0	22.32	22.39	22.25	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				131072	131972	132772		
Frequency [MHz]				1712.4	1732.4	1752.4		
20	PI/2 BPSK	1	0	20.12	20.40	20.26	21.2	0.0
20	PI/2 BPSK	1	104	20.12	20.40	20.26		
20	PI/2 BPSK	1	214	20.12	20.40	20.26		
20	PI/2 BPSK	108	0	20.36	20.62	20.23	21.2	0.0
20	PI/2 BPSK	108	55	20.36	20.62	20.23	21.2	0.0
20	PI/2 BPSK	216	0	20.36	20.62	20.23	21.2	0.0
20	PI/2 BPSK	216	110	20.36	20.62	20.23		
20	QPSK	1	0	20.39	20.65	20.40	21.2	0.0
20	QPSK	1	104	20.39	20.65	20.40		
20	QPSK	1	214	20.39	20.65	20.40		
20	QPSK	108	0	20.19	20.47	20.19	21.2	1.0
20	QPSK	108	55	20.19	20.47	20.19		
20	QPSK	216	0	20.19	20.47	20.19	21.2	1.0
20	QPSK	216	110	20.19	20.47	20.19		
20	64QAM	1	0	20.27	20.57	20.19	21.2	0.0
20	64QAM	1	104	20.27	20.57	20.19		
20	64QAM	1	214	20.27	20.57	20.19		
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
20	QPSK	1	0	20.39	20.65	20.40	21.2	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
15	QPSK	1	0	20.39	20.65	20.40	21.2	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
10	QPSK	1	0	20.39	20.65	20.40	21.2	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
5	QPSK	1	0	20.39	20.65	20.40	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				131072	131972	132772		
Frequency [MHz]				1712.4	1732.4	1752.4		
20	PI/2 BPSK	1	0	21.12	21.41	21.27	23.2	
20	PI/2 BPSK	1	104	20.12	20.40	20.26	22.7	0.5
20	PI/2 BPSK	1	214	20.12	20.40	20.26		
20	PI/2 BPSK	108	0	21.36	21.62	21.23	23.2	0.5
20	PI/2 BPSK	108	55	21.36	21.62	21.23	22.7	0.5
20	PI/2 BPSK	216	0	21.36	21.62	21.23	23.2	0.5
20	PI/2 BPSK	216	110	21.36	21.62	21.23	22.7	0.5
20	QPSK	1	0	22.32	22.39	22.27	23.7	0.0
20	QPSK	1	104	22.32	22.39	22.27		
20	QPSK	1	214	22.32	22.39	22.27		
20	QPSK	108	0	22.12	22.19	22.12	22.7	1.0
20	QPSK	108	55	22.12	22.19	22.12	22.7	1.0
20	QPSK	216	0	22.12	22.19	22.12	22.7	1.0
20	QPSK	216	110	22.12	22.19	22.12	22.7	1.0
20	64QAM	1	0	20.22	20.16	21.00	22.2	2.5
20	64QAM	1	104	20.22	20.60	20.60	21.2	2.5
20	64QAM	1	214	20.22	20.60	20.60	21.2	2.5
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
20	QPSK	1	0	22.32	22.39	22.27	23.7	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
15	QPSK	1	0	22.32	22.39	22.27	23.7	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
10	QPSK	1	0	22.32	22.39	22.27	23.7	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
5	QPSK	1	0	22.32	22.39	22.27	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				131072	131972	132772		
Frequency [MHz]				1712.4	1732.4	1752.4		
20	PI/2 BPSK	1	0	21.12	21.41	21.27	23.2	
20	PI/2 BPSK	1	104	20.12	20.40	20.26	22.7	0.5
20	PI/2 BPSK	1	214	20.12	20.40	20.26		
20	PI/2 BPSK	108	0	21.36	21.62	21.23	23.2	0.5
20	PI/2 BPSK	108	55	21.36	21.62	21.23	22.7	0.5
20	PI/2 BPSK	216	0	21.36	21.62	21.23	23.2	0.5
20	PI/2 BPSK	216	110	21.36	21.62	21.23	22.7	0.5
20	QPSK	1	0	21.40	21.70	21.40	23.2	0.0
20	QPSK	1	104	21.40	21.70	21.40		
20	QPSK	1	214	21.40	21.70	21.40		
20	QPSK	108	0	21.12	21.48	21.12	22.2	1.0
20	QPSK	108	55	21.12	21.48	21.12	22.2	1.0
20	QPSK	216	0	21.12	21.48	21.12	22.2	1.0
20	QPSK	216	110	21.12	21.48	21.12	22.2	1.0
20	64QAM	1	0	20.26	20.53	20.19	20.7	2.5
20	64QAM	1	104	20.26	20.60	20.60	21.2	2.5
20	64QAM	1	214	20.26	20.60	20.60	21.2	2.5
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
20	QPSK	1	0	21.40	21.70	21.40	23.2	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
15	QPSK	1	0	21.40	21.70	21.40	23.2	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
10	QPSK	1	0	21.40	21.70	21.40	23.2	0.0
Channel				131072	131972	132772	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.4	1732.4	1752.4		
5	QPSK	1	0	21.40	21.70	21.40	23.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				125001	126500	128000		
Frequency [MHz]				673.5	680.5	687.5		
20	PI/2 BPSK	1	0	23.71	23.71	23.71	26.7	0.0
20	PI/2 BPSK	1	49	23.71	23.71	23.71		
20	PI/2 BPSK	1	99	23.52	23.52	23.52		
20	PI/2 BPSK	50	0	23.25	23.25	23.25	26.7	0.0
20	PI/2 BPSK	50	25	23.25	23.25	23.25	26.7	0.0
20	PI/2 BPSK	50	50	23.25	23.25	23.25	26.7	0.0
20	PI/2 BPSK	100	0	23.25	23.25	23.25		
20	QPSK	1	0	24.26	24.23	24.11	26.7	0.0
20	QPSK	1	49	24.26	24.23	24.11		
20	QPSK	1	99	24.26	24.19	24.08		
20	QPSK	50	0	23.52	23.52	23.52	26.7	0.0
20	QPSK	50	25	23.52	23.52	23.52	26.7	0.0
20	QPSK	50	50	23.52	23.52	23.52		
20	QPSK	100	0	23.26	23.26	23.26	27.7	1.0
20	16QAM	1	0	23.26	23.26	23.26	26.7	1.0
20	16QAM	1	1	21.86	22.00	21.80	25.7	2.0
20	16QAM	1	99	21.86	22.00	21.80	25.7	2.0
Channel				19100	18700	19300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.5	1732.5	1752.5		
15	QPSK	1	0	23.24	23.24	23.24	26.7	0.0
Channel				19100	18700	19300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.5	1732.5	1752.5		
10	QPSK	1	0	23.24	23.24	23.24	26.7	0.0
Channel				19100	18700	19300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.24	23.24	23.24	26.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				125001	126500	128000		
Frequency [MHz]				673.5	680.5	687.5		
20	PI/2 BPSK	1	0	21.15	21.15	21.15	29.2	8.0
20	PI/2 BPSK	1	49	21.15	21.15	21.15		
20	PI/2 BPSK	1	99	20.97	20.97	20.97		
20	PI/2 BPSK	50	0	21.22	21.22	21.22	29.7	8.0
20	PI/2 BPSK	50	25	21.22	21.22	21.22	29.2	8.0
20	PI/2 BPSK	50	50	21.22	21.22	21.22	29.2	8.0
20	PI/2 BPSK	100	0	21.22	21.22	21.22		
20	QPSK	1	0	24.09	24.07	24.19	29.2	8.0
20	QPSK	1	49	24.09	24.07	24.19		
20	QPSK	1	99	24.19	24.26	24.17		
20	QPSK	50	0	21.92	22.02	21.92	24.2	1.0
20	QPSK	50	25	21.92	22.02	21.92	24.2	1.0
20	QPSK	50	50	21.92	22.02	21.92		
20	QPSK	100	0	21.92	22.02	21.92	24.2	1.0
20	16QAM	1	0	21.92	22.02	21.92	24.2	1.0
20	16QAM	1	1	21.80	22.00	21.80	23.7	2.0
20	16QAM	1	99	21.80	22.00	21.80	23.7	2.0
Channel				19100	18700	19300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.5	1732.5	1752.5		
15	QPSK	1	0	21.92	21.92	21.92	26.7	0.0
Channel				19100	18700	19300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.5	1732.5	1752.5		
10	QPSK	1	0	21.92	21.92	21.92	26.7	0.0
Channel				19100	18700	19300	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.92	21.92	21.92	26.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 372000	Power Middle Channel 374000	Power High Channel 376000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2493	2496	2499		
20	PO-BPSK	1	0	21.37	21.41	21.21	23.7	0.0
20	PO-BPSK	1	49	22.02	22.02	22.02		
20	PO-BPSK	50	0	21.92	21.92	21.92	23.7	0.0
20	PO-BPSK	50	25	21.95	21.95	21.95	23.7	0.0
20	PO-BPSK	50	50	21.95	21.95	21.95	23.7	0.0
20	PO-BPSK	1	1	21.95	21.95	21.95		
20	QPSK	1	0	22.98	22.92	22.98	23.7	0.0
20	QPSK	1	49	22.92	22.92	22.92		
20	QPSK	50	0	22.92	22.92	22.92	23.7	0.0
20	QPSK	50	25	22.92	22.92	22.92		
20	QPSK	50	50	22.92	22.92	22.92		
20	QPSK	1	1	22.95	22.95	22.95		
20	16QAM	1	0	21.95	21.95	21.95	22.7	1.0
20	16QAM	1	49	21.95	21.95	21.95	22.7	1.0
20	64QAM	1	0	20.98	20.98	20.98	21.2	2.5
20	64QAM	1	49	20.98	20.98	20.98	21.2	2.5
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2513	2516	2519	(dBm)	(dB)
20	QPSK	1	0	21.12	21.15	21.12	23.7	0.0
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2531.5	2535	2538.5	(dBm)	(dB)
15	QPSK	1	0	21.18	21.18	21.18	23.7	0.0
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2542.5	2545	2547.5	(dBm)	(dB)
10	QPSK	1	0	21.21	21.18	21.21	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 372000	Power Middle Channel 374000	Power High Channel 376000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2493	2496	2499		
20	PO-BPSK	1	0	12.21	12.21	12.11	18.7	0.0
20	PO-BPSK	1	49	12.92	12.92	12.92		
20	PO-BPSK	50	0	12.92	12.92	12.92	18.7	0.0
20	PO-BPSK	50	25	12.95	12.95	12.95	18.7	0.0
20	PO-BPSK	50	50	12.95	12.95	12.95		
20	PO-BPSK	1	1	12.95	12.95	12.95	18.7	0.0
20	QPSK	1	0	12.98	12.95	12.98	18.7	0.0
20	QPSK	1	49	12.92	12.92	12.92		
20	QPSK	50	0	12.92	12.92	12.92	18.7	0.0
20	QPSK	50	25	12.92	12.92	12.92		
20	QPSK	50	50	12.92	12.92	12.92		
20	QPSK	1	1	12.95	12.95	12.95		
20	16QAM	1	0	12.95	12.95	12.95	17.7	0.0
20	16QAM	1	49	12.95	12.95	12.95	17.7	0.0
20	64QAM	1	0	12.98	12.97	12.98	18.2	0.0
20	64QAM	1	49	12.98	12.97	12.98	18.2	0.0
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2513	2516	2519	(dBm)	(dB)
20	QPSK	1	0	12.98	12.98	12.98	18.7	0.0
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2531.5	2535	2538.5	(dBm)	(dB)
15	QPSK	1	0	12.98	12.98	12.98	18.7	0.0
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2542.5	2545	2547.5	(dBm)	(dB)
10	QPSK	1	0	12.98	12.98	12.98	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 372000	Power Middle Channel 374000	Power High Channel 376000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2493	2496	2499		
20	PO-BPSK	1	0	21.38	21.41	21.17	23.7	0.0
20	PO-BPSK	1	49	21.92	21.92	21.92		
20	PO-BPSK	50	0	21.92	21.92	21.92	23.7	0.0
20	PO-BPSK	50	25	21.95	21.95	21.95	23.7	0.0
20	PO-BPSK	50	50	21.95	21.95	21.95		
20	PO-BPSK	1	1	21.95	21.95	21.95	23.7	0.0
20	QPSK	1	0	21.41	21.95	21.95	23.7	0.0
20	QPSK	1	49	21.92	21.92	21.92		
20	QPSK	50	0	21.92	21.92	21.92	23.7	0.0
20	QPSK	50	25	21.92	21.92	21.92		
20	QPSK	50	50	21.92	21.92	21.92		
20	QPSK	1	1	21.95	21.95	21.95		
20	16QAM	1	0	21.95	21.95	21.95	22.7	0.0
20	16QAM	1	49	21.95	21.95	21.95	22.7	0.0
20	64QAM	1	0	20.98	20.98	20.98	22.2	0.5
20	64QAM	1	49	20.98	20.98	20.98	22.2	0.5
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2513	2516	2519	(dBm)	(dB)
20	QPSK	1	0	21.18	21.18	21.18	23.7	0.0
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2531.5	2535	2538.5	(dBm)	(dB)
15	QPSK	1	0	21.18	21.18	21.18	23.7	0.0
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2542.5	2545	2547.5	(dBm)	(dB)
10	QPSK	1	0	21.21	21.18	21.21	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 372000	Power Middle Channel 374000	Power High Channel 376000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2493	2496	2499		
20	PO-BPSK	1	0	21.21	21.21	21.21	24.0	0.0
20	PO-BPSK	1	49	22.92	22.92	22.92		
20	PO-BPSK	50	0	22.92	22.92	22.92	24.0	0.0
20	PO-BPSK	50	25	22.95	22.95	22.95	24.0	0.0
20	PO-BPSK	50	50	22.95	22.95	22.95		
20	PO-BPSK	1	1	22.95	22.95	22.95	24.0	0.0
20	QPSK	1	0	22.77	22.95	22.75	24.0	0.0
20	QPSK	1	49	22.92	22.92	22.92		
20	QPSK	50	0	22.92	22.92	22.92	24.0	0.0
20	QPSK	50	25	22.92	22.92	22.92		
20	QPSK	50	50	22.92	22.92	22.92		
20	QPSK	1	1	22.95	22.95	22.95		
20	16QAM	1	0	21.95	21.95	21.95	23.0	1.0
20	16QAM	1	49	21.95	21.95	21.95	23.0	1.0
20	64QAM	1	0	20.97	20.98	20.98	21.0	2.5
20	64QAM	1	49	20.97	20.98	20.98	21.0	2.5
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2513	2516	2519	(dBm)	(dB)
20	QPSK	1	0	21.18	21.18	21.18	24.0	0.0
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2531.5	2535	2538.5	(dBm)	(dB)
15	QPSK	1	0	21.18	21.18	21.18	24.0	0.0
Channel				372000	374000	376000	Tune-up limit	MPR
Frequency [MHz]				2542.5	2545	2547.5	(dBm)	(dB)
10	QPSK	1	0	21.21	21.18	21.21	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Channel	Power Middle Middle Channel	Power High Middle Channel	Tune-up limit (dBm)	MPR (dB)
Channel				502012	504000	505988		
Frequency (MHz)				2510.12	2512.00	2513.88		
100	PI/2-BPSK	1	0	22.37	22.42	22.16	23.2	0.0
100	PI/2-BPSK	1	50	22.50	22.57	22.19		
100	PI/2-BPSK	1	271	22.03	22.07	22.10		
100	PI/2-BPSK	136	0	20.61	20.70	20.72	22.7	0.5
100	PI/2-BPSK	135	69	20.64	20.72	20.74	22.7	0.5
100	PI/2-BPSK	270	0	20.64	20.72	20.74	22.7	0.5
100	PI/2-BPSK	1	0	20.64	20.72	20.74		
100	QPSK	1	1	22.35	22.39	22.36	23.2	0.0
100	QPSK	1	50	22.47	22.50	22.47		
100	QPSK	1	271	22.19	22.18	22.18		
100	QPSK	135	0	22.19	22.20	22.18	23.2	0.0
100	QPSK	135	69	22.21	22.22	22.19		
100	QPSK	270	0	22.21	22.22	22.19		
100	16QAM	1	0	21.46	21.45	21.41	22.2	1.0
100	16QAM	1	50	21.46	21.45	21.41	22.2	1.0
100	16QAM	1	1	19.66	20.80	20.92	20.7	0.5
100	16QAM	1	271	19.66	20.80	20.92	20.7	0.5
Channel				501750	504000	506250	Tune-up limit	MPR
Frequency (MHz)				2509.75	2512.00	2514.25	(dBm)	(dB)
80	QPSK	1	0	22.21	22.24	22.20	23.2	0.0
Channel				501500	504000	506500	Tune-up limit	MPR
Frequency (MHz)				2509.50	2512.00	2514.50	(dBm)	(dB)
60	QPSK	1	0	22.17	22.17	22.16	23.2	0.0
Channel				501250	504000	506750	Tune-up limit	MPR
Frequency (MHz)				2509.25	2512.00	2514.75	(dBm)	(dB)
40	QPSK	1	0	22.14	22.13	22.16	23.2	0.0
Channel				501000	504000	507000	Tune-up limit	MPR
Frequency (MHz)				2509.00	2512.00	2515.00	(dBm)	(dB)
20	QPSK	1	0	22.11	22.11	22.12	23.2	0.0
Channel				500750	504000	507250	Tune-up limit	MPR
Frequency (MHz)				2508.75	2512.00	2515.25	(dBm)	(dB)
10	QPSK	1	0	22.07	22.08	22.07	23.2	0.0
Channel				500625	504000	507375	Tune-up limit	MPR
Frequency (MHz)				2508.63	2512.00	2515.38	(dBm)	(dB)
5	QPSK	1	0	22.04	22.03	22.06	23.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Channel	Power Middle Middle Channel	Power High Middle Channel	Tune-up limit (dBm)	MPR (dB)
Channel				502012	504000	505988		
Frequency (MHz)				2510.12	2512.00	2513.88		
100	PI/2-BPSK	1	0	17.21	17.41	17.31	18.7	0.0
100	PI/2-BPSK	1	50	17.22	17.42	17.32		
100	PI/2-BPSK	1	271	17.02	17.22	17.12		
100	PI/2-BPSK	136	0	17.21	17.36	17.26	18.7	0.5
100	PI/2-BPSK	135	69	17.23	17.38	17.28	18.7	0.5
100	PI/2-BPSK	270	0	17.23	17.38	17.28	18.7	0.5
100	PI/2-BPSK	1	0	17.23	17.38	17.28		
100	QPSK	1	1	17.11	17.26	17.22	18.7	0.0
100	QPSK	1	50	17.22	17.37	17.33		
100	QPSK	1	271	17.22	17.37	17.33		
100	QPSK	135	0	17.22	17.37	17.33	18.7	0.0
100	QPSK	135	69	17.23	17.38	17.34		
100	QPSK	270	0	17.23	17.38	17.34		
100	16QAM	1	0	17.23	17.38	17.28	18.7	0.5
100	16QAM	1	50	17.23	17.38	17.28	18.7	0.5
100	16QAM	1	1	17.08	17.72	17.80	18.7	0.5
100	16QAM	1	271	17.08	17.72	17.80	18.7	0.5
Channel				501750	504000	506250	Tune-up limit	MPR
Frequency (MHz)				2509.75	2512.00	2514.25	(dBm)	(dB)
80	QPSK	1	0	17.21	17.36	17.26	18.7	0.0
Channel				501500	504000	506500	Tune-up limit	MPR
Frequency (MHz)				2509.50	2512.00	2514.50	(dBm)	(dB)
60	QPSK	1	0	17.19	17.34	17.24	18.7	0.0
Channel				501250	504000	506750	Tune-up limit	MPR
Frequency (MHz)				2509.25	2512.00	2514.75	(dBm)	(dB)
40	QPSK	1	0	17.17	17.32	17.22	18.7	0.0
Channel				501000	504000	507000	Tune-up limit	MPR
Frequency (MHz)				2509.00	2512.00	2515.00	(dBm)	(dB)
20	QPSK	1	0	17.14	17.29	17.20	18.7	0.0
Channel				500750	504000	507250	Tune-up limit	MPR
Frequency (MHz)				2508.75	2512.00	2515.25	(dBm)	(dB)
10	QPSK	1	0	17.11	17.26	17.17	18.7	0.0
Channel				500625	504000	507375	Tune-up limit	MPR
Frequency (MHz)				2508.63	2512.00	2515.38	(dBm)	(dB)
5	QPSK	1	0	17.08	17.23	17.14	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				520000	524000	528000		
Frequency (MHz)				2506.01	2510.16	2514.31		
100	PI/2 BPSK	1	0	21.71	21.78	21.71	22.7	0.0
100	PI/2 BPSK	1	51	21.82	21.82	21.82		
100	PI/2 BPSK	1	101	21.82	21.82	21.82		
100	PI/2 BPSK	100	0	21.72	21.72	21.72	22.7	0.0
100	PI/2 BPSK	100	50	21.82	21.82	21.82	23.2	0.0
100	PI/2 BPSK	100	99	21.82	21.82	21.82	23.2	0.0
100	PI/2 BPSK	50	0	21.72	21.72	21.72	22.7	0.0
100	QPSK	1	0	21.40	21.65	21.80	22.7	0.0
100	QPSK	1	51	21.40	21.65	21.80		
100	QPSK	1	101	21.40	21.65	21.80		
100	QPSK	100	0	21.37	21.64	21.78	22.7	0.0
100	QPSK	100	50	21.40	21.65	21.80		
100	QPSK	100	99	21.40	21.65	21.80		
100	QPSK	50	0	21.37	21.64	21.78	22.7	0.0
100	64QAM	1	0	20.40	20.60	20.80	21.7	1.0
100	64QAM	1	51	20.40	20.60	20.80	21.7	1.0
100	64QAM	1	101	20.40	20.60	20.80	21.7	1.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
80	QPSK	1	0	22.01	22.01	22.01	22.7	0.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
60	QPSK	1	0	22.18	22.18	22.18	22.7	0.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
40	QPSK	1	0	22.27	22.27	22.27	22.7	0.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
20	QPSK	1	0	22.32	22.32	22.32	22.7	0.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
10	QPSK	1	0	22.36	22.36	22.36	22.7	0.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
10	QPSK	1	0	22.36	22.36	22.36	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				520000	524000	528000		
Frequency (MHz)				2506.01	2510.16	2514.31		
100	PI/2 BPSK	1	0	24.78	24.84	24.78	25.2	0.0
100	PI/2 BPSK	1	51	24.92	24.92	24.92		
100	PI/2 BPSK	1	101	24.92	24.92	24.92		
100	PI/2 BPSK	100	0	24.82	24.82	24.82	25.2	0.0
100	PI/2 BPSK	100	50	24.92	24.92	24.92	26.7	0.0
100	PI/2 BPSK	100	99	24.92	24.92	24.92		
100	PI/2 BPSK	50	0	24.82	24.82	24.82	25.2	0.0
100	QPSK	1	0	24.32	24.49	24.69	25.2	0.0
100	QPSK	1	51	24.32	24.49	24.69		
100	QPSK	1	101	24.32	24.49	24.69		
100	QPSK	100	0	24.32	24.49	24.69	25.2	0.0
100	QPSK	100	50	24.32	24.49	24.69		
100	QPSK	100	99	24.32	24.49	24.69		
100	QPSK	50	0	24.32	24.49	24.69	25.2	0.0
100	64QAM	1	0	23.32	23.49	23.69	24.7	1.0
100	64QAM	1	51	23.32	23.49	23.69	24.7	1.0
100	64QAM	1	101	23.32	23.49	23.69	24.7	1.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
80	QPSK	1	0	25.17	25.17	25.17	25.2	0.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
60	QPSK	1	0	25.18	25.18	25.18	25.2	0.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
40	QPSK	1	0	25.18	25.18	25.18	25.2	0.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
20	QPSK	1	0	25.18	25.18	25.18	25.2	0.0
Channel				524000	524000	524000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.16	2510.16	2510.16		
10	QPSK	1	0	25.18	25.18	25.18	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 39620	Power Middle Channel 40620	Power High Channel 41620	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2496.01	2593.99	2691.98		
100	PI/2-BPSK	1	0	17.41	17.41	17.41	18.7	0.0
100	PI/2-BPSK	1	177	17.42	17.42	17.42		
100	PI/2-BPSK	1	371	17.42	17.42	17.42		
100	PI/2-BPSK	106	0	17.21	17.19	17.18		
100	PI/2-BPSK	106	69	17.45	17.44	17.44		
100	PI/2-BPSK	106	147	17.45	17.44	17.44		
100	PI/2-BPSK	106	0	17.45	17.44	17.44		
100	QPSK	1	0	17.71	17.69	17.70	18.7	0.0
100	QPSK	1	177	17.72	17.72	17.72		
100	QPSK	1	371	17.72	17.72	17.72		
100	QPSK	106	0	17.52	17.50	17.51	18.7	0.0
100	QPSK	106	69	17.75	17.74	17.74		
100	QPSK	106	147	17.75	17.74	17.74		
100	QPSK	106	0	17.75	17.74	17.74		
100	64QAM	1	0	17.45	17.43	17.45	17.7	0.0
100	64QAM	1	177	17.46	17.45	17.46	17.7	0.0
100	64QAM	1	371	17.46	17.45	17.46	18.2	0.5
100	64QAM	106	0	17.21	17.19	17.20	18.2	0.5
Channel				39201	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2493.01	2592.99	2692.98		
80	QPSK	1	0	17.74	17.74	17.74	18.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
60	QPSK	1	0	17.77	17.77	17.77	18.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
40	QPSK	1	0	17.8	17.8	17.8	18.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
20	QPSK	1	0	17.8	17.8	17.8	18.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
10	QPSK	1	0	17.8	17.8	17.8	18.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
5	QPSK	1	0	17.8	17.8	17.8	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 39620	Power Middle Channel 40620	Power High Channel 41620	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2496.01	2593.99	2691.98		
100	PI/2-BPSK	1	0	21.41	21.41	21.41	22.7	0.0
100	PI/2-BPSK	1	177	21.42	21.42	21.42		
100	PI/2-BPSK	1	371	21.42	21.42	21.42		
100	PI/2-BPSK	106	0	21.21	21.19	21.18		
100	PI/2-BPSK	106	69	21.45	21.44	21.44		
100	PI/2-BPSK	106	147	21.45	21.44	21.44		
100	PI/2-BPSK	106	0	21.45	21.44	21.44		
100	QPSK	1	0	21.71	21.69	21.70	22.7	0.0
100	QPSK	1	177	21.72	21.72	21.72		
100	QPSK	1	371	21.72	21.72	21.72		
100	QPSK	106	0	21.52	21.50	21.51	22.7	0.0
100	QPSK	106	69	21.75	21.74	21.74		
100	QPSK	106	147	21.75	21.74	21.74		
100	QPSK	106	0	21.75	21.74	21.74		
100	64QAM	1	0	21.45	21.43	21.45	21.7	0.0
100	64QAM	1	177	21.46	21.45	21.46	21.7	0.0
100	64QAM	1	371	21.46	21.45	21.46	22.2	0.5
100	64QAM	106	0	21.21	21.19	21.20	22.2	0.5
Channel				39201	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2493.01	2592.99	2692.98		
80	QPSK	1	0	21.74	21.74	21.74	22.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
60	QPSK	1	0	21.77	21.77	21.77	22.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
40	QPSK	1	0	21.8	21.8	21.8	22.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
20	QPSK	1	0	21.8	21.8	21.8	22.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
10	QPSK	1	0	21.8	21.8	21.8	22.7	0.0
Channel				39200	40198	41196	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				2492.01	2592.99	2693.98		
5	QPSK	1	0	21.8	21.8	21.8	22.7	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				506000	516666	526000		
Frequency (MHz)				2496.0	2562.99	2629		
100	QPSK	1	1	20.12	21.32	20.10	21.2	0.0
100	QPSK	1	137	19.93	20.10	19.82		
100	QPSK	137	0	19.27	19.82	19.25		
100	QPSK	137	68	19.27	19.82	19.25		
100	QPSK	137	138	19.03	20.10	20.01	21.2	0.0
100	QPSK	137	138	20.01	19.96	19.90		
100	QPSK	273	0	18.73	18.79	18.74	19.7	1.5
100	16QAM	1	1	19.48	19.97	19.94	20.7	0.0
100	64QAM	1	1	17.91	18.08	17.92	19.2	2.0
100	256QAM	1	1	15.55	15.48	15.34	18.2	3.0
Channel				506250	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2501	2562.99	2624.98	(dBm)	(dB)
90	QPSK	1	1	19.94	20.59	20.52	21.2	0.0
Channel				506500	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2503.5	2562.99	2622.48	(dBm)	(dB)
80	QPSK	1	1	20.03	20.17	20.09	21.2	0.0
Channel				506750	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2506.0	2562.99	2619.98	(dBm)	(dB)
70	QPSK	1	1	20.22	20.43	20.38	21.2	0.0
Channel				507000	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2508	2562.99	2617.98	(dBm)	(dB)
60	QPSK	1	1	19.88	20.01	20.03	21.2	0.0
Channel				507250	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2510.5	2562.99	2615.98	(dBm)	(dB)
50	QPSK	1	1	20.04	20.52	19.96	21.2	0.0
Channel				507500	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2513.0	2562.99	2613.98	(dBm)	(dB)
40	QPSK	1	1	19.93	20.19	20.05	21.2	0.0
Channel				507750	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2515.5	2562.99	2611.98	(dBm)	(dB)
30	QPSK	1	1	20.09	20.17	20.00	21.2	0.0
Channel				508000	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2518.0	2562.99	2609.98	(dBm)	(dB)
20	QPSK	1	1	20.08	20.14	20.03	21.2	0.0
Channel				508750	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2524.5	2562.99	2602.48	(dBm)	(dB)
15	QPSK	1	1	20.03	20.15	20.01	21.2	0.0
Channel				509500	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2531.0	2562.99	2594.98	(dBm)	(dB)
10	QPSK	1	1	20.01	20.16	20.06	21.2	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				506000	516666	526000		
Frequency (MHz)				2496.0	2562.99	2629		
100	QPSK	1	1	17.66	17.79	17.75		
100	QPSK	1	137	17.54	17.62	17.68	18.7	0.0
100	QPSK	137	0	17.70	17.68	17.58		
100	QPSK	137	68	17.70	17.68	17.58		
100	QPSK	137	138	17.61	17.73	17.61	18.7	0.0
100	QPSK	137	138	17.66	17.66	17.58		
100	QPSK	273	0	17.43	17.73	17.58	18.7	0.0
100	16QAM	1	1	17.67	17.75	17.58	18.7	0.0
100	64QAM	1	1	17.43	17.54	17.45	18.7	0.0
100	256QAM	1	1	17.20	17.35	17.26	17.7	1.0
Channel				506250	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2501	2562.99	2624.98	(dBm)	(dB)
90	QPSK	1	1	17.69	17.68	17.66	18.7	0.0
Channel				506500	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2503.5	2562.99	2622.48	(dBm)	(dB)
80	QPSK	1	1	17.73	17.68	17.70	18.7	0.0
Channel				506750	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2506.0	2562.99	2619.98	(dBm)	(dB)
70	QPSK	1	1	17.73	17.73	17.73	18.7	0.0
Channel				507000	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2508	2562.99	2617.98	(dBm)	(dB)
60	QPSK	1	1	17.55	17.62	17.70	18.7	0.0
Channel				507250	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2510.0	2562.99	2615.98	(dBm)	(dB)
50	QPSK	1	1	17.68	17.70	17.71	18.7	0.0
Channel				507500	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2512.5	2562.99	2613.98	(dBm)	(dB)
40	QPSK	1	1	17.55	17.73	17.73	18.7	0.0
Channel				507750	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2515	2562.99	2611.98	(dBm)	(dB)
30	QPSK	1	1	17.66	17.68	17.66	18.7	0.0
Channel				508000	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2517.5	2562.99	2608.98	(dBm)	(dB)
20	QPSK	1	1	17.53	17.72	17.68	18.7	0.0
Channel				508750	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2523.5	2562.99	2602.48	(dBm)	(dB)
15	QPSK	1	1	17.64	17.72	17.58	18.7	0.0
Channel				509500	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2530.0	2562.99	2595.98	(dBm)	(dB)
10	QPSK	1	1	17.70	17.71	17.60	18.7	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				506000	516666	526000		
Frequency (MHz)				2496.0	2562.99	2629		
100	QPSK	1	1	21.15	21.22	21.21		
100	QPSK	1	137	21.02	21.09	21.09	22.2	0.0
100	QPSK	137	0	21.32	21.32	21.32		
100	QPSK	137	68	21.32	21.32	21.32		
100	QPSK	137	138	20.95	21.12	21.11	22.2	0.0
100	QPSK	137	138	21.08	21.04	20.96		
100	QPSK	273	0	20.69	20.76	19.99	20.7	1.5
100	16QAM	1	1	21.02	21.32	21.11	21.7	0.0
100	64QAM	1	1	19.68	19.22	19.21	20.2	2.0
100	256QAM	1	1	18.22	18.35	18.23	17.2	3.0
Channel				506250	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2501	2562.99	2624.98	(dBm)	(dB)
90	QPSK	1	1	21.01	21.10	21.08	22.2	0.0
Channel				506500	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2503.5	2562.99	2622.48	(dBm)	(dB)
80	QPSK	1	1	21.07	21.17	21.11	22.2	0.0
Channel				506750	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2506.0	2562.99	2619.98	(dBm)	(dB)
70	QPSK	1	1	21.02	21.19	21.09	22.2	0.0
Channel				507000	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2508	2562.99	2617.98	(dBm)	(dB)
60	QPSK	1	1	21.11	21.23	21.09	22.2	0.0
Channel				507250	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2510.0	2562.99	2615.98	(dBm)	(dB)
50	QPSK	1	1	21.13	21.21	21.17	22.2	0.0
Channel				507500	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2512.5	2562.99	2613.98	(dBm)	(dB)
40	QPSK	1	1	21.03	21.11	21.06	22.2	0.0
Channel				507750	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2515	2562.99	2611.98	(dBm)	(dB)
30	QPSK	1	1	21.15	21.09	21.04	22.2	0.0
Channel				508000	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2517.5	2562.99	2608.98	(dBm)	(dB)
20	QPSK	1	1	21.08	21.06	21.08	22.2	0.0
Channel				508750	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2523.5	2562.99	2602.48	(dBm)	(dB)
15	QPSK	1	1	21.06	21.06	21.02	22.2	0.0
Channel				509500	516666	526666	Tune-up limit	MPR
Frequency (MHz)				2530.0	2562.99	2595.98	(dBm)	(dB)
10	QPSK	1	1	20.95	21.24	21.15	22.2	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	21.98	22.22	22.05	23.2	0.0
40	PI/2 BPSK	1	53	21.84	21.97	21.92		
40	PI/2 BPSK	1	104	21.94	22.05	21.98		
40	PI/2 BPSK	50	0	21.78	21.77	21.75	23.2	0.0
40	PI/2 BPSK	50	28	21.80	22.05	21.85	23.2	0.0
40	PI/2 BPSK	50	56	21.96	22.13	21.82	23.2	0.0
40	PI/2 BPSK	100	0	22.08	22.13	22.15		
40	QPSK	1	1	22.30	22.35	22.28	23.2	0.0
40	QPSK	1	53	22.10	22.20	22.12		
40	QPSK	1	104	22.00	21.99	21.87		
40	QPSK	50	0	21.33	21.35	21.40	23.2	0.0
40	QPSK	50	28	22.20	22.30	22.23		
40	QPSK	50	56	21.37	21.30	21.39		
40	QPSK	100	0	21.05	21.11	21.10	22.2	1.0
40	16QAM	1	1	21.84	22.08	21.98	23.2	0.0
40	64QAM	1	1	21.66	21.58	21.60	22.7	0.5
40	256QAM	1	1	19.58	19.60	19.52	20.7	2.5
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	21.87	21.97	21.91	23.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR
Frequency (MHz)				3555	3624.99	3694.98	(dBm)	(dB)
10	QPSK	1	1	21.74	22.03	21.95	23.2	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	23.14	23.17	23.03	24.2	0.0
40	PI/2 BPSK	1	53	23.12	23.08	23.00		
40	PI/2 BPSK	1	104	23.22	23.15	23.05		
40	PI/2 BPSK	50	0	21.55	21.62	21.52	24.2	0.0
40	PI/2 BPSK	50	28	23.04	23.02	23.01	24.2	0.0
40	PI/2 BPSK	50	56	21.44	21.49	21.41	22.2	0.0
40	PI/2 BPSK	100	0	21.58	21.50	21.45		
40	QPSK	1	1	23.08	23.24	23.10	24.2	0.0
40	QPSK	1	53	23.00	23.00	23.13		
40	QPSK	1	104	23.20	23.09	23.05		
40	QPSK	50	0	21.20	21.25	21.30	24.2	0.0
40	QPSK	50	28	23.12	23.15	23.04		
40	QPSK	50	56	21.19	21.13	21.15		
40	QPSK	100	0	21.08	21.15	21.11	22.2	0.0
40	16QAM	1	1	23.02	22.99	23.01	24.2	0.0
40	64QAM	1	1	22.05	22.15	22.10	22.7	1.5
40	256QAM	1	1	19.68	19.70	19.62	20.7	3.5
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	23.07	23.06	23.05	24.2	0.0
Channel				637000	641666	646332	Tune-up limit	MPR
Frequency (MHz)				3555	3624.99	3694.98	(dBm)	(dB)
10	QPSK	1	1	23.08	23.13	23.05	24.2	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	21.73	21.59	23.2	0.0
100	PI/2 BPSK	1	137	21.69	21.60	21.51		
100	PI/2 BPSK	1	271	21.60	21.74	21.59		
100	PI/2 BPSK	135	0	21.64	21.45	21.50	23.2	0.0
100	PI/2 BPSK	135	69	21.64	21.65	21.56	23.2	0.0
100	PI/2 BPSK	135	138	21.65	21.46	21.52	23.2	0.0
100	PI/2 BPSK	270	0	21.68	21.70	21.63		
100	QPSK	1	1	21.69	21.75	21.53	23.2	0.0
100	QPSK	1	137	21.58	21.67	21.63		
100	QPSK	1	271	21.59	21.59	21.52		
100	QPSK	135	0	21.58	21.64	21.55	23.2	0.0
100	QPSK	135	69	21.60	21.70	21.62		
100	QPSK	135	138	21.60	21.69	21.65		
100	QPSK	270	0	21.71	21.72	21.70	23.2	0.0
100	16QAM	1	1	21.69	21.61	21.58	23.2	0.0
100	64QAM	1	1	21.69	21.59	21.50	21.7	1.5
100	256QAM	1	1	18.87	18.76	18.80	19.7	3.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.60	21.69	21.48	23.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.66	21.63	21.53	23.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.62	21.56	21.47	23.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.65	21.71	21.45	23.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.64	21.74	21.38	23.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.62	21.73	21.49	23.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.69	21.68	21.40	23.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.65	21.71	21.45	23.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.57	21.73	21.36	23.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.65	21.61	21.47	23.2	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	21.73	21.59	23.2	0.0
100	PI/2 BPSK	1	137	21.69	21.60	21.51		
100	PI/2 BPSK	1	271	21.60	21.74	21.59		
100	PI/2 BPSK	135	0	21.64	21.45	21.50	23.2	0.0
100	PI/2 BPSK	135	69	21.64	21.65	21.56	23.2	0.0
100	PI/2 BPSK	135	138	21.65	21.46	21.52	23.2	0.0
100	PI/2 BPSK	270	0	21.68	21.70	21.63		
100	QPSK	1	1	21.69	21.75	21.53	23.2	0.0
100	QPSK	1	137	21.58	21.67	21.63		
100	QPSK	1	271	21.59	21.59	21.52		
100	QPSK	135	0	21.58	21.64	21.55	23.2	0.0
100	QPSK	135	69	21.60	21.70	21.62		
100	QPSK	135	138	21.60	21.69	21.65		
100	QPSK	270	0	21.71	21.72	21.70	23.2	0.0
100	16QAM	1	1	21.69	21.61	21.58	23.2	0.0
100	64QAM	1	1	21.27	21.00	21.01	22.7	0.5
100	256QAM	1	1	18.87	18.76	18.80	19.7	3.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.60	21.69	21.48	23.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.66	21.63	21.53	23.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.62	21.56	21.47	23.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.65	21.71	21.45	23.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.64	21.74	21.38	23.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.62	21.73	21.49	23.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.69	21.68	21.40	23.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.65	21.71	21.45	23.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.57	21.73	21.36	23.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.65	21.61	21.47	23.2	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		22.00		23.2	0.0
100	PI/2 BPSK	1	137		21.80			
100	PI/2 BPSK	1	271		21.82			
100	PI/2 BPSK	135	0		22.03		23.2	0.0
100	PI/2 BPSK	135	69		21.98		23.2	0.0
100	PI/2 BPSK	135	138		21.84		23.2	0.0
100	PI/2 BPSK	270	0		21.94			
100	QPSK	1	1		22.05		23.2	0.0
100	QPSK	1	137		21.80			
100	QPSK	1	271		21.99			
100	QPSK	135	0		21.92		23.2	0.0
100	QPSK	135	69		21.97			
100	QPSK	135	138		21.94			
100	QPSK	270	0		21.93		23.2	0.0
100	16QAM	1	1		21.89		23.2	0.0
100	64QAM	1	1		21.70		21.7	1.5
100	256QAM	1	1		18.88		19.7	3.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.90	21.89	21.91	23.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.98	21.91	22.00	23.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.93	21.86	21.86	23.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.86	21.90	21.88	23.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.99	21.96	21.89	23.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.05	21.86	22.00	23.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.00	21.86	22.00	23.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.01	21.91	21.85	23.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.89	21.86	21.97	23.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.97	21.83	22.03	23.2	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		22.00		23.2	0.0
100	PI/2 BPSK	1	137		21.80			
100	PI/2 BPSK	1	271		21.82			
100	PI/2 BPSK	135	0		22.03		23.2	0.0
100	PI/2 BPSK	135	69		21.98		23.2	0.0
100	PI/2 BPSK	135	138		21.84		23.2	0.0
100	PI/2 BPSK	270	0		21.94			
100	QPSK	1	1		22.05		23.2	0.0
100	QPSK	1	137		21.80			
100	QPSK	1	271		21.99			
100	QPSK	135	0		21.92		23.2	0.0
100	QPSK	135	69		21.97			
100	QPSK	135	138		21.94			
100	QPSK	270	0		21.93		23.2	0.0
100	16QAM	1	1		21.89		23.2	0.0
100	64QAM	1	1		21.85		23.2	0.0
100	256QAM	1	1		18.88		19.7	3.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.90	21.89	21.91	23.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.98	21.91	22.00	23.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.93	21.86	21.86	23.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.86	21.90	21.88	23.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.99	21.96	21.89	23.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.05	21.86	22.00	23.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.00	21.86	22.00	23.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.01	21.91	21.85	23.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.89	21.86	21.97	23.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.97	21.83	22.03	23.2	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	QPSK	1	1	21.22	21.28	21.15	22.2	0.0
100	QPSK	1	137	21.20	21.07	21.03		
100	QPSK	1	271	21.20	20.97	21.01		
100	QPSK	137	0	21.16	21.11	20.95	22.2	0.0
100	QPSK	137	68	21.24	21.07	20.99		
100	QPSK	137	138	21.25	20.97	20.98		
100	QPSK	273	0	21.17	21.07	20.98	22.2	0.0
100	16QAM	1	1	21.21	21.14	20.92	22.2	0.0
100	64QAM	1	1	21.10	21.04	21.17	22.2	0.0
100	256QAM	1	1	18.21	18.23	18.44	19.7	2.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	21.05	21.20	21.09	22.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	21.03	21.18	21.08	22.2	0.0
Channel				648000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.10	21.21	21.07	22.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	21.10	21.24	21.07	22.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	21.16	21.22	21.06	22.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.11	21.22	21.04	22.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	21.11	21.26	21.03	22.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	21.07	21.11	21.05	22.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	21.04	21.10	21.06	22.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.08	21.25	21.00	22.2	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	QPSK	1	1		21.30		22.2	0.0
100	QPSK	1	137		21.18			
100	QPSK	1	271		21.17			
100	QPSK	137	0		21.08		22.2	0.0
100	QPSK	137	68		21.06			
100	QPSK	137	138		21.03			
100	QPSK	273	0		21.11		22.2	0.0
100	16QAM	1	1		20.88		22.2	0.0
100	64QAM	1	1		21.25		22.2	0.0
100	256QAM	1	1		18.95		19.7	2.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.22	21.20	21.20	22.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.18	21.29	21.29	22.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.21	21.21	21.15	22.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.13	21.11	21.19	22.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.28	21.29	21.22	22.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.24	21.16	21.20	22.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.11	21.17	21.23	22.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.12	21.15	21.11	22.2	0.0
Channel				630500	633332	636165	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.23	21.13	21.15	22.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.29	21.19	21.16	22.2	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	18.00	17.94	18.02		
100	PI/2 BPSK	1	137	17.96	17.87	17.87	19.2	0.0
100	PI/2 BPSK	1	271	17.79	17.94	17.97		
100	PI/2 BPSK	135	0	17.89	17.92	17.97	19.2	0.0
100	PI/2 BPSK	135	69	17.81	18.03	17.88	19.2	0.0
100	PI/2 BPSK	135	138	17.77	17.97	17.98	19.2	0.0
100	PI/2 BPSK	270	0	18.03	17.97	17.86		
100	QPSK	1	1	17.90	18.07	17.97		
100	QPSK	1	137	17.80	18.01	17.83	19.2	0.0
100	QPSK	1	271	17.84	18.01	17.81		
100	QPSK	135	0	17.89	17.92	18.01		
100	QPSK	135	69	17.90	18.05	17.97	19.2	0.0
100	QPSK	135	138	17.98	18.04	17.89		
100	QPSK	270	0	17.90	17.96	17.92	19.2	0.0
100	16QAM	1	1	17.93	17.98	17.94	19.2	0.0
100	64QAM	1	1	17.88	17.90	17.96	19.2	0.0
100	256QAM	1	1	17.42	17.45	17.44	18.2	1.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.98	17.91	17.84	19.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.92	18.03	17.84	19.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.03	17.88	17.98	19.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.04	17.91	17.99	19.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.87	18.05	17.85	19.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.03	18.03	18.01	19.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.88	18.06	17.94	19.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	(dBm)	(dB)
25	QPSK	1	1	17.98	17.91	17.85	19.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.90	17.90	17.99	19.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	17.86	17.89	17.91	19.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.04	17.99	17.92	19.2	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	18.00	17.94	18.02		
100	PI/2 BPSK	1	137	17.96	17.87	17.87	19.2	0.0
100	PI/2 BPSK	1	271	17.79	17.94	17.97		
100	PI/2 BPSK	135	0	17.89	17.92	17.97	19.2	0.0
100	PI/2 BPSK	135	69	17.81	18.03	17.88	19.2	0.0
100	PI/2 BPSK	135	138	17.77	17.97	17.98	19.2	0.0
100	PI/2 BPSK	270	0	18.03	17.97	17.86		
100	QPSK	1	1	17.90	18.07	17.97		
100	QPSK	1	137	17.80	18.01	17.83	19.2	0.0
100	QPSK	1	271	17.84	18.01	17.81		
100	QPSK	135	0	17.89	17.92	18.01		
100	QPSK	135	69	17.90	18.05	17.97	19.2	0.0
100	QPSK	135	138	17.98	18.04	17.89		
100	QPSK	270	0	17.90	17.96	17.92	19.2	0.0
100	16QAM	1	1	17.93	17.98	17.94	19.2	0.0
100	64QAM	1	1	17.88	17.90	17.96	19.2	0.0
100	256QAM	1	1	17.42	17.45	17.44	18.2	1.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.98	17.91	17.84	19.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.92	18.03	17.84	19.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.03	17.88	17.98	19.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.04	17.91	17.99	19.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.87	18.05	17.85	19.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.03	18.03	18.01	19.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.88	18.06	17.94	19.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	(dBm)	(dB)
25	QPSK	1	1	17.98	17.91	17.85	19.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.90	17.90	17.99	19.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	17.86	17.89	17.91	19.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.04	17.99	17.92	19.2	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		18.20			
100	PI/2 BPSK	1	137		17.93		19.2	0.0
100	PI/2 BPSK	1	271		18.02			
100	PI/2 BPSK	135	0		18.15		19.2	0.0
100	PI/2 BPSK	135	69		18.10		19.2	0.0
100	PI/2 BPSK	135	138		17.99		19.2	0.0
100	PI/2 BPSK	270	0		18.26			
100	QPSK	1	1		18.28			
100	QPSK	1	137		18.11		19.2	0.0
100	QPSK	1	271		18.10			
100	QPSK	135	0		18.21			
100	QPSK	135	69		18.22		19.2	0.0
100	QPSK	135	138		18.15			
100	QPSK	270	0		18.20		19.2	0.0
100	16QAM	1	1		17.93		19.2	0.0
100	64QAM	1	1		18.09		19.2	0.0
100	256QAM	1	1		17.30		18.2	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.27	18.07	18.16	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.12	18.22	18.26	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.16	18.13	18.10	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.25	18.21	18.18	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.16	18.24	18.07	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.27	18.25	18.14	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.23	18.25	18.15	19.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.21	18.13	18.20	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.18	18.20	18.21	19.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.08	18.12	18.17	19.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.23	18.07	18.21	19.2	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		18.20			
100	PI/2 BPSK	1	137		17.93		19.2	0.0
100	PI/2 BPSK	1	271		18.02			
100	PI/2 BPSK	135	0		18.15		19.2	0.0
100	PI/2 BPSK	135	69		18.10		19.2	0.0
100	PI/2 BPSK	135	138		17.99		19.2	0.0
100	PI/2 BPSK	270	0		18.26			
100	QPSK	1	1		18.28			
100	QPSK	1	137		18.11		19.2	0.0
100	QPSK	1	271		18.10			
100	QPSK	135	0		18.21			
100	QPSK	135	69		18.22		19.2	0.0
100	QPSK	135	138		18.15			
100	QPSK	270	0		18.20		19.2	0.0
100	16QAM	1	1		17.93		19.2	0.0
100	64QAM	1	1		18.09		19.2	0.0
100	256QAM	1	1		17.30		18.2	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.27	18.07	18.16	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.12	18.22	18.26	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.16	18.13	18.10	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.25	18.21	18.18	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.16	18.24	18.07	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.27	18.25	18.14	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.23	18.25	18.15	19.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.21	18.13	18.20	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.18	18.20	18.21	19.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.08	18.12	18.17	19.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.23	18.07	18.21	19.2	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	QPSK	1	1	17.95	18.00	17.95	19.2	0.0
100	QPSK	1	137	17.69	17.85	17.74		
100	QPSK	1	271	17.75	17.97	17.77		
100	QPSK	137	0	17.88	17.81	17.87	19.2	0.0
100	QPSK	137	68	17.86	17.96	17.78		
100	QPSK	137	138	17.81	17.94	17.79		
100	QPSK	273	0	17.71	17.85	17.83	19.2	0.0
100	16QAM	1	1	17.90	17.95	17.78	19.2	0.0
100	64QAM	1	1	17.75	17.72	17.84	19.2	0.0
100	256QAM	1	1	17.31	17.27	17.31	18.2	1.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.70	17.87	17.81	19.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.67	17.92	17.82	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.70	17.93	17.76	19.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.64	17.87	17.68	19.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.80	17.82	17.73	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.76	18.00	17.68	19.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.65	17.83	17.80	19.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.74	17.97	17.65	19.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.69	17.83	17.65	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.69	17.88	17.70	19.2	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	QPSK	1	1		18.22		19.2	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.99			
100	QPSK	137	0		18.10		19.2	0.0
100	QPSK	137	68		18.19			
100	QPSK	137	138		18.14			
100	QPSK	273	0		18.13		19.2	0.0
100	16QAM	1	1		17.86		19.2	0.0
100	64QAM	1	1		18.09		19.2	0.0
100	256QAM	1	1		17.19		18.2	1.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.00	18.13	18.10	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.16	18.08	18.19	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.00	18.05	18.13	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.10	18.12	18.21	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.05	18.08	18.19	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.03	18.17	18.06	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.11	18.06	18.16	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.16	18.01	18.11	19.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.06	18.20	18.10	19.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.10	18.09	18.21	19.2	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	16.13	16.32	16.12	17.7	0.0
100	PI/2 BPSK	1	137	16.18	16.13	16.23		
100	PI/2 BPSK	1	271	16.17	16.17	16.07		
100	PI/2 BPSK	135	0	16.17	16.30	16.19	17.7	0.0
100	PI/2 BPSK	135	69	16.06	16.16	16.18	17.7	0.0
100	PI/2 BPSK	135	138	16.07	16.10	16.06	17.7	0.0
100	PI/2 BPSK	270	0	16.22	16.19	16.16		
100	QPSK	1	1	16.30	16.35	16.29	17.7	0.0
100	QPSK	1	137	16.08	16.11	16.20		
100	QPSK	1	271	16.08	16.21	16.03		
100	QPSK	135	0	16.10	16.20	16.12	17.7	0.0
100	QPSK	135	69	16.09	16.32	16.08		
100	QPSK	135	138	16.15	16.31	16.16		
100	QPSK	270	0	16.22	16.28	16.12	17.7	0.0
100	16QAM	1	1	16.26	16.16	16.29	17.7	0.0
100	64QAM	1	1	16.17	16.26	16.22	17.7	0.0
100	256QAM	1	1	16.20	16.19	16.18	17.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.16	16.34	16.24	17.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.12	16.30	16.31	17.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.26	16.26	16.30	17.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.26	16.31	16.16	17.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.14	16.31	16.22	17.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.26	16.19	16.26	17.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.10	16.33	16.22	17.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.25	16.29	16.13	17.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.20	16.24	16.22	17.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.28	16.22	16.30	17.7	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	16.13	16.32	16.12	17.7	0.0
100	PI/2 BPSK	1	137	16.18	16.13	16.23		
100	PI/2 BPSK	1	271	16.17	16.17	16.07		
100	PI/2 BPSK	135	0	16.17	16.30	16.19	17.7	0.0
100	PI/2 BPSK	135	69	16.06	16.16	16.18	17.7	0.0
100	PI/2 BPSK	135	138	16.07	16.10	16.06	17.7	0.0
100	PI/2 BPSK	270	0	16.22	16.19	16.16		
100	QPSK	1	1	16.30	16.35	16.29	17.7	0.0
100	QPSK	1	137	16.08	16.11	16.20		
100	QPSK	1	271	16.08	16.21	16.03		
100	QPSK	135	0	16.10	16.20	16.12	17.7	0.0
100	QPSK	135	69	16.09	16.32	16.08		
100	QPSK	135	138	16.15	16.31	16.16		
100	QPSK	270	0	16.22	16.28	16.12	17.7	0.0
100	16QAM	1	1	16.26	16.16	16.29	17.7	0.0
100	64QAM	1	1	16.17	16.26	16.22	17.7	0.0
100	256QAM	1	1	16.20	16.19	16.18	17.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.16	16.34	16.24	17.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.12	16.30	16.31	17.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.26	16.26	16.30	17.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.26	16.31	16.16	17.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.14	16.31	16.22	17.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.26	16.19	16.26	17.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.10	16.33	16.22	17.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.25	16.29	16.13	17.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.20	16.24	16.22	17.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.28	16.22	16.30	17.7	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		16.38		17.7	0.0
100	PI/2 BPSK	1	137		16.20			
100	PI/2 BPSK	1	271		16.43			
100	PI/2 BPSK	135	0		16.31		17.7	0.0
100	PI/2 BPSK	135	69		16.12		17.7	0.0
100	PI/2 BPSK	135	138		16.28		17.7	0.0
100	PI/2 BPSK	270	0		16.40			
100	QPSK	1	1		16.47		17.7	0.0
100	QPSK	1	137		16.14			
100	QPSK	1	271		16.42			
100	QPSK	135	0		16.27		17.7	0.0
100	QPSK	135	69		16.40			
100	QPSK	135	138		16.25			
100	QPSK	270	0		16.34		17.7	0.0
100	16QAM	1	1		16.35		17.7	0.0
100	64QAM	1	1		16.18		17.7	0.0
100	256QAM	1	1		16.36		17.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.27	16.44	16.35	17.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.29	16.32	16.37	17.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.30	16.43	16.35	17.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.30	16.29	16.42	17.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.40	16.45	16.38	17.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.39	16.42	16.38	17.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.38	16.42	16.33	17.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.30	16.43	16.37	17.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	16.26	16.42	16.38	17.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	16.26	16.32	16.44	17.7	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		16.38		17.7	0.0
100	PI/2 BPSK	1	137		16.20			
100	PI/2 BPSK	1	271		16.43			
100	PI/2 BPSK	135	0		16.31		17.7	0.0
100	PI/2 BPSK	135	69		16.12		17.7	0.0
100	PI/2 BPSK	135	138		16.28		17.7	0.0
100	PI/2 BPSK	270	0		16.40			
100	QPSK	1	1		16.47		17.7	0.0
100	QPSK	1	137		16.14			
100	QPSK	1	271		16.42			
100	QPSK	135	0		16.27		17.7	0.0
100	QPSK	135	69		16.40			
100	QPSK	135	138		16.25			
100	QPSK	270	0		16.34		17.7	0.0
100	16QAM	1	1		16.35		17.7	0.0
100	64QAM	1	1		16.18		17.7	0.0
100	256QAM	1	1		16.36		17.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.27	16.44	16.35	17.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.29	16.32	16.37	17.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.30	16.43	16.35	17.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.30	16.29	16.42	17.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.40	16.45	16.38	17.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.39	16.42	16.38	17.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.38	16.42	16.33	17.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.30	16.43	16.37	17.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	16.26	16.42	16.38	17.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	16.26	16.32	16.44	17.7	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	QPSK	1	1	16.27	16.30	16.25	17.7	0.0
100	QPSK	1	137	16.03	16.09	16.02		
100	QPSK	1	271	16.01	16.09	16.04		
100	QPSK	137	0	16.00	16.18	16.06	17.7	0.0
100	QPSK	137	68	16.03	16.16	16.02		
100	QPSK	137	138	16.13	16.15	16.13		
100	QPSK	273	0	16.19	16.21	16.10	17.7	0.0
100	16QAM	1	1	16.23	16.00	16.14	17.7	0.0
100	64QAM	1	1	16.17	16.17	16.19	17.7	0.0
100	256QAM	1	1	16.05	16.12	16.04	17.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.27	16.22	16.18	17.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.29	16.18	16.18	17.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.26	16.23	16.13	17.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.11	16.19	16.20	17.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.27	16.13	16.19	17.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.26	16.16	16.18	17.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.18	16.24	16.27	17.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.13	16.25	16.19	17.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.20	16.25	16.17	17.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.28	16.11	16.28	17.7	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	QPSK	1	1		16.45		17.7	0.0
100	QPSK	1	137		16.14			
100	QPSK	1	271		16.31			
100	QPSK	137	0		16.12		17.7	0.0
100	QPSK	137	68		16.11			
100	QPSK	137	138		16.29			
100	QPSK	273	0		16.16		17.7	0.0
100	16QAM	1	1		16.30		17.7	0.0
100	64QAM	1	1		16.01		17.7	0.0
100	256QAM	1	1		16.19		17.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.28	16.27	16.35	17.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.36	16.43	16.37	17.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.36	16.36	16.32	17.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.38	16.40	16.28	17.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.39	16.44	16.38	17.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.38	16.45	16.34	17.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.24	16.31	16.38	17.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.22	16.44	16.38	17.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	16.31	16.27	16.30	17.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	16.36	16.42	16.36	17.7	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	22.25	22.31	22.22	23.7	0.0
100	PI/2 BPSK	1	137	22.21	22.18	22.19		
100	PI/2 BPSK	1	271	22.01	21.97	22.02		
100	PI/2 BPSK	135	0	22.09	22.18	22.13	23.2	0.5
100	PI/2 BPSK	135	69	22.18	22.15	22.08	23.7	0.0
100	PI/2 BPSK	135	138	22.18	22.11	22.02	23.2	0.5
100	PI/2 BPSK	270	0	22.17	22.09	22.16		
100	QPSK	1	1	22.32	22.36	22.31	23.7	0.0
100	QPSK	1	137	22.27	22.24	22.29		
100	QPSK	1	271	22.02	22.05	22.05		
100	QPSK	135	0	22.20	22.25	22.20	23.7	0.0
100	QPSK	135	69	22.23	22.30	22.25		
100	QPSK	135	138	22.11	22.08	22.13		
100	QPSK	270	0	21.59	21.78	21.76	22.7	1.0
100	16QAM	1	1	21.71	21.79	21.80	22.7	1.0
100	64QAM	1	1	19.80	19.75	19.85	21.2	2.5
100	256QAM	1	1	17.95	17.90	17.88	19.2	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	22.18	22.15	22.14	23.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.10	22.20	22.12	23.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.16	22.28	22.08	23.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.25	22.22	22.09	23.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.12	22.20	22.08	23.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.17	22.22	22.07	23.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.21	22.19	22.17	23.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.18	22.22	22.07	23.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	22.13	22.13	22.08	23.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.18	22.26	22.21	23.7	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	23.10	23.27	23.12	24.2	0.0
100	PI/2 BPSK	1	137	23.02	23.13	23.21		
100	PI/2 BPSK	1	271	23.07	23.22	23.13		
100	PI/2 BPSK	135	0	23.23	23.29	23.18	24.2	0.0
100	PI/2 BPSK	135	69	23.15	23.17	23.11	24.2	0.0
100	PI/2 BPSK	135	138	23.13	23.16	23.13	24.2	0.0
100	PI/2 BPSK	270	0	23.06	23.14	23.20		
100	QPSK	1	1	23.35	23.40	23.38	24.2	0.0
100	QPSK	1	137	23.04	23.11	23.09		
100	QPSK	1	271	23.14	23.20	23.16		
100	QPSK	135	0	23.10	23.12	23.17	24.2	0.0
100	QPSK	135	69	23.10	23.18	23.06		
100	QPSK	135	138	23.07	23.12	23.09		
100	QPSK	270	0	23.02	23.21	23.05	24.2	0.0
100	16QAM	1	1	23.10	23.14	23.17	24.2	0.0
100	64QAM	1	1	22.35	22.40	22.33	23.7	0.5
100	256QAM	1	1	20.29	20.35	20.32	21.7	2.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	22.80	22.84	22.77	24.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	22.78	22.94	22.81	24.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.78	22.95	22.80	24.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	22.85	22.99	22.85	24.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	22.90	22.95	22.84	24.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.88	22.88	22.75	24.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	22.90	22.85	22.78	24.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	22.92	22.89	22.81	24.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	22.94	22.92	22.78	24.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.78	22.86	22.82	24.2	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		22.02		23.7	0.0
100	PI/2 BPSK	1	137		21.99			
100	PI/2 BPSK	1	271		21.97			
100	PI/2 BPSK	135	0		21.94		23.2	0.5
100	PI/2 BPSK	135	69		21.96		23.7	0.0
100	PI/2 BPSK	135	138		21.94		23.2	0.5
100	PI/2 BPSK	270	0		21.89			
100	QPSK	1	1		22.06		23.7	0.0
100	QPSK	1	137		22.05			
100	QPSK	1	271		21.94			
100	QPSK	135	0		21.90		23.7	0.0
100	QPSK	135	69		21.94			
100	QPSK	135	138		21.90			
100	QPSK	270	0		21.60		22.7	1.0
100	16QAM	1	1		21.62		22.7	1.0
100	64QAM	1	1		20.01		21.2	2.5
100	256QAM	1	1		18.11		19.2	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.81	22.04	21.98	23.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.75	21.87	21.83	23.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.81	22.05	21.89	23.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.82	21.95	21.96	23.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.91	22.01	21.81	23.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.91	21.91	21.81	23.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.73	21.99	21.97	23.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.88	21.98	21.81	23.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.75	22.00	21.99	23.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.91	21.91	21.93	23.7	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		23.02		24.2	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.95			
100	PI/2 BPSK	135	0		23.10		24.2	0.0
100	PI/2 BPSK	135	69		22.92		24.2	0.0
100	PI/2 BPSK	135	138		22.89		24.2	0.0
100	PI/2 BPSK	270	0		23.03			
100	QPSK	1	1		23.33		24.2	0.0
100	QPSK	1	137		23.01			
100	QPSK	1	271		22.99			
100	QPSK	135	0		22.93		24.2	0.0
100	QPSK	135	69		23.20			
100	QPSK	135	138		23.00			
100	QPSK	270	0		23.10		24.2	0.0
100	16QAM	1	1		22.68		24.2	0.0
100	64QAM	1	1		22.70		24.2	0.0
100	256QAM	1	1		20.80		21.7	2.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	22.95	22.98	23.06	24.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.03	22.97	22.98	24.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	22.89	22.95	22.90	24.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.04	23.04	23.08	24.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	22.93	23.03	22.98	24.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	22.94	23.03	22.90	24.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	22.98	23.05	23.03	24.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	22.99	23.02	23.00	24.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	23.03	22.96	23.08	24.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	22.97	22.92	23.05	24.2	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	QPSK	1	1	21.28	21.35	21.25	22.2	0.0
100	QPSK	1	137	21.27	21.30	21.22		
100	QPSK	1	271	20.86	20.97	20.78		
100	QPSK	137	0	21.16	21.25	21.12	22.2	0.0
100	QPSK	137	68	21.07	21.15	20.99		
100	QPSK	137	138	21.01	21.04	20.97		
100	QPSK	273	0	21.04	21.15	21.06	22.2	0.0
100	16QAM	1	1	21.14	21.20	21.06	22.2	0.0
100	64QAM	1	1	21.22	21.30	21.16	22.2	0.0
100	256QAM	1	1	18.57	18.65	18.50	19.7	2.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	21.02	21.27	21.01	22.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	21.13	21.19	21.19	22.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.13	21.18	21.02	22.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	21.13	21.11	21.09	22.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	21.12	21.23	21.01	22.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.00	21.12	21.07	22.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	21.06	21.20	21.03	22.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	21.06	21.10	21.11	22.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	21.02	21.21	21.02	22.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.99	21.18	21.20	22.2	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	QPSK	1	1		21.30		22.2	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.13			
100	QPSK	137	0		21.25		22.2	0.0
100	QPSK	137	68		21.27			
100	QPSK	137	138		21.23			
100	QPSK	273	0		21.29		22.2	0.0
100	16QAM	1	1		20.87		22.2	0.0
100	64QAM	1	1		21.25		22.2	0.0
100	256QAM	1	1		19.55		19.7	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.23	21.27	21.20	22.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.05	21.21	21.17	22.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.08	21.18	21.05	22.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.19	21.09	21.10	22.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.08	21.17	21.06	22.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.05	21.25	21.08	22.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.06	21.10	21.14	22.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.08	21.27	21.07	22.2	0.0
Channel				630500	633332	636165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	21.05	21.15	21.06	22.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.21	21.21	21.10	22.2	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					630016			
Frequency [MHz]					3465.08			
100	PI/2 BPSK	1	0		21.41		23.2	0.0
100	PI/2 BPSK	1	135		21.42			
100	PI/2 BPSK	1	271		21.51			
100	PI/2 BPSK	136	0		21.45		23.2	0.0
100	PI/2 BPSK	135	69		21.46		23.2	0.0
100	PI/2 BPSK	135	135		21.46		23.2	0.0
100	PI/2 BPSK	270	0		21.45		23.2	0.0
100	QPSK	1	0		21.53		23.2	0.0
100	QPSK	1	135		21.54			
100	QPSK	1	271		21.64			
100	QPSK	136	0		21.52		23.2	0.0
100	QPSK	135	69		21.53			
100	QPSK	135	135		21.53			
100	QPSK	270	0		21.52		23.2	0.0
100	16QAM	1	0		20.48		22.7	1.0
100	16QAM	1	135		20.49		22.7	1.0
100	16QAM	1	271		20.58		22.7	1.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
80	QPSK	1	0	21.41	21.47	21.41	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
40	QPSK	1	0	21.78	21.87	21.78	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
20	QPSK	1	0	21.76	21.81	21.76	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
10	QPSK	1	0	21.87	21.94	21.87	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
5	QPSK	1	0	21.88	21.97	21.88	23.2	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					630016			
Frequency [MHz]					3465.08			
100	PI/2 BPSK	1	0		21.41		23.2	0.0
100	PI/2 BPSK	1	135		21.42			
100	PI/2 BPSK	1	271		21.51			
100	PI/2 BPSK	136	0		21.45		23.2	0.0
100	PI/2 BPSK	135	69		21.46		23.2	0.0
100	PI/2 BPSK	135	135		21.46		23.2	0.0
100	PI/2 BPSK	270	0		21.45		23.2	0.0
100	QPSK	1	0		21.53		23.2	0.0
100	QPSK	1	135		21.54			
100	QPSK	1	271		21.64			
100	QPSK	136	0		21.52		23.2	0.0
100	QPSK	135	69		21.53			
100	QPSK	135	135		21.53			
100	QPSK	270	0		21.52		23.2	0.0
100	16QAM	1	0		20.48		22.7	1.0
100	16QAM	1	135		20.49		22.7	1.0
100	16QAM	1	271		20.58		22.7	1.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
80	QPSK	1	0	21.41	21.47	21.41	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
40	QPSK	1	0	21.78	21.87	21.78	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
20	QPSK	1	0	21.76	21.81	21.76	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
10	QPSK	1	0	21.87	21.94	21.87	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
5	QPSK	1	0	21.88	21.97	21.88	23.2	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					630016			
Frequency [MHz]					3465.08			
100	PI/2 BPSK	1	0		21.41		23.2	0.0
100	PI/2 BPSK	1	135		21.42			
100	PI/2 BPSK	1	271		21.51			
100	PI/2 BPSK	136	0		21.45		23.2	0.0
100	PI/2 BPSK	135	69		21.46		23.2	0.0
100	PI/2 BPSK	135	135		21.46		23.2	0.0
100	PI/2 BPSK	270	0		21.45		23.2	0.0
100	QPSK	1	0		21.53		23.2	0.0
100	QPSK	1	135		21.54			
100	QPSK	1	271		21.64			
100	QPSK	136	0		21.52		23.2	0.0
100	QPSK	135	69		21.53			
100	QPSK	135	135		21.53			
100	QPSK	270	0		21.52		23.2	0.0
100	16QAM	1	0		20.48		22.7	1.0
100	16QAM	1	135		20.49		22.7	1.0
100	16QAM	1	271		20.58		22.7	1.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
80	QPSK	1	0	21.41	21.47	21.41	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
40	QPSK	1	0	21.78	21.87	21.78	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
20	QPSK	1	0	21.76	21.81	21.76	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
10	QPSK	1	0	21.87	21.94	21.87	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
5	QPSK	1	0	21.88	21.97	21.88	23.2	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					630016			
Frequency [MHz]					3465.08			
100	PI/2 BPSK	1	0		21.41		23.2	0.0
100	PI/2 BPSK	1	135		21.42			
100	PI/2 BPSK	1	271		21.51			
100	PI/2 BPSK	136	0		21.45		23.2	0.0
100	PI/2 BPSK	135	69		21.46		23.2	0.0
100	PI/2 BPSK	135	135		21.46		23.2	0.0
100	PI/2 BPSK	270	0		21.45		23.2	0.0
100	QPSK	1	0		21.53		23.2	0.0
100	QPSK	1	135		21.54			
100	QPSK	1	271		21.64			
100	QPSK	136	0		21.52		23.2	0.0
100	QPSK	135	69		21.53			
100	QPSK	135	135		21.53			
100	QPSK	270	0		21.52		23.2	0.0
100	16QAM	1	0		20.48		22.7	1.0
100	16QAM	1	135		20.49		22.7	1.0
100	16QAM	1	271		20.58		22.7	1.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
80	QPSK	1	0	21.41	21.47	21.41	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
40	QPSK	1	0	21.78	21.87	21.78	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
20	QPSK	1	0	21.76	21.81	21.76	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
10	QPSK	1	0	21.87	21.94	21.87	23.2	0.0
Channel				630000	630016	630032	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3465.00	3465.08	3465.16		
5	QPSK	1	0	21.88	21.97	21.88	23.2	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	QPSK	1	1		21.88		22.7	0.0
100	QPSK	1	137		21.71			
100	QPSK	1	271		21.66			
100	QPSK	137	0		21.84		22.7	0.0
100	QPSK	137	68		21.78			
100	QPSK	137	138		21.77			
100	QPSK	273	0		21.78		22.7	0.0
100	16QAM	1	1		21.70		22.7	0.0
100	64QAM	1	1		21.44		22.7	0.0
100	256QAM	1	1		18.10		19.7	3.0
Channel				649668	650332	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	21.74	21.73	21.78	22.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	21.75	21.77	21.79	22.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	21.65	21.71	21.68	22.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	21.69	21.74	21.66	22.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	21.77	21.71	21.74	22.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.66	21.73	21.73	22.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	(dBm)	(dB)
30	QPSK	1	1	21.67	21.81	21.69	22.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	21.66	21.76	21.66	22.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	21.75	21.69	21.65	22.7	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	QPSK	1	1		21.95		22.7	0.0
100	QPSK	1	137		21.86			
100	QPSK	1	271		21.92			
100	QPSK	137	0		21.90		22.7	0.0
100	QPSK	137	68		21.84			
100	QPSK	137	138		21.88			
100	QPSK	273	0		21.70		22.7	0.0
100	16QAM	1	1		21.80		22.7	0.0
100	64QAM	1	1		21.46		22.7	0.0
100	256QAM	1	1		18.28		19.7	3.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.70	21.72	21.76	22.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.69	21.70	21.78	22.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.74	21.79	21.72	22.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.68	21.74	21.69	22.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.79	21.71	21.76	22.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.64	21.81	21.71	22.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.68	21.82	21.67	22.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.64	21.78	21.67	22.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.67	21.70	21.65	22.7	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					640000			
Frequency (MHz)					3730			
100	PI/2 BPSK	1	0		17.42		19.2	0.0
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	136	0		17.74		19.2	0.0
100	PI/2 BPSK	136	68		17.66		19.2	0.0
100	PI/2 BPSK	272	0		17.74		19.2	0.0
100	PI/2 BPSK	272	1		17.66			
100	QPSK	1	0		18.46		19.2	0.0
100	QPSK	1	271		18.46			
100	QPSK	136	0		18.47			
100	QPSK	136	68		18.47		19.2	0.0
100	QPSK	272	0		18.47			
100	QPSK	272	1		18.46			
100	64QAM	1	0		17.74		19.2	0.0
100	64QAM	1	1		17.74			
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
60	QPSK	1	0	17.74	17.74	17.74	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
40	QPSK	1	0	17.74	17.74	17.74	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
20	QPSK	1	0	17.74	17.74	17.74	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
10	QPSK	1	0	17.74	17.74	17.74	19.2	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					640000			
Frequency (MHz)					3730			
100	PI/2 BPSK	1	0		17.42			
100	PI/2 BPSK	1	271		17.42		19.2	0.0
100	PI/2 BPSK	136	0		17.74		19.2	0.0
100	PI/2 BPSK	136	68		17.66		19.2	0.0
100	PI/2 BPSK	272	0		17.74		19.2	0.0
100	PI/2 BPSK	272	1		17.66			
100	QPSK	1	0		18.46			
100	QPSK	1	271		18.46		19.2	0.0
100	QPSK	136	0		18.47			
100	QPSK	136	68		18.47		19.2	0.0
100	QPSK	272	0		18.47			
100	QPSK	272	1		18.46			
100	64QAM	1	0		17.74		19.2	0.0
100	64QAM	1	1		17.74			
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
60	QPSK	1	0	17.74	17.74	17.74	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
40	QPSK	1	0	17.74	17.74	17.74	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
20	QPSK	1	0	17.74	17.74	17.74	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
10	QPSK	1	0	17.74	17.74	17.74	19.2	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					640000			
Frequency (MHz)					3730			
100	PI/2 BPSK	1	0		18.14			
100	PI/2 BPSK	1	271		17.66		19.2	0.0
100	PI/2 BPSK	136	0		18.14		19.2	0.0
100	PI/2 BPSK	136	68		18.06		19.2	0.0
100	PI/2 BPSK	272	0		18.14		19.2	0.0
100	PI/2 BPSK	272	1		18.06			
100	QPSK	1	0		18.14			
100	QPSK	1	271		18.14		19.2	0.0
100	QPSK	136	0		18.07			
100	QPSK	136	68		18.07		19.2	0.0
100	QPSK	272	0		18.07			
100	QPSK	272	1		18.06			
100	64QAM	1	0		17.66		19.2	0.0
100	64QAM	1	1		17.66		19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
60	QPSK	1	0	17.66	17.66	17.66	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
40	QPSK	1	0	17.66	17.66	17.66	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
20	QPSK	1	0	17.66	17.66	17.66	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
10	QPSK	1	0	16.42	16.14	16.42	19.2	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					640000			
Frequency (MHz)					3730			
100	PI/2 BPSK	1	0		18.14			
100	PI/2 BPSK	1	271		17.66		19.2	0.0
100	PI/2 BPSK	136	0		18.14		19.2	0.0
100	PI/2 BPSK	136	68		18.06		19.2	0.0
100	PI/2 BPSK	272	0		18.14		19.2	0.0
100	PI/2 BPSK	272	1		18.06			
100	QPSK	1	0		18.14			
100	QPSK	1	271		18.14		19.2	0.0
100	QPSK	136	0		18.07			
100	QPSK	136	68		18.07		19.2	0.0
100	QPSK	272	0		18.07			
100	QPSK	272	1		18.06			
100	64QAM	1	0		17.66		19.2	0.0
100	64QAM	1	1		17.66		19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
60	QPSK	1	0	17.66	17.66	17.66	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
40	QPSK	1	0	17.66	17.66	17.66	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
20	QPSK	1	0	17.66	17.66	17.66	19.2	0.0
Channel				639168	640000	640832	Tune-up limit	MPR
Frequency (MHz)				3729.24	3730	3730.76	(dBm)	(dB)
10	QPSK	1	0	16.42	16.14	16.42	19.2	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	QPSK	1	1		17.85		19.2	0.0
100	QPSK	1	137		17.74			
100	QPSK	1	271		17.79			
100	QPSK	137	0		17.66		19.2	0.0
100	QPSK	137	68		17.69			
100	QPSK	137	138		17.68			
100	QPSK	273	0		17.82		19.2	0.0
100	16QAM	1	1		17.66		19.2	0.0
100	64QAM	1	1		17.70		19.2	0.0
100	256QAM	1	1		17.20		18.2	1.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.70	17.72	17.73	19.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.71	17.76	17.64	19.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.74	17.75	17.72	19.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.75	17.84	17.73	19.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.65	17.82	17.70	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.75	17.71	17.62	19.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	18.80	17.79	17.67	19.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.80	17.66	17.74	19.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.72	17.82	17.67	19.2	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	QPSK	1	1		18.10		19.2	0.0
100	QPSK	1	137		18.07			
100	QPSK	1	271		18.04			
100	QPSK	137	0		17.97		19.2	0.0
100	QPSK	137	68		17.99			
100	QPSK	137	138		17.94			
100	QPSK	273	0		17.98		19.2	0.0
100	16QAM	1	1		17.80		19.2	0.0
100	64QAM	1	1		17.90		19.2	0.0
100	256QAM	1	1		17.22		18.2	1.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.91	18.05	18.02	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.91	17.99	18.01	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.95	17.94	17.93	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.93	17.99	17.91	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.86	18.01	18.03	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.89	17.90	17.94	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.84	17.90	17.90	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.90	18.08	17.98	19.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.84	18.02	17.95	19.2	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					620000			
Frequency [MHz]					3700			
100	PI/2 BPSK	1	0		16.47		17.7	0.0
100	PI/2 BPSK	1	135		16.52			
100	PI/2 BPSK	1	271		16.49			
100	PI/2 BPSK	136	0		16.33		17.7	0.0
100	PI/2 BPSK	135	69		16.29		17.7	0.0
100	PI/2 BPSK	271	0		16.47		17.7	0.0
100	PI/2 BPSK	271	1		16.47			
100	QPSK	1	0		16.57		17.7	0.0
100	QPSK	1	135		16.61			
100	QPSK	1	271		16.57			
100	QPSK	136	0		16.13		17.7	0.0
100	QPSK	135	69		16.21			
100	QPSK	271	0		16.13			
100	QPSK	271	1		16.13			
100	64QAM	1	0		16.11		17.7	0.0
100	64QAM	1	1		16.25		17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
80	QPSK	1	0	16.47	16.44	16.41	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
40	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
20	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
10	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
5	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
20	QPSK	1	0	16.08	16.05	16.11	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
10	QPSK	1	0	15.97	16.13	16.16	17.7	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					620000			
Frequency [MHz]					3700			
100	PI/2 BPSK	1	0		16.47		17.7	0.0
100	PI/2 BPSK	1	271		16.52			
100	PI/2 BPSK	136	0		16.33		17.7	0.0
100	PI/2 BPSK	135	69		16.29		17.7	0.0
100	PI/2 BPSK	271	0		16.47		17.7	0.0
100	QPSK	1	0		16.57		17.7	0.0
100	QPSK	1	271		16.61			
100	QPSK	136	0		16.13		17.7	0.0
100	QPSK	135	69		16.21			
100	QPSK	271	0		16.13			
100	64QAM	1	0		16.11		17.7	0.0
100	64QAM	1	1		16.25		17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
80	QPSK	1	0	16.47	16.44	16.41	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
40	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
20	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
10	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
5	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
20	QPSK	1	0	16.08	16.05	16.11	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
10	QPSK	1	0	15.97	16.13	16.16	17.7	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					620000			
Frequency [MHz]					3700			
100	PI/2 BPSK	1	0		16.47		17.7	0.0
100	PI/2 BPSK	1	271		16.52			
100	PI/2 BPSK	136	0		16.33		17.7	0.0
100	PI/2 BPSK	135	69		16.29		17.7	0.0
100	PI/2 BPSK	271	0		16.47		17.7	0.0
100	QPSK	1	0		16.57		17.7	0.0
100	QPSK	1	271		16.61			
100	QPSK	136	0		16.13		17.7	0.0
100	QPSK	135	69		16.21			
100	QPSK	271	0		16.13			
100	64QAM	1	0		16.11		17.7	0.0
100	64QAM	1	1		16.25		17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
80	QPSK	1	0	16.47	16.44	16.41	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
40	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
20	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
10	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
5	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
20	QPSK	1	0	16.08	16.05	16.11	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
10	QPSK	1	0	15.97	16.13	16.16	17.7	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					620000			
Frequency [MHz]					3700			
100	PI/2 BPSK	1	0		16.47		17.7	0.0
100	PI/2 BPSK	1	271		16.52			
100	PI/2 BPSK	136	0		16.33		17.7	0.0
100	PI/2 BPSK	135	69		16.29		17.7	0.0
100	PI/2 BPSK	271	0		16.47		17.7	0.0
100	QPSK	1	0		16.57		17.7	0.0
100	QPSK	1	271		16.61			
100	QPSK	136	0		16.13		17.7	0.0
100	QPSK	135	69		16.21			
100	QPSK	271	0		16.13			
100	64QAM	1	0		16.11		17.7	0.0
100	64QAM	1	1		16.25		17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
80	QPSK	1	0	16.47	16.44	16.41	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
40	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
20	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
10	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
5	QPSK	1	0	16.78	16.77	16.76	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
20	QPSK	1	0	16.08	16.05	16.11	17.7	0.0
Channel				630000	640000	650000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3720.00	3740	3759.99		
10	QPSK	1	0	15.97	16.13	16.16	17.7	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	QPSK	1	1		16.28		17.7	0.0
100	QPSK	1	137		16.07			
100	QPSK	1	271		16.11			
100	QPSK	137	0		16.09		17.7	0.0
100	QPSK	137	68		16.05			
100	QPSK	137	138		16.04			
100	QPSK	273	0		16.21		17.7	0.0
100	16QAM	1	1		16.03		17.7	0.0
100	64QAM	1	1		16.09		17.7	0.0
100	256QAM	1	1		16.09		17.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.12	16.29	16.15	17.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.29	16.26	16.16	17.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.15	16.15	16.11	17.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	16.16	16.24	16.23	17.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	16.27	16.26	16.07	17.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.12	16.20	16.18	17.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	16.29	16.22	16.24	17.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	16.15	16.26	16.16	17.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.27	16.18	16.24	17.7	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	QPSK	1	1		16.27		17.7	0.0
100	QPSK	1	137		16.00			
100	QPSK	1	271		16.25			
100	QPSK	137	0		16.16		17.7	0.0
100	QPSK	137	68		16.19			
100	QPSK	137	138		16.01			
100	QPSK	273	0		16.06		17.7	0.0
100	16QAM	1	1		16.12		17.7	0.0
100	64QAM	1	1		16.06		17.7	0.0
100	256QAM	1	1		16.19		17.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.10	16.16	16.18	17.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.18	16.13	16.19	17.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.24	16.12	16.17	17.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.16	16.14	16.12	17.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.25	16.27	16.22	17.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.14	16.23	16.20	17.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.22	16.17	16.13	17.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.10	16.20	16.17	17.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.17	16.16	16.21	17.7	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		23.30		24.2	0.0
100	PI/2 BPSK	1	137		23.30			
100	PI/2 BPSK	1	271		23.09			
100	PI/2 BPSK	135	0		23.23		23.7	0.5
100	PI/2 BPSK	135	69		23.11		24.2	0.0
100	PI/2 BPSK	135	138		23.24		23.7	0.5
100	PI/2 BPSK	270	0		23.15			
100	QPSK	1	1		23.37		24.2	0.0
100	QPSK	1	137		23.30			
100	QPSK	1	271		23.16			
100	QPSK	135	0		23.30		24.2	0.0
100	QPSK	135	69		23.32			
100	QPSK	135	138		23.16			
100	QPSK	270	0		22.63		23.2	1.0
100	16QAM	1	1		22.87		23.2	1.0
100	64QAM	1	1		20.84		21.7	2.5
100	256QAM	1	1		18.91		19.7	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.23	23.23	23.18	24.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.29	23.18	23.16	24.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.19	23.22	23.35	24.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.29	23.30	23.29	24.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.31	23.31	23.30	24.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.30	23.33	23.20	24.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	23.25	23.34	23.30	24.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.31	23.26	23.21	24.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.29	23.29	23.27	24.2	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		23.30		24.2	0.0
100	PI/2 BPSK	1	137		23.30			
100	PI/2 BPSK	1	271		23.09			
100	PI/2 BPSK	135	0		23.23		24.2	0.0
100	PI/2 BPSK	135	69		23.11		24.2	0.0
100	PI/2 BPSK	135	138		23.24		24.2	0.0
100	PI/2 BPSK	270	0		23.15			
100	QPSK	1	1		23.37		24.2	0.0
100	QPSK	1	137		23.30			
100	QPSK	1	271		23.16			
100	QPSK	135	0		23.30		24.2	0.0
100	QPSK	135	69		23.32			
100	QPSK	135	138		23.16			
100	QPSK	270	0		22.63		24.2	0.0
100	16QAM	1	1		22.87		24.2	0.0
100	64QAM	1	1		20.84		23.7	0.5
100	256QAM	1	1		18.91		21.7	2.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.23	23.23	23.18	24.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.29	23.18	23.16	24.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.19	23.22	23.35	24.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.29	23.30	23.29	24.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.31	23.31	23.30	24.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.30	23.33	23.20	24.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	23.25	23.34	23.30	24.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.31	23.26	23.21	24.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.29	23.29	23.27	24.2	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		23.17		24.2	0.0
100	PI/2 BPSK	1	137		23.24			
100	PI/2 BPSK	1	271		22.96			
100	PI/2 BPSK	135	0		23.20		23.7	0.5
100	PI/2 BPSK	135	69		23.05		24.2	0.0
100	PI/2 BPSK	135	138		23.11		23.7	0.5
100	PI/2 BPSK	270	0		23.05			
100	QPSK	1	1		23.30		24.2	0.0
100	QPSK	1	137		23.22			
100	QPSK	1	271		23.09			
100	QPSK	135	0		23.15		24.2	0.0
100	QPSK	135	69		23.22			
100	QPSK	135	138		23.03			
100	QPSK	270	0		22.62		23.2	1.0
100	16QAM	1	1		22.85		23.2	1.0
100	64QAM	1	1		20.72		21.7	2.5
100	256QAM	1	1		18.83		19.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.23	23.06	23.17	24.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.22	23.17	23.18	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.14	23.07	23.17	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.28	23.13	23.26	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.11	23.13	23.14	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.16	23.06	23.23	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.23	23.13	23.18	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.21	23.23	23.28	24.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.14	23.11	23.21	24.2	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		23.17		24.2	0.0
100	PI/2 BPSK	1	137		23.24			
100	PI/2 BPSK	1	271		22.96			
100	PI/2 BPSK	135	0		23.20		24.2	0.0
100	PI/2 BPSK	135	69		23.05		24.2	0.0
100	PI/2 BPSK	135	138		23.11		24.2	0.0
100	PI/2 BPSK	270	0		23.05			
100	QPSK	1	1		23.30		24.2	0.0
100	QPSK	1	137		23.22			
100	QPSK	1	271		23.09			
100	QPSK	135	0		23.15		24.2	0.0
100	QPSK	135	69		23.22			
100	QPSK	135	138		23.03			
100	QPSK	270	0		22.62		24.2	0.0
100	16QAM	1	1		22.85		24.2	0.0
100	64QAM	1	1		20.72		23.7	0.5
100	256QAM	1	1		18.83		21.7	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.23	23.06	23.17	24.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.22	23.17	23.18	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.14	23.07	23.17	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.28	23.13	23.26	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.11	23.13	23.14	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.16	23.06	23.23	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.23	23.13	23.18	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.21	23.23	23.28	24.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.14	23.11	23.21	24.2	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	QPSK	1	1		21.98		22.7	0.0
100	QPSK	1	137		21.91			
100	QPSK	1	271		21.77			
100	QPSK	137	0		21.91		22.7	0.0
100	QPSK	137	68		21.93			
100	QPSK	137	138		21.77			
100	QPSK	273	0		21.86		22.7	0.0
100	16QAM	1	1		21.51		22.7	0.0
100	64QAM	1	1		21.50		22.7	0.0
100	256QAM	1	1		18.32		19.7	3.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.62	21.64	21.76	22.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.71	21.74	21.73	22.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.75	21.73	21.81	22.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.76	21.61	21.67	22.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.69	21.73	21.66	22.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.66	21.64	21.80	22.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	21.76	21.68	21.76	22.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.62	21.73	21.75	22.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.77	21.67	21.80	22.7	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	QPSK	1	1		21.99		22.7	0.0
100	QPSK	1	137		21.90			
100	QPSK	1	271		21.79			
100	QPSK	137	0		20.99		22.7	0.0
100	QPSK	137	68		21.96			
100	QPSK	137	138		20.89			
100	QPSK	273	0		20.93		22.7	0.0
100	16QAM	1	1		21.88		22.7	0.0
100	64QAM	1	1		21.50		22.7	0.0
100	256QAM	1	1		18.39		19.7	3.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	21.68	21.74	21.82	22.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.67	21.67	21.78	22.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	21.78	21.79	21.76	22.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	21.82	21.74	21.75	22.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.77	21.67	21.84	22.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	21.81	21.79	21.73	22.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	21.78	21.70	21.80	22.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.81	21.74	21.79	22.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	21.76	21.71	21.83	22.7	0.0

Reduced Power Mode for DSI 10&15

GSM850_Ant 0		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		31.49	31.57	31.55	32.00	22.49	22.57	22.55	23.00
GPRS/EDGE(GMSK) 1 Tx slot		31.44	31.55	31.49	32.00	22.44	22.55	22.49	23.00
GPRS/EDGE(GMSK) 2 Tx slots		28.21	28.30	28.15	29.00	22.21	22.30	22.15	23.00
GPRS/EDGE(GMSK) 3 Tx slots		25.89	26.00	25.91	27.00	21.63	21.74	21.65	22.74
GPRS/EDGE(GMSK) 4 Tx slots		24.83	24.88	24.83	25.90	21.83	21.88	21.83	22.90
EDGE 1 Tx slot		26.23	26.08	26.25	27.50	17.23	17.08	17.25	18.50
EDGE 2 Tx slots		23.36	23.29	23.31	24.50	17.36	17.29	17.31	18.50
EDGE 3 Tx slots		21.38	21.41	21.33	22.70	17.12	17.15	17.07	18.44
EDGE 4 Tx slots		20.33	20.35	20.36	21.90	17.33	17.35	17.36	18.90
DTM Multi-slot class 5	GSM 1 Tx slot	28.22	28.19	28.15	29.00	22.14	22.20	22.06	22.98
	GPRS 1 Tx slot	28.10	28.26	28.00	29.00				
DTM Multi-slot class 9	GSM 1 Tx slot	28.22	28.28	28.13	29.00	22.12	22.21	22.04	22.98
	GPRS 1 Tx slot	28.06	28.19	27.99	29.00				
DTM Multi-slot class 11	GSM 1 Tx slot	25.85	25.95	25.92	27.00	21.60	21.78	21.61	22.74
	GPRS 2 Tx slots	25.86	26.08	25.85	27.00				
DTM Multi-slot class 5	GSM 1 Tx slot	28.31	28.35	28.20	29.00	20.43	20.43	20.30	21.29
	EDGE 1 Tx slot	23.11	23.01	22.95	24.50				
DTM Multi-slot class 9	GSM 1 Tx slot	28.31	28.30	28.17	29.00	20.42	20.38	20.31	21.29
	EDGE 1 Tx slot	23.09	22.95	23.06	24.50				
DTM Multi-slot class 11	GSM 1 Tx slot	25.96	25.99	25.87	27.00	19.09	19.14	19.04	20.38
	EDGE 2 Tx slots	21.05	21.12	21.06	22.70				

GSM850_Ant 1		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		33.30	33.33	33.29	34.00	24.30	24.33	24.29	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.24	33.22	33.20	34.00	24.24	24.22	24.20	25.00
GPRS/EDGE(GMSK) 2 Tx slots		29.80	29.85	29.77	31.00	23.80	23.85	23.77	25.00
GPRS/EDGE(GMSK) 3 Tx slots		27.86	28.00	27.90	29.20	23.60	23.74	23.64	24.94
GPRS/EDGE(GMSK) 4 Tx slots		26.89	27.00	26.92	28.50	23.89	24.00	23.92	25.50
EDGE 1 Tx slot		26.71	26.59	26.57	28.00	17.71	17.59	17.57	19.00
EDGE 2 Tx slots		23.72	23.51	23.79	25.00	17.72	17.51	17.79	19.00
EDGE 3 Tx slots		21.83	21.70	21.77	23.20	17.57	17.44	17.51	18.94
EDGE 4 Tx slots		20.91	20.80	20.74	22.50	17.91	17.80	17.74	19.50
DTM Multi-slot class 5	GSM 1 Tx slot	29.70	29.80	29.72	31.00	23.64	23.75	23.66	24.98
	GPRS 1 Tx slot	29.63	29.75	29.64	31.00				
DTM Multi-slot class 9	GSM 1 Tx slot	29.82	29.82	29.62	31.00	23.76	23.76	23.68	24.98
	GPRS 1 Tx slot	29.74	29.75	29.77	31.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.95	28.04	27.97	29.20	23.70	23.81	23.68	24.94
	GPRS 2 Tx slots	27.96	28.09	27.92	29.20				
DTM Multi-slot class 5	GSM 1 Tx slot	29.89	29.87	29.79	31.00	21.73	21.68	21.69	22.94
	EDGE 1 Tx slot	23.36	23.16	23.55	25.00				
DTM Multi-slot class 9	GSM 1 Tx slot	29.83	29.79	29.74	31.00	21.68	21.63	21.64	22.94
	EDGE 1 Tx slot	23.35	23.25	23.53	25.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.87	28.05	28.00	29.20	20.52	20.58	20.57	21.94
	EDGE 2 Tx slots	21.60	21.40	21.49	23.20				

GSM1900_Ant 4		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		27.74	27.86	27.81	28.50	18.74	18.86	18.81	19.50
GPRS/EDGE(GMSK) 1 Tx slot		27.66	27.82	27.76	28.50	18.66	18.82	18.76	19.50
GPRS/EDGE(GMSK) 2 Tx slots		24.42	24.50	24.35	25.50	18.42	18.50	18.35	19.50
GPRS/EDGE(GMSK) 3 Tx slots		22.62	22.70	22.63	23.70	18.36	18.44	18.37	19.44
GPRS/EDGE(GMSK) 4 Tx slots		21.58	21.60	21.54	22.50	18.58	18.60	18.54	19.50
EDGE 1 Tx slot		25.00	24.96	24.91	26.00	16.00	15.96	15.91	17.00
EDGE 2 Tx slots		21.82	21.50	21.71	23.00	15.82	15.50	15.71	17.00
EDGE 3 Tx slots		19.71	19.61	19.73	21.20	15.45	15.35	15.47	16.94
EDGE 4 Tx slots		18.88	18.75	18.77	20.30	15.88	15.75	15.77	17.30
DTM Multi-slot class 5	GSM 1 Tx slot	24.37	24.34	24.32	25.50	18.31	18.34	18.25	19.48
	GPRS 1 Tx slot	24.29	24.39	24.23	25.50				
DTM Multi-slot class 9	GSM 1 Tx slot	24.27	24.46	24.21	25.50	18.33	18.41	18.20	19.48
	GPRS 1 Tx slot	24.42	24.41	24.24	25.50				
DTM Multi-slot class 11	GSM 1 Tx slot	22.59	22.63	22.68	23.70	18.34	18.45	18.45	19.44
	GPRS 2 Tx slots	22.60	22.75	22.73	23.70				
DTM Multi-slot class 5	GSM 1 Tx slot	24.44	24.54	24.32	25.50	17.22	17.19	17.07	18.41
	EDGE 1 Tx slot	21.57	21.28	21.38	23.00				
DTM Multi-slot class 9	GSM 1 Tx slot	24.48	24.45	24.31	25.50	17.21	17.08	17.07	18.41
	EDGE 1 Tx slot	21.46	21.14	21.38	23.00				
DTM Multi-slot class 11	GSM 1 Tx slot	22.64	22.80	22.71	23.70	16.54	16.56	16.53	17.94
	EDGE 2 Tx slots	19.47	19.34	19.38	21.20				

GSM1900_Ant 5		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		30.10	30.16	30.19	31.00	21.10	21.16	21.19	22.00
GPRS/EDGE(GMSK) 1 Tx slot		30.05	30.12	30.14	31.00	21.05	21.12	21.14	22.00
GPRS/EDGE(GMSK) 2 Tx slots		26.41	26.45	26.44	28.00	20.41	20.45	20.44	22.00
GPRS/EDGE(GMSK) 3 Tx slots		24.62	24.65	24.59	26.20	20.36	20.39	20.33	21.94
GPRS/EDGE(GMSK) 4 Tx slots		23.92	24.00	23.94	25.50	20.92	21.00	20.94	22.50
EDGE 1 Tx slot		26.04	26.22	26.12	27.00	17.04	17.22	17.12	18.00
EDGE 2 Tx slots		22.80	22.81	22.79	24.00	16.80	16.81	16.79	18.00
EDGE 3 Tx slots		20.83	20.81	20.74	22.20	16.57	16.55	16.48	17.94
EDGE 4 Tx slots		19.89	20.02	20.12	21.50	16.89	17.02	17.12	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	26.38	26.33	26.29	28.00	20.29	20.31	20.29	21.98
	GPRS 1 Tx slot	26.25	26.34	26.33	28.00				
DTM Multi-slot class 9	GSM 1 Tx slot	26.31	26.39	26.31	28.00	20.35	20.32	20.27	21.98
	GPRS 1 Tx slot	26.43	26.29	26.27	28.00				
DTM Multi-slot class 11	GSM 1 Tx slot	24.74	24.77	24.68	26.20	20.45	20.42	20.35	21.94
	GPRS 2 Tx slots	24.70	24.64	24.57	26.20				
DTM Multi-slot class 5	GSM 1 Tx slot	26.36	26.53	26.42	28.00	18.84	18.95	18.86	20.42
	EDGE 1 Tx slot	22.54	22.52	22.49	24.00				
DTM Multi-slot class 9	GSM 1 Tx slot	26.50	26.48	26.44	28.00	18.94	18.91	18.90	20.42
	EDGE 1 Tx slot	22.54	22.50	22.55	24.00				
DTM Multi-slot class 11	GSM 1 Tx slot	24.64	24.60	24.65	26.20	18.13	18.04	18.09	19.71
	EDGE 2 Tx slots	20.58	20.44	20.48	22.20				

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.70	18.82	18.73	19.50	17.96	18.05	17.92	19.00
3GPP Rel 99	RMC 12.2Kbps	18.83	18.85	18.79	19.50	18.03	18.11	17.99	19.00
3GPP Rel 6	HSDPA Subtest-1	17.69	17.41	17.49	18.50	17.17	17.06	17.32	18.00
3GPP Rel 6	HSDPA Subtest-2	17.80	17.42	17.35	18.50	17.04	17.35	17.37	18.00
3GPP Rel 6	HSDPA Subtest-3	17.32	17.31	17.00	18.00	16.59	16.84	16.77	17.50
3GPP Rel 6	HSDPA Subtest-4	17.05	16.90	17.08	18.00	16.62	16.71	16.82	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.64	17.61	17.56	18.50	17.09	17.18	17.25	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.79	17.65	17.36	18.50	17.21	17.28	17.36	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.25	16.98	16.95	18.00	16.51	16.65	16.62	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.27	17.07	17.09	18.00	16.57	16.78	16.85	17.50
3GPP Rel 6	HSUPA Subtest-1	17.76	17.70	17.49	18.50	17.17	17.23	17.30	18.00
3GPP Rel 6	HSUPA Subtest-2	15.81	15.77	15.62	16.50	15.04	15.34	15.27	16.00
3GPP Rel 6	HSUPA Subtest-3	15.82	15.50	15.74	16.50	15.36	15.29	15.53	16.00
3GPP Rel 6	HSUPA Subtest-4	15.73	15.75	15.67	16.50	15.39	15.41	15.51	16.00
3GPP Rel 6	HSUPA Subtest-5	17.75	17.64	17.57	18.50	17.14	17.23	17.40	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.77	15.75	15.59	16.50	15.27	15.63	15.42	16.00

Band		WCDMA II_Ant 5			Tune-up Limit (dBm)	WCDMA IV_Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.77	23.80	23.75	24.80	23.88	23.90	23.82	24.80
3GPP Rel 99	RMC 12.2Kbps	23.82	23.86	23.81	24.80	23.90	23.96	23.94	24.80
3GPP Rel 6	HSDPA Subtest-1	23.39	23.28	23.27	23.80	23.14	23.22	23.32	23.80
3GPP Rel 6	HSDPA Subtest-2	23.38	23.25	23.23	23.80	23.12	23.28	23.32	23.80
3GPP Rel 6	HSDPA Subtest-3	22.87	22.77	22.82	23.30	22.85	22.91	23.32	23.30
3GPP Rel 6	HSDPA Subtest-4	22.83	22.76	22.80	23.30	22.83	22.88	23.32	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.35	23.24	23.23	23.80	23.15	23.16	23.24	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.38	23.19	23.21	23.80	23.10	23.25	23.26	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.81	22.76	22.81	23.30	22.77	22.81	23.24	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.80	22.74	22.71	23.30	22.85	22.91	23.33	23.30
3GPP Rel 6	HSUPA Subtest-1	23.40	23.37	23.31	23.80	23.15	23.13	23.11	23.80
3GPP Rel 6	HSUPA Subtest-2	21.37	21.33	21.31	21.80	21.15	21.08	21.05	21.80
3GPP Rel 6	HSUPA Subtest-3	21.42	21.35	21.37	21.80	21.18	21.11	21.03	21.80
3GPP Rel 6	HSUPA Subtest-4	21.35	21.23	21.29	21.80	21.18	21.05	21.00	21.80
3GPP Rel 6	HSUPA Subtest-5	23.40	23.40	23.40	23.80	23.20	23.30	23.30	23.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.10	21.20	21.15	21.80	21.25	21.30	21.22	21.80

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V Ch Delta > 0.5
TX Channel		4132	4182	4233		
Rx Channel		4357	4407	4458		
Frequency (MHz)		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	22.40	22.49	22.38	23.30	0.15
3GPP Rel 99	RMC 12.2Kbps	22.42	22.53	22.41	23.30	
3GPP Rel 6	HSDPA Subtest-1	22.01	21.87	21.88	22.30	0.14
3GPP Rel 6	HSDPA Subtest-2	21.91	21.84	21.88	22.30	0.07
3GPP Rel 6	HSDPA Subtest-3	21.53	21.44	21.37	21.80	0.16
3GPP Rel 6	HSDPA Subtest-4	21.42	21.47	21.37	21.80	0.10
3GPP Rel 8	DC-HSDPA Subtest-1	21.93	21.98	21.96	22.30	0.05
3GPP Rel 8	DC-HSDPA Subtest-2	21.75	21.77	21.83	22.30	0.08
3GPP Rel 8	DC-HSDPA Subtest-3	21.50	21.39	21.41	21.80	0.11
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.36	21.10	21.80	0.26
3GPP Rel 6	HSUPA Subtest-1	21.78	21.94	21.96	22.30	0.18
3GPP Rel 6	HSUPA Subtest-2	19.90	20.02	19.80	20.30	0.22
3GPP Rel 6	HSUPA Subtest-3	21.02	21.02	20.80	21.30	0.22
3GPP Rel 6	HSUPA Subtest-4	19.60	19.88	19.75	20.30	0.28
3GPP Rel 6	HSUPA Subtest-5	21.57	21.90	21.78	22.30	0.33
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.00	20.07	19.99	20.30	0.08

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)	WCDMA V Ch Delta > 0.5
TX Channel		4132	4182	4233		
Rx Channel		4357	4407	4458		
Frequency (MHz)		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	24.02	24.00	23.99	24.80	0.11
3GPP Rel 99	RMC 12.2Kbps	24.03	24.10	24.06	24.80	
3GPP Rel 6	HSDPA Subtest-1	23.26	23.19	23.11	23.80	0.15
3GPP Rel 6	HSDPA Subtest-2	23.28	23.15	23.14	23.80	0.14
3GPP Rel 6	HSDPA Subtest-3	22.78	22.70	22.61	23.30	0.17
3GPP Rel 6	HSDPA Subtest-4	22.76	22.71	22.59	23.30	0.17
3GPP Rel 8	DC-HSDPA Subtest-1	23.25	23.20	23.10	23.80	0.15
3GPP Rel 8	DC-HSDPA Subtest-2	23.15	23.07	23.13	23.80	0.08
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.77	22.69	23.30	0.08
3GPP Rel 8	DC-HSDPA Subtest-4	22.63	22.60	22.53	23.30	0.10
3GPP Rel 6	HSUPA Subtest-1	23.21	23.20	23.15	23.80	0.06
3GPP Rel 6	HSUPA Subtest-2	21.21	21.18	21.09	21.80	0.12
3GPP Rel 6	HSUPA Subtest-3	22.20	22.23	22.12	22.80	0.11
3GPP Rel 6	HSUPA Subtest-4	21.22	21.19	21.11	21.80	0.11
3GPP Rel 6	HSUPA Subtest-5	23.30	23.20	23.10	23.80	0.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.52	21.50	21.55	21.80	0.05

Band 2_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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.93	19.03	18.96	19.9	0
20	QPSK	1	49	19.02	19.01	18.96		
20	QPSK	1	99	18.94	18.95	18.93		
20	QPSK	50	0	18.9	18.95	18.93	19.9	0
20	QPSK	50	24	18.85	18.88	18.91		
20	QPSK	50	50	18.91	18.94	18.8		
20	QPSK	100	0	18.88	18.94	18.83		
20	16QAM	1	0	19	18.97	18.97	19.9	0
20	16QAM	1	49	18.91	18.98	18.86		
20	16QAM	1	99	18.93	19.01	18.89		
20	16QAM	50	0	18.96	18.94	18.94	19.9	0
20	16QAM	50	24	18.94	18.98	18.83		
20	16QAM	50	50	18.94	18.9	18.85		
20	16QAM	100	0	18.92	18.94	18.89		
20	64QAM	1	0	18.92	18.93	18.99	19.9	0
20	64QAM	1	49	18.86	18.93	18.93		
20	64QAM	1	99	18.97	18.93	18.92		
20	64QAM	50	0	18.96	18.98	18.97	19.9	0
20	64QAM	50	24	18.92	18.91	18.96		
20	64QAM	50	50	18.96	18.97	18.79		
20	64QAM	100	0	18.98	19	18.84		
20	256QAM	1	0	17.62	17.65	17.52	18.8	1.1
20	256QAM	1	49	17.50	17.52	17.34		
20	256QAM	1	99	17.50	17.59	17.47		
20	256QAM	50	0	17.51	17.55	17.41	18.8	1.1
20	256QAM	50	24	17.41	17.60	17.50		
20	256QAM	50	50	17.46	17.63	17.60		
20	256QAM	100	0	17.48	17.55	17.55		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	18.92	18.98	18.82	19.9	0
15	QPSK	1	37	18.96	18.93	18.95		
15	QPSK	1	74	18.8	18.91	18.83		
15	QPSK	36	0	18.77	18.93	18.8	19.9	0
15	QPSK	36	20	18.71	18.85	18.79		
15	QPSK	36	39	18.76	18.91	18.66		
15	QPSK	75	0	18.74	18.88	18.7		
15	16QAM	1	0	18.89	18.84	18.85	19.9	0
15	16QAM	1	37	18.77	18.89	18.75		
15	16QAM	1	74	18.88	18.94	18.85		
15	16QAM	36	0	18.86	18.92	18.79	19.9	0
15	16QAM	36	20	18.86	18.87	18.73		
15	16QAM	36	39	18.8	18.75	18.84		
15	16QAM	75	0	18.92	18.84	18.79		
15	64QAM	1	0	18.87	18.79	18.87	19.9	0
15	64QAM	1	37	18.71	18.93	18.78		
15	64QAM	1	74	18.96	18.85	18.88		
15	64QAM	36	0	18.82	18.92	18.84	19.9	0
15	64QAM	36	20	18.88	18.86	18.96		
15	64QAM	36	39	18.93	18.92	18.65		
15	64QAM	75	0	18.83	18.98	18.79		
15	256QAM	1	0	17.58	17.57	17.43	18.8	1.1
15	256QAM	1	37	17.46	17.48	17.20		
15	256QAM	1	74	17.44	17.45	17.35		
15	256QAM	36	0	17.42	17.46	17.34	18.8	1.1
15	256QAM	36	20	17.28	17.46	17.45		
15	256QAM	36	39	17.32	17.50	17.50		
15	256QAM	75	0	17.41	17.42	17.42		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	18.82	19.02	18.95	19.9	0
10	QPSK	1	25	18.95	18.92	18.93		
10	QPSK	1	49	18.87	18.83	18.79		
10	QPSK	25	0	18.78	18.92	18.93	19.9	0
10	QPSK	25	12	18.81	18.82	18.85		
10	QPSK	25	25	18.89	18.91	18.76		
10	QPSK	50	0	18.83	18.87	18.79		
10	16QAM	1	0	18.85	18.84	18.82	19.9	0
10	16QAM	1	25	18.87	18.91	18.76		
10	16QAM	1	49	18.8	18.88	18.77		
10	16QAM	25	0	18.82	18.91	18.83	19.9	0
10	16QAM	25	12	18.9	18.91	18.83		
10	16QAM	25	25	18.81	18.79	18.79		
10	16QAM	50	0	18.81	18.85	18.86		
10	64QAM	1	0	18.77	18.87	18.84	19.9	0
10	64QAM	1	25	18.71	18.78	18.92		
10	64QAM	1	49	18.96	18.78	18.92		
10	64QAM	25	0	18.91	18.92	18.93	19.9	0
10	64QAM	25	12	18.81	18.86	18.91		
10	64QAM	25	25	18.86	18.96	18.73		
10	64QAM	50	0	18.95	19	18.73		
10	256QAM	1	0	17.55	17.60	17.38	18.8	1.1
10	256QAM	1	25	17.42	17.48	17.27		
10	256QAM	1	49	17.45	17.47	17.35		
10	256QAM	25	0	17.45	17.43	17.27	18.8	1.1
10	256QAM	25	12	17.32	17.48	17.41		
10	256QAM	25	25	17.32	17.55	17.53		
10	256QAM	50	0	17.34	17.45	17.44		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	18.89	18.99	18.86	19.9	0
5	QPSK	1	12	19	18.94	18.87		
5	QPSK	1	24	18.93	18.9	18.82		
5	QPSK	12	0	18.83	18.87	18.8	19.9	0
5	QPSK	12	7	18.79	18.86	18.86		
5	QPSK	12	13	18.79	18.87	18.69		
5	QPSK	25	0	18.86	18.9	18.75		
5	16QAM	1	0	18.98	18.86	18.9	19.9	0
5	16QAM	1	12	18.87	18.92	18.72		
5	16QAM	1	24	18.92	19.01	18.83		
5	16QAM	12	0	18.86	18.88	18.87	19.9	0
5	16QAM	12	7	18.88	18.84	18.71		
5	16QAM	12	13	18.85	18.77	18.82		
5	16QAM	25	0	18.86	18.87	18.84		
5	64QAM	1	0	18.77	18.89	18.96	19.9	0
5	64QAM	1	12	18.83	18.92	18.92		
5	64QAM	1	24	18.83	18.82	18.88		
5	64QAM	12	0	18.92	18.87	18.86	19.9	0
5	64QAM	12	7	18.87	18.88	18.96		
5	64QAM	12	13	18.91	18.85	18.72		
5	64QAM	25	0	18.85	18.92	18.73		
5	256QAM	1	0	17.49	17.61	17.47	18.8	1.1
5	256QAM	1	12	17.46	17.46	17.30		
5	256QAM	1	24	17.44	17.49	17.41		
5	256QAM	12	0	17.40	17.49	17.33	18.8	1.1
5	256QAM	12	7	17.27	17.51	17.36		
5	256QAM	12	13	17.41	17.56	17.49		
5	256QAM	25	0	17.44	17.48	17.51		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	18.93	18.95	18.82	19.9	0
3	QPSK	1	8	18.93	19.01	18.96		
3	QPSK	1	14	18.81	18.93	18.87		
3	QPSK	8	0	18.89	18.91	18.87	19.9	0
3	QPSK	8	4	18.83	18.80	18.77		
3	QPSK	8	7	18.77	18.84	18.69		
3	QPSK	15	0	18.81	18.86	18.83		
3	16QAM	1	0	19.00	18.87	18.86	19.9	0
3	16QAM	1	8	18.89	18.95	18.80		
3	16QAM	1	14	18.78	18.95	18.82		
3	16QAM	8	0	18.88	18.79	18.84	19.9	0
3	16QAM	8	4	18.92	18.90	18.72		
3	16QAM	8	7	18.86	18.81	18.77		
3	16QAM	15	0	18.77	18.79	18.82		
3	64QAM	1	0	18.85	18.80	18.95	19.9	0
3	64QAM	1	8	18.83	18.79	18.86		
3	64QAM	1	14	18.88	18.80	18.90		
3	64QAM	8	0	18.87	18.91	18.83	19.9	0
3	64QAM	8	4	18.80	18.86	18.87		
3	64QAM	8	7	18.96	18.92	18.65		
3	64QAM	15	0	18.93	18.90	18.74		
3	256QAM	1	0	17.50	17.53	17.48	18.8	1.1
3	256QAM	1	8	17.40	17.41	17.25		
3	256QAM	1	14	17.36	17.50	17.42		
3	256QAM	8	0	17.38	17.48	17.35	18.8	1.1
3	256QAM	8	4	17.35	17.53	17.42		
3	256QAM	8	7	17.35	17.59	17.52		
3	256QAM	15	0	17.37	17.49	17.43		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	18.93	18.93	18.88	19.9	0
1.4	QPSK	1	3	18.88	18.94	18.83		
1.4	QPSK	1	5	18.85	18.83	18.81		
1.4	QPSK	3	0	18.83	18.92	18.87		
1.4	QPSK	3	1	18.74	18.79	18.89		
1.4	QPSK	3	3	18.82	18.85	18.73		
1.4	QPSK	6	0	18.76	18.93	18.83	19.9	0
1.4	16QAM	1	0	18.88	18.90	18.97	19.9	0
1.4	16QAM	1	3	18.77	18.97	18.81		
1.4	16QAM	1	5	18.93	18.91	18.75		
1.4	16QAM	3	0	18.89	18.87	18.89		
1.4	16QAM	3	1	18.90	18.97	18.69		
1.4	16QAM	3	3	18.90	18.75	18.79		
1.4	16QAM	6	0	18.77	18.83	18.81	19.9	0
1.4	64QAM	1	0	18.81	18.83	18.96	19.9	0
1.4	64QAM	1	3	18.76	18.92	18.87		
1.4	64QAM	1	5	18.83	18.81	18.77		
1.4	64QAM	3	0	18.87	18.86	18.84		
1.4	64QAM	3	1	18.78	18.77	18.82		
1.4	64QAM	3	3	18.96	18.86	18.76		
1.4	64QAM	6	0	18.95	18.88	18.76	19.9	0
1.4	256QAM	1	0	17.61	17.57	17.44	18.8	1.1
1.4	256QAM	1	3	17.49	17.42	17.29		
1.4	256QAM	1	5	17.49	17.56	17.45		
1.4	256QAM	3	0	17.49	17.52	17.35		
1.4	256QAM	3	1	17.37	17.52	17.45		
1.4	256QAM	3	3	17.39	17.59	17.59		
1.4	256QAM	6	0	17.40	17.44	17.45	18.8	1.1

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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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.82	23.90	23.78	24.8	0
20	QPSK	1	49	23.75	23.85	23.75		
20	QPSK	1	99	23.67	23.71	23.70		
20	QPSK	50	0	22.91	22.97	22.89	23.8	1
20	QPSK	50	24	22.87	22.86	22.88		
20	QPSK	50	50	22.81	22.82	22.85		
20	QPSK	100	0	22.83	22.91	22.87		
20	16QAM	1	0	23.09	23.29	23.00	23.8	1
20	16QAM	1	49	23.24	23.28	23.27		
20	16QAM	1	99	22.91	22.96	23.00		
20	16QAM	50	0	21.85	22.00	21.78	22.8	2
20	16QAM	50	24	21.87	21.90	21.86		
20	16QAM	50	50	21.81	21.84	21.87		
20	16QAM	100	0	21.84	21.88	21.87		
20	64QAM	1	0	21.97	22.18	22.00	22.8	2
20	64QAM	1	49	22.02	22.06	22.14		
20	64QAM	1	99	21.92	21.89	21.97		
20	64QAM	50	0	20.85	21.01	20.80	21.8	3
20	64QAM	50	24	20.87	20.89	20.89		
20	64QAM	50	50	20.81	20.84	20.85		
20	64QAM	100	0	20.84	20.86	20.88		
20	256QAM	1	0	18.74	18.88	18.88	19.8	5
20	256QAM	1	49	18.77	18.80	18.80		
20	256QAM	1	99	18.69	18.85	18.71		
20	256QAM	50	0	18.65	18.77	18.71	19.8	5
20	256QAM	50	24	18.60	18.72	18.71		
20	256QAM	50	50	18.68	18.70	18.69		
20	256QAM	100	0	18.64	18.69	18.52		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	23.70	23.82	23.75	24.8	0
15	QPSK	1	37	23.61	23.67	23.60		
15	QPSK	1	74	23.53	23.66	23.57		
15	QPSK	36	0	22.83	22.82	22.74	23.8	1
15	QPSK	36	20	22.85	22.83	22.70		
15	QPSK	36	39	22.65	22.73	22.78		
15	QPSK	75	0	22.82	22.75	22.86		
15	16QAM	1	0	22.91	23.25	22.86	23.8	1
15	16QAM	1	37	23.24	23.15	23.12		
15	16QAM	1	74	22.75	22.96	22.86		
15	16QAM	36	0	21.82	21.84	21.75	22.8	2
15	16QAM	36	20	21.74	21.74	21.73		
15	16QAM	36	39	21.74	21.73	21.80		
15	16QAM	75	0	21.82	21.88	21.85		
15	64QAM	1	0	21.89	22.01	21.92	22.8	2
15	64QAM	1	37	21.91	21.90	22.03		
15	64QAM	1	74	21.78	21.89	21.83		
15	64QAM	36	0	20.79	20.97	20.74	21.8	3
15	64QAM	36	20	20.73	20.83	20.75		
15	64QAM	36	39	20.64	20.83	20.68		
15	64QAM	75	0	20.70	20.71	20.74		
15	256QAM	1	0	18.59	18.88	18.73	19.8	5
15	256QAM	1	37	18.70	18.76	18.73		
15	256QAM	1	74	18.61	18.85	18.63		
15	256QAM	36	0	18.62	18.75	18.68	19.8	5
15	256QAM	36	20	18.52	18.59	18.63		
15	256QAM	36	39	18.52	18.67	18.53		
15	256QAM	75	0	18.50	18.63	18.38		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	23.63	23.84	23.78	24.8	0
10	QPSK	1	25	23.64	23.70	23.65		
10	QPSK	1	49	23.59	23.66	23.60		
10	QPSK	25	0	22.69	22.96	22.66	23.8	1
10	QPSK	25	12	22.71	22.81	22.81		
10	QPSK	25	25	22.70	22.80	22.78		
10	QPSK	50	0	22.73	22.69	22.85		
10	16QAM	1	0	23.04	23.24	22.90	23.8	1
10	16QAM	1	25	23.16	23.23	23.12		
10	16QAM	1	49	22.90	22.94	22.96		
10	16QAM	25	0	21.85	21.88	21.78	22.8	2
10	16QAM	25	12	21.77	21.79	21.76		
10	16QAM	25	25	21.73	21.73	21.79		
10	16QAM	50	0	21.68	21.78	21.71		
10	64QAM	1	0	21.79	21.99	21.82	22.8	2
10	64QAM	1	25	21.89	21.99	22.01		
10	64QAM	1	49	21.75	21.78	21.80		
10	64QAM	25	0	20.78	20.83	20.73	21.8	3
10	64QAM	25	12	20.78	20.81	20.80		
10	64QAM	25	25	20.62	20.68	20.66		
10	64QAM	50	0	20.77	20.75	20.81		
10	256QAM	1	0	18.66	18.72	18.80	19.8	5
10	256QAM	1	25	18.66	18.69	18.69		
10	256QAM	1	49	18.68	18.66	18.70		
10	256QAM	25	0	18.54	18.58	18.60	19.8	5
10	256QAM	25	12	18.47	18.59	18.58		
10	256QAM	25	25	18.56	18.66	18.57		
10	256QAM	50	0	18.63	18.62	18.51		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	23.77	23.74	23.71	24.8	0
5	QPSK	1	12	23.67	23.70	23.74		
5	QPSK	1	24	23.50	23.54	23.53		
5	QPSK	12	0	22.79	22.93	22.66	23.8	1
5	QPSK	12	7	22.83	22.71	22.79		
5	QPSK	12	13	22.65	22.71	22.66		
5	QPSK	25	0	22.64	22.73	22.82		
5	16QAM	1	0	23.06	23.14	22.91	23.8	1
5	16QAM	1	12	23.09	23.12	23.19		
5	16QAM	1	24	22.77	22.81	22.92		
5	16QAM	12	0	21.82	21.84	21.75	22.8	2
5	16QAM	12	7	21.70	21.76	21.69		
5	16QAM	12	13	21.81	21.76	21.87		
5	16QAM	25	0	21.65	21.75	21.68		
5	64QAM	1	0	21.79	22.06	21.82	22.8	2
5	64QAM	1	12	21.93	21.89	22.05		
5	64QAM	1	24	21.73	21.88	21.78		
5	64QAM	12	0	20.82	20.90	20.77	21.8	3
5	64QAM	12	7	20.73	20.79	20.75		
5	64QAM	12	13	20.71	20.71	20.75		
5	64QAM	25	0	20.69	20.67	20.73		
5	256QAM	1	0	18.63	18.77	18.77	19.8	5
5	256QAM	1	12	18.59	18.61	18.62		
5	256QAM	1	24	18.53	18.79	18.55		
5	256QAM	12	0	18.48	18.64	18.54	19.8	5
5	256QAM	12	7	18.42	18.71	18.53		
5	256QAM	12	13	18.60	18.53	18.61		
5	256QAM	25	0	18.47	18.69	18.35		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	23.82	23.76	23.63	24.8	0
3	QPSK	1	8	23.73	23.77	23.72		
3	QPSK	1	14	23.67	23.66	23.58		
3	QPSK	8	0	22.77	22.81	22.70	23.8	1
3	QPSK	8	4	22.78	22.71	22.69		
3	QPSK	8	7	22.76	22.68	22.85		
3	QPSK	15	0	22.72	22.77	22.75		
3	16QAM	1	0	22.96	23.18	22.82	23.8	1
3	16QAM	1	8	23.16	23.12	23.20		
3	16QAM	1	14	22.83	22.91	22.82		
3	16QAM	8	0	21.81	21.94	21.74	22.8	2
3	16QAM	8	4	21.78	21.88	21.77		
3	16QAM	8	7	21.69	21.80	21.75		
3	16QAM	15	0	21.69	21.83	21.72		
3	64QAM	1	0	21.80	22.03	21.83	22.8	2
3	64QAM	1	8	21.89	21.97	22.01		
3	64QAM	1	14	21.74	21.89	21.79		
3	64QAM	8	0	20.75	20.94	20.70	21.8	3
3	64QAM	8	4	20.87	20.78	20.89		
3	64QAM	8	7	20.64	20.75	20.68		
3	64QAM	15	0	20.81	20.78	20.85		
3	256QAM	1	0	18.56	18.79	18.70	19.8	5
3	256QAM	1	8	18.74	18.76	18.77		
3	256QAM	1	14	18.59	18.71	18.61		
3	256QAM	8	0	18.49	18.62	18.55	19.8	5
3	256QAM	8	4	18.44	18.69	18.55		
3	256QAM	8	7	18.68	18.69	18.69		
3	256QAM	15	0	18.50	18.61	18.38		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	23.65	23.71	23.61	24.8	0
1.4	QPSK	1	3	23.63	23.66	23.64		
1.4	QPSK	1	5	23.56	23.54	23.54		
1.4	QPSK	3	0	23.55	23.58	23.57		
1.4	QPSK	3	1	23.46	23.65	23.56		
1.4	QPSK	3	3	23.60	23.68	23.42		
1.4	QPSK	6	0	22.80	22.73	22.87	23.8	1
1.4	16QAM	1	0	23.02	23.10	23.06	23.8	1
1.4	16QAM	1	3	23.19	23.20	23.12		
1.4	16QAM	1	5	22.79	22.84	22.98		
1.4	16QAM	3	0	23.05	23.10	22.98		
1.4	16QAM	3	1	23.05	23.15	22.99		
1.4	16QAM	3	3	23.12	23.10	23.11		
1.4	16QAM	6	0	21.79	21.85	21.82	22.8	2
1.4	64QAM	1	0	21.95	22.16	21.98	22.8	2
1.4	64QAM	1	3	21.99	21.93	22.11		
1.4	64QAM	1	5	21.86	21.73	21.91		
1.4	64QAM	3	0	21.78	22.16	21.88		
1.4	64QAM	3	1	21.89	22.04	21.88		
1.4	64QAM	3	3	21.82	22.14	21.85		
1.4	64QAM	6	0	20.82	20.70	20.86	21.8	3
1.4	256QAM	1	0	18.64	18.82	18.78	19.8	5
1.4	256QAM	1	3	18.65	18.66	18.68		
1.4	256QAM	1	5	18.55	18.83	18.57		
1.4	256QAM	3	0	18.57	18.71	18.63		
1.4	256QAM	3	1	18.52	18.69	18.63		
1.4	256QAM	3	3	18.60	18.64	18.61		
1.4	256QAM	6	0	18.56	18.65	18.44	19.8	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.10	15.17	15.10	16.3	0
20	QPSK	1	49	15.11	15.13	15.08		
20	QPSK	1	99	15.07	15.11	15.11		
20	QPSK	50	0	14.96	15.11	14.97	16.3	0
20	QPSK	50	24	15.05	15.04	15.07		
20	QPSK	50	50	14.88	14.97	14.85		
20	QPSK	100	0	14.83	15.01	14.86		
20	16QAM	1	0	14.99	15.00	14.92	16.3	0
20	16QAM	1	49	14.87	14.96	14.87		
20	16QAM	1	99	15.11	15.12	15.03		
20	16QAM	50	0	14.84	14.98	14.83	16.3	0
20	16QAM	50	24	14.91	14.98	14.97		
20	16QAM	50	50	15.04	15.15	15.04		
20	16QAM	100	0	15.03	15.11	15.01		
20	64QAM	1	0	15.12	15.13	15.04	16.3	0
20	64QAM	1	49	14.88	14.99	14.90		
20	64QAM	1	99	15.09	15.14	15.09		
20	64QAM	50	0	14.95	14.97	14.84	16.3	0
20	64QAM	50	24	14.91	14.96	14.84		
20	64QAM	50	50	15.13	15.14	15.11		
20	64QAM	100	0	15.06	15.16	15.06		
20	256QAM	1	0	15.04	15.11	15.09	16.3	0
20	256QAM	1	49	14.85	14.92	14.83		
20	256QAM	1	99	15.04	15.16	15.03		
20	256QAM	50	0	14.92	14.95	14.85	16.3	0
20	256QAM	50	24	14.85	14.96	14.86		
20	256QAM	50	50	14.82	14.93	14.93		
20	256QAM	100	0	15.05	15.13	14.98		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	14.98	15.06	15.02	16.3	0
15	QPSK	1	37	15.09	15.08	15.03		
15	QPSK	1	74	15.05	15.03	14.98		
15	QPSK	36	0	14.86	15.08	14.91	16.3	0
15	QPSK	36	20	15.04	14.97	14.99		
15	QPSK	36	39	14.82	14.96	14.83		
15	QPSK	75	0	14.77	14.92	14.75		
15	16QAM	1	0	14.97	14.99	14.77	16.3	0
15	16QAM	1	37	14.72	14.93	14.74		
15	16QAM	1	74	15.06	15.12	14.95		
15	16QAM	36	0	14.78	14.86	14.70	16.3	0
15	16QAM	36	20	14.88	14.96	14.95		
15	16QAM	36	39	14.99	15.01	14.94		
15	16QAM	75	0	14.99	15.06	14.93		
15	64QAM	1	0	15.01	15.10	15.01	16.3	0
15	64QAM	1	37	14.76	14.94	14.84		
15	64QAM	1	74	14.96	15.04	15.08		
15	64QAM	36	0	14.82	14.89	14.71	16.3	0
15	64QAM	36	20	14.91	14.91	14.75		
15	64QAM	36	39	15.00	15.01	15.02		
15	64QAM	75	0	14.97	15.07	14.93		
15	256QAM	1	0	15.03	15.09	15.02	16.3	0
15	256QAM	1	37	14.85	14.88	14.71		
15	256QAM	1	74	14.89	15.07	14.99		
15	256QAM	36	0	14.83	14.82	14.84	16.3	0
15	256QAM	36	20	14.85	14.86	14.72		
15	256QAM	36	39	14.71	14.93	14.79		
15	256QAM	75	0	14.93	15.05	14.98		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	14.96	15.04	15.02	16.3	0
10	QPSK	1	25	15.01	15.07	14.95		
10	QPSK	1	49	14.94	15.10	15.03		
10	QPSK	25	0	14.94	15.01	14.88	16.3	0
10	QPSK	25	12	14.99	14.91	15.01		
10	QPSK	25	25	14.85	14.88	14.75		
10	QPSK	50	0	14.82	14.87	14.80		
10	16QAM	1	0	14.99	15.00	14.87	16.3	0
10	16QAM	1	25	14.86	14.83	14.75		
10	16QAM	1	49	15.06	15.05	14.97		
10	16QAM	25	0	14.69	14.88	14.80	16.3	0
10	16QAM	25	12	14.87	14.83	14.91		
10	16QAM	25	25	14.99	15.09	14.98		
10	16QAM	50	0	14.95	15.05	14.94		
10	64QAM	1	0	15.09	15.11	14.90	16.3	0
10	64QAM	1	25	14.75	14.87	14.90		
10	64QAM	1	49	15.01	15.04	15.06		
10	64QAM	25	0	14.91	14.95	14.69	16.3	0
10	64QAM	25	12	14.85	14.85	14.81		
10	64QAM	25	25	15.01	15.10	15.04		
10	64QAM	50	0	15.05	15.12	14.94		
10	256QAM	1	0	14.98	15.05	15.01	16.3	0
10	256QAM	1	25	14.78	14.81	14.80		
10	256QAM	1	49	14.96	15.08	14.91		
10	256QAM	25	0	14.86	14.91	14.84	16.3	0
10	256QAM	25	12	14.82	14.85	14.79		
10	256QAM	25	25	14.76	14.93	14.79		
10	256QAM	50	0	15.01	15.02	14.96		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	14.95	15.14	14.98	16.3	0
5	QPSK	1	12	15.03	15.10	15.02		
5	QPSK	1	24	15.02	15.07	15.04		
5	QPSK	12	0	14.84	15.10	14.93	16.3	0
5	QPSK	12	7	14.92	15.01	14.99		
5	QPSK	12	13	14.77	14.97	14.72		
5	QPSK	25	0	14.77	14.86	14.84		
5	16QAM	1	0	14.99	14.89	14.90	16.3	0
5	16QAM	1	12	14.72	14.92	14.80		
5	16QAM	1	24	15.00	15.01	14.96		
5	16QAM	12	0	14.82	14.89	14.81	16.3	0
5	16QAM	12	7	14.83	14.84	14.85		
5	16QAM	12	13	15.00	15.08	14.91		
5	16QAM	25	0	14.88	15.03	14.92		
5	64QAM	1	0	15.04	15.01	14.90	16.3	0
5	64QAM	1	12	14.88	14.95	14.88		
5	64QAM	1	24	15.07	15.02	15.05		
5	64QAM	12	0	14.95	14.90	14.71	16.3	0
5	64QAM	12	7	14.77	14.81	14.69		
5	64QAM	12	13	14.99	15.13	15.10		
5	64QAM	25	0	15.01	15.14	14.93		
5	256QAM	1	0	14.97	14.98	15.02	16.3	0
5	256QAM	1	12	14.81	14.79	14.78		
5	256QAM	1	24	14.95	15.13	15.00		
5	256QAM	12	0	14.91	14.92	14.84	16.3	0
5	256QAM	12	7	14.81	14.89	14.77		
5	256QAM	12	13	14.80	14.86	14.82		
5	256QAM	25	0	14.99	15.01	14.86		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	15.05	15.02	14.96	16.3	0
3	QPSK	1	8	14.96	15.13	15.01		
3	QPSK	1	14	15.07	15.09	15.11		
3	QPSK	8	0	14.87	14.99	14.89	16.3	0
3	QPSK	8	4	14.92	14.90	15.02		
3	QPSK	8	7	14.80	14.93	14.70		
3	QPSK	15	0	14.80	14.98	14.74		
3	16QAM	1	0	14.87	14.93	14.92	16.3	0
3	16QAM	1	8	14.72	14.94	14.87		
3	16QAM	1	14	15.02	14.98	15.01		
3	16QAM	8	0	14.77	14.95	14.77	16.3	0
3	16QAM	8	4	14.82	14.97	14.95		
3	16QAM	8	7	15.01	15.03	14.94		
3	16QAM	15	0	14.90	14.99	14.94		
3	64QAM	1	0	15.09	15.04	14.93	16.3	0
3	64QAM	1	8	14.75	14.84	14.79		
3	64QAM	1	14	15.07	15.14	15.04		
3	64QAM	8	0	14.81	14.82	14.83	16.3	0
3	64QAM	8	4	14.81	14.90	14.75		
3	64QAM	8	7	15.07	15.06	15.00		
3	64QAM	15	0	15.06	15.07	15.04		
3	256QAM	1	0	14.91	15.03	15.06	16.3	0
3	256QAM	1	8	14.76	14.81	14.75		
3	256QAM	1	14	14.91	15.15	15.01		
3	256QAM	8	0	14.81	14.86	14.72	16.3	0
3	256QAM	8	4	14.82	14.94	14.86		
3	256QAM	8	7	14.80	14.80	14.82		
3	256QAM	15	0	14.92	14.99	14.84		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	15.06	15.11	15.08	16.3	0
1.4	QPSK	1	3	15.04	14.99	15.02		
1.4	QPSK	1	5	15.03	14.97	14.96		
1.4	QPSK	3	0	14.82	15.01	14.91		
1.4	QPSK	3	1	14.92	15.03	15.06		
1.4	QPSK	3	3	14.74	14.93	14.78		
1.4	QPSK	6	0	14.74	14.98	14.85	16.3	0
1.4	16QAM	1	0	14.90	15.00	14.81	16.3	0
1.4	16QAM	1	3	14.75	14.96	14.84		
1.4	16QAM	1	5	15.10	15.09	14.90		
1.4	16QAM	3	0	14.71	14.91	14.75		
1.4	16QAM	3	1	14.84	14.93	14.92		
1.4	16QAM	3	3	14.96	15.10	14.90		
1.4	16QAM	6	0	14.88	15.09	14.96	16.3	0
1.4	64QAM	1	0	15.04	15.13	14.92	16.3	0
1.4	64QAM	1	3	14.81	14.99	14.83		
1.4	64QAM	1	5	15.08	15.00	15.08		
1.4	64QAM	3	0	14.94	14.86	14.72		
1.4	64QAM	3	1	14.78	14.90	14.73		
1.4	64QAM	3	3	15.01	15.07	14.98		
1.4	64QAM	6	0	15.06	15.15	14.95	16.3	0
1.4	256QAM	1	0	14.91	15.11	14.95	16.3	0
1.4	256QAM	1	3	14.77	14.78	14.74		
1.4	256QAM	1	5	15.00	15.12	14.98		
1.4	256QAM	3	0	14.91	14.80	14.75		
1.4	256QAM	3	1	14.90	14.92	14.76		
1.4	256QAM	3	3	14.78	14.90	14.93		
1.4	256QAM	6	0	14.91	14.99	14.98	16.3	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.04	20.05	19.98	21.2	0
20	QPSK	1	49	19.95	20.00	19.90		
20	QPSK	1	99	19.84	19.90	19.76		
20	QPSK	50	0	19.91	19.98	19.85	21.2	0
20	QPSK	50	24	19.75	19.88	19.79		
20	QPSK	50	50	19.90	19.92	19.88		
20	QPSK	100	0	19.81	19.93	19.89		
20	16QAM	1	0	19.83	19.96	19.89	21.2	0
20	16QAM	1	49	19.76	19.91	19.86		
20	16QAM	1	99	19.85	19.92	19.87		
20	16QAM	50	0	19.74	19.90	19.78	21.2	0
20	16QAM	50	24	19.82	19.86	19.77		
20	16QAM	50	50	19.89	19.97	19.80		
20	16QAM	100	0	19.87	19.93	19.86		
20	64QAM	1	0	19.82	19.98	19.79	21.2	0
20	64QAM	1	49	19.75	19.90	19.80		
20	64QAM	1	99	19.80	19.88	19.84		
20	64QAM	50	0	18.90	19.00	19.00	20.7	0.5
20	64QAM	50	24	18.94	18.95	18.78		
20	64QAM	50	50	18.78	18.92	18.82		
20	64QAM	100	0	18.94	18.97	18.86		
20	256QAM	1	0	16.91	17.06	16.90	18.7	2.5
20	256QAM	1	49	16.81	17.00	16.90		
20	256QAM	1	99	16.97	17.02	16.89		
20	256QAM	50	0	17.00	17.00	17.00	18.7	2.5
20	256QAM	50	24	16.85	16.95	16.90		
20	256QAM	50	50	16.93	16.99	16.98		
20	256QAM	100	0	16.79	16.97	16.78		
Channel				18675	18900	19125	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	0	19.99	20.01	19.83	21.2	0
15	QPSK	1	37	19.94	19.85	19.82		
15	QPSK	1	74	19.75	19.88	19.61		
15	QPSK	36	0	19.77	19.87	19.84	21.2	0
15	QPSK	36	20	19.59	19.77	19.72		
15	QPSK	36	39	19.84	19.78	19.83		
15	QPSK	75	0	19.69	19.88	19.82		
15	16QAM	1	0	19.68	19.81	19.85	21.2	0
15	16QAM	1	37	19.65	19.83	19.75		
15	16QAM	1	74	19.74	19.77	19.78		
15	16QAM	36	0	19.84	20.01	19.90	21.2	0
15	16QAM	36	20	19.83	19.99	19.89		
15	16QAM	36	39	19.78	19.92	19.69		
15	16QAM	75	0	19.81	19.90	19.80		
15	64QAM	1	0	19.64	19.81	19.61	21.2	0
15	64QAM	1	37	19.70	19.79	19.75		
15	64QAM	1	74	19.72	19.87	19.76		
15	64QAM	36	0	18.82	18.87	18.92	20.7	0.5
15	64QAM	36	20	18.92	18.84	18.76		
15	64QAM	36	39	18.59	18.77	18.63		
15	64QAM	75	0	18.90	18.80	18.82		
15	256QAM	1	0	16.75	17.00	16.74	18.7	2.5
15	256QAM	1	37	16.77	16.95	16.86		
15	256QAM	1	74	16.96	16.84	16.88		
15	256QAM	36	0	16.99	16.98	16.99	18.7	2.5
15	256QAM	36	20	16.78	16.80	16.83		
15	256QAM	36	39	16.86	16.80	16.91		
15	256QAM	75	0	16.62	16.89	16.61		
Channel				18650	18900	19150	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	0	19.98	19.94	19.93	21.2	0
10	QPSK	1	25	19.84	19.96	19.85		
10	QPSK	1	49	19.71	19.74	19.63		
10	QPSK	25	0	19.80	19.97	19.75	21.2	0
10	QPSK	25	12	19.71	19.85	19.73		
10	QPSK	25	25	19.76	19.88	19.72		
10	QPSK	50	0	19.65	19.90	19.88		
10	16QAM	1	0	19.73	19.83	19.82	21.2	0
10	16QAM	1	25	19.61	19.88	19.72		
10	16QAM	1	49	19.71	19.80	19.77		
10	16QAM	25	0	19.77	19.89	19.83	21.2	0
10	16QAM	25	12	19.71	19.87	19.77		
10	16QAM	25	25	19.78	19.78	19.69		
10	16QAM	50	0	19.87	19.90	19.86		
10	64QAM	1	0	19.68	19.96	19.65	21.2	0
10	64QAM	1	25	19.68	19.86	19.73		
10	64QAM	1	49	19.68	19.71	19.72		
10	64QAM	25	0	18.75	18.82	18.85	20.7	0.5
10	64QAM	25	12	18.88	18.79	18.72		
10	64QAM	25	25	18.69	18.77	18.73		
10	64QAM	50	0	18.81	18.89	18.73		
10	256QAM	1	0	16.75	16.96	16.74	18.7	2.5
10	256QAM	1	25	16.73	16.86	16.82		
10	256QAM	1	49	16.97	16.93	16.89		
10	256QAM	25	0	16.84	16.96	16.84	18.7	2.5
10	256QAM	25	12	16.81	16.80	16.86		
10	256QAM	25	25	16.90	16.97	16.95		
10	256QAM	50	0	16.61	16.88	16.60		
Channel				18625	18900	19175	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	0	19.91	19.99	19.86	21.2	0
5	QPSK	1	12	19.90	19.84	19.76		
5	QPSK	1	24	19.75	19.89	19.60		
5	QPSK	12	0	19.87	19.88	19.70	21.2	0
5	QPSK	12	7	19.71	19.81	19.78		
5	QPSK	12	13	19.77	19.91	19.81		
5	QPSK	25	0	19.70	19.86	19.76		
5	16QAM	1	0	19.73	19.88	19.87	21.2	0
5	16QAM	1	12	19.73	19.83	19.77		
5	16QAM	1	24	19.73	19.87	19.81		
5	16QAM	12	0	19.86	19.89	19.92	21.2	0
5	16QAM	12	7	19.69	19.95	19.75		
5	16QAM	12	13	19.84	19.81	19.75		
5	16QAM	25	0	19.71	19.77	19.70		
5	64QAM	1	0	19.77	19.87	19.74	21.2	0
5	64QAM	1	12	19.70	19.76	19.75		
5	64QAM	1	24	19.64	19.85	19.68		
5	64QAM	12	0	18.76	18.85	18.86	20.7	0.5
5	64QAM	12	7	18.94	18.76	18.78		
5	64QAM	12	13	18.68	18.75	18.72		
5	64QAM	25	0	18.80	18.94	18.72		
5	256QAM	1	0	16.91	16.95	16.90	18.7	2.5
5	256QAM	1	12	16.65	16.82	16.74		
5	256QAM	1	24	16.93	16.90	16.85		
5	256QAM	12	0	16.96	16.86	16.96	18.7	2.5
5	256QAM	12	7	16.67	16.78	16.72		
5	256QAM	12	13	16.80	16.96	16.85		
5	256QAM	25	0	16.71	16.79	16.70		
Channel				18615	18900	19185	Tune-up limit	MPR
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	(dB)
3	QPSK	1	0	19.90	19.90	19.89	21.2	0
3	QPSK	1	8	19.88	19.98	19.87		
3	QPSK	1	14	19.81	19.74	19.65		
3	QPSK	8	0	19.79	19.88	19.78	21.2	0
3	QPSK	8	4	19.62	19.82	19.74		
3	QPSK	8	7	19.87	19.88	19.86		
3	QPSK	15	0	19.69	19.81	19.77		
3	16QAM	1	0	19.73	19.95	19.75	21.2	0
3	16QAM	1	8	19.75	19.85	19.70		
3	16QAM	1	14	19.74	19.86	19.80		
3	16QAM	8	0	19.72	19.96	19.78	21.2	0
3	16QAM	8	4	19.70	19.93	19.76		
3	16QAM	8	7	19.86	19.83	19.77		
3	16QAM	15	0	19.86	19.90	19.85		
3	64QAM	1	0	19.71	19.96	19.68	21.2	0
3	64QAM	1	8	19.69	19.87	19.74		
3	64QAM	1	14	19.69	19.75	19.73		
3	64QAM	8	0	18.85	18.93	18.95	20.7	0.5
3	64QAM	8	4	18.91	18.91	18.75		
3	64QAM	8	7	18.76	18.73	18.80		
3	64QAM	15	0	18.77	18.93	18.69		
3	256QAM	1	0	16.90	16.92	16.89	18.7	2.5
3	256QAM	1	8	16.72	16.99	16.81		
3	256QAM	1	14	16.96	16.98	16.88		
3	256QAM	8	0	16.91	16.87	16.91	18.7	2.5
3	256QAM	8	4	16.84	16.80	16.89		
3	256QAM	8	7	16.93	16.86	16.98		
3	256QAM	15	0	16.69	16.93	16.68		
Channel				18607	18900	19193	Tune-up limit	MPR
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	(dB)
1.4	QPSK	1	0	19.89	20.03	19.97	21.2	0
1.4	QPSK	1	3	19.90	19.89	19.84		
1.4	QPSK	1	5	19.78	19.87	19.71		
1.4	QPSK	3	0	19.89	19.89	19.95		
1.4	QPSK	3	1	19.84	19.94	19.80		
1.4	QPSK	3	3	19.81	19.74	19.75		
1.4	QPSK	6	0	19.75	19.85	19.69	21.2	0
1.4	16QAM	1	0	19.63	19.74	19.70	21.2	0
1.4	16QAM	1	3	19.74	19.91	19.76		
1.4	16QAM	1	5	19.78	19.79	19.81		
1.4	16QAM	3	0	19.73	19.80	19.81		
1.4	16QAM	3	1	19.61	19.76	19.75		
1.4	16QAM	3	3	19.74	19.87	19.86		
1.4	16QAM	6	0	19.70	19.74	19.69	21.2	0
1.4	64QAM	1	0	19.73	19.87	19.70	21.2	0
1.4	64QAM	1	3	19.71	19.84	19.76		
1.4	64QAM	1	5	19.69	19.73	19.73		
1.4	64QAM	3	0	19.78	19.99	19.88		
1.4	64QAM	3	1	19.79	19.83	19.63		
1.4	64QAM	3	3	19.76	19.81	19.80		
1.4	64QAM	6	0	18.83	18.95	18.75	20.7	0.5
1.4	256QAM	1	0	16.77	16.97	16.76	18.7	2.5
1.4	256QAM	1	3	16.70	16.94	16.79		
1.4	256QAM	1	5	16.83	17.00	16.75		
1.4	256QAM	3	0	16.99	16.92	16.99		
1.4	256QAM	3	1	16.78	16.82	16.83		
1.4	256QAM	3	3	16.91	16.98	16.96		
1.4	256QAM	6	0	16.65	16.86	16.64	18.7	2.5

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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	17.86	17.91	17.89	18.9	0
20	QPSK	1	49	17.73	17.81	17.74		
20	QPSK	1	99	17.78	17.83	17.77		
20	QPSK	50	0	17.83	17.85	17.8	18.9	0
20	QPSK	50	24	17.7	17.77	17.76		
20	QPSK	50	50	17.79	17.81	17.75		
20	QPSK	100	0	17.82	17.82	17.77		
20	16QAM	1	0	17.86	17.75	17.85	18.9	0
20	16QAM	1	49	17.89	17.79	17.76		
20	16QAM	1	99	17.86	17.78	17.78		
20	16QAM	50	0	17.77	17.8	17.71	18.9	0
20	16QAM	50	24	17.88	17.7	17.73		
20	16QAM	50	50	17.78	17.79	17.79		
20	16QAM	100	0	17.77	17.74	17.85		
20	64QAM	1	0	17.82	17.76	17.71	18.9	0
20	64QAM	1	49	17.85	17.78	17.85		
20	64QAM	1	99	17.83	17.72	17.85		
20	64QAM	50	0	17.86	17.78	17.84	18.9	0
20	64QAM	50	24	17.88	17.73	17.77		
20	64QAM	50	50	17.75	17.76	17.71		
20	64QAM	100	0	17.79	17.78	17.72		
20	256QAM	1	0	17.48	17.65	17.63	18.4	0.5
20	256QAM	1	49	17.69	17.69	17.64		
20	256QAM	1	99	17.65	17.70	17.54		
20	256QAM	50	0	17.62	17.66	17.49	18.4	0.5
20	256QAM	50	24	17.51	17.58	17.50		
20	256QAM	50	50	17.45	17.60	17.48		
20	256QAM	100	0	17.46	17.63	17.47		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.79	17.76	17.83	18.9	0
15	QPSK	1	37	17.48	17.8	17.74		
15	QPSK	1	74	17.74	17.74	17.71		
15	QPSK	36	0	17.76	17.76	17.72	18.9	0
15	QPSK	36	20	17.55	17.77	17.76		
15	QPSK	36	39	17.76	17.7	17.75		
15	QPSK	75	0	17.72	17.81	17.75		
15	16QAM	1	0	17.75	17.76	17.82	18.9	0
15	16QAM	1	37	17.87	17.75	17.72		
15	16QAM	1	74	17.86	17.77	17.79		
15	16QAM	36	0	17.72	17.77	17.78	18.9	0
15	16QAM	36	20	17.85	17.57	17.76		
15	16QAM	36	39	17.75	17.59	17.71		
15	16QAM	75	0	17.75	17.71	17.83		
15	64QAM	1	0	17.75	17.76	17.7	18.9	0
15	64QAM	1	37	17.72	17.73	17.7		
15	64QAM	1	74	17.81	17.57	17.74		
15	64QAM	36	0	17.85	17.75	17.79	18.9	0
15	64QAM	36	20	17.86	17.58	17.73		
15	64QAM	36	39	17.7	17.7	17.56		
15	64QAM	75	0	17.75	17.77	17.78		
15	256QAM	1	0	17.48	17.51	17.63	18.4	0.5
15	256QAM	1	37	17.64	17.67	17.59		
15	256QAM	1	74	17.57	17.60	17.46		
15	256QAM	36	0	17.44	17.61	17.31	18.4	0.5
15	256QAM	36	20	17.34	17.58	17.33		
15	256QAM	36	39	17.33	17.42	17.36		
15	256QAM	75	0	17.29	17.60	17.30		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.78	17.78	17.86	18.9	0
10	QPSK	1	25	17.54	17.77	17.76		
10	QPSK	1	49	17.73	17.71	17.74		
10	QPSK	25	0	17.81	17.77	17.71	18.9	0
10	QPSK	25	12	17.78	17.72	17.73		
10	QPSK	25	25	17.72	17.74	17.78		
10	QPSK	50	0	17.82	17.73	17.72		
10	16QAM	1	0	17.72	17.74	17.84	18.9	0
10	16QAM	1	25	17.82	17.79	17.77		
10	16QAM	1	49	17.74	17.55	17.75		
10	16QAM	25	0	17.74	17.79	17.7	18.9	0
10	16QAM	25	12	17.73	17.56	17.59		
10	16QAM	25	25	17.74	17.77	17.79		
10	16QAM	50	0	17.71	17.78	17.73		
10	64QAM	1	0	17.82	17.75	17.71	18.9	0
10	64QAM	1	25	17.73	17.73	17.8		
10	64QAM	1	49	17.7	17.7	17.84		
10	64QAM	25	0	17.84	17.73	17.81	18.9	0
10	64QAM	25	12	17.81	17.72	17.72		
10	64QAM	25	25	17.73	17.79	17.72		
10	64QAM	50	0	17.77	17.79	17.57		
10	256QAM	1	0	17.44	17.65	17.59	18.4	0.5
10	256QAM	1	25	17.53	17.58	17.48		
10	256QAM	1	49	17.57	17.59	17.46		
10	256QAM	25	0	17.61	17.62	17.48	18.4	0.5
10	256QAM	25	12	17.45	17.45	17.44		
10	256QAM	25	25	17.29	17.48	17.32		
10	256QAM	50	0	17.38	17.51	17.39		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.79	17.81	17.75	18.9	0
5	QPSK	1	12	17.7	17.74	17.72		
5	QPSK	1	24	17.72	17.72	17.76		
5	QPSK	12	0	17.78	17.75	17.78	18.9	0
5	QPSK	12	7	17.57	17.79	17.71		
5	QPSK	12	13	17.7	17.8	17.72		
5	QPSK	25	0	17.82	17.72	17.77		
5	16QAM	1	0	17.73	17.7	17.73	18.9	0
5	16QAM	1	12	17.85	17.76	17.77		
5	16QAM	1	24	17.78	17.77	17.77		
5	16QAM	12	0	17.74	17.72	17.57	18.9	0
5	16QAM	12	7	17.83	17.76	17.58		
5	16QAM	12	13	17.7	17.79	17.72		
5	16QAM	25	0	17.76	17.59	17.82		
5	64QAM	1	0	17.78	17.77	17.71	18.9	0
5	64QAM	1	12	17.84	17.76	17.78		
5	64QAM	1	24	17.82	17.7	17.75		
5	64QAM	12	0	17.72	17.73	17.79	18.9	0
5	64QAM	12	7	17.76	17.73	17.75		
5	64QAM	12	13	17.78	17.72	17.74		
5	64QAM	25	0	17.7	17.78	17.76		
5	256QAM	1	0	17.29	17.50	17.44	18.4	0.5
5	256QAM	1	12	17.54	17.54	17.49		
5	256QAM	1	24	17.52	17.62	17.41		
5	256QAM	12	0	17.44	17.50	17.31	18.4	0.5
5	256QAM	12	7	17.44	17.57	17.43		
5	256QAM	12	13	17.38	17.60	17.41		
5	256QAM	25	0	17.46	17.54	17.47		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.76	17.90	17.80	18.9	0
3	QPSK	1	8	17.49	17.73	17.73		
3	QPSK	1	14	17.76	17.76	17.71		
3	QPSK	8	0	17.72	17.72	17.79	18.9	0
3	QPSK	8	4	17.74	17.70	17.76		
3	QPSK	8	7	17.76	17.75	17.71		
3	QPSK	15	0	17.78	17.82	17.76		
3	16QAM	1	0	17.71	17.78	17.70	18.9	0
3	16QAM	1	8	17.75	17.79	17.70		
3	16QAM	1	14	17.84	17.55	17.74		
3	16QAM	8	0	17.72	17.80	17.77	18.9	0
3	16QAM	8	4	17.75	17.70	17.73		
3	16QAM	8	7	17.71	17.55	17.78		
3	16QAM	15	0	17.73	17.70	17.71		
3	64QAM	1	0	17.74	17.75	17.78	18.9	0
3	64QAM	1	8	17.85	17.78	17.85		
3	64QAM	1	14	17.72	17.75	17.76		
3	64QAM	8	0	17.78	17.74	17.74	18.9	0
3	64QAM	8	4	17.82	17.58	17.75		
3	64QAM	8	7	17.79	17.70	17.79		
3	64QAM	15	0	17.77	17.77	17.58		
3	256QAM	1	0	17.35	17.48	17.50	18.4	0.5
3	256QAM	1	8	17.55	17.61	17.50		
3	256QAM	1	14	17.47	17.58	17.36		
3	256QAM	8	0	17.59	17.48	17.46	18.4	0.5
3	256QAM	8	4	17.48	17.43	17.47		
3	256QAM	8	7	17.31	17.48	17.34		
3	256QAM	15	0	17.35	17.59	17.36		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.73	17.81	17.83	18.9	0
1.4	QPSK	1	3	17.70	17.71	17.73		
1.4	QPSK	1	5	17.73	17.75	17.74		
1.4	QPSK	3	0	17.79	17.74	17.79		
1.4	QPSK	3	1	17.57	17.77	17.74		
1.4	QPSK	3	3	17.74	17.81	17.73		
1.4	QPSK	6	0	17.72	17.72	17.75	18.9	0
1.4	16QAM	1	0	17.85	17.75	17.76	18.9	0
1.4	16QAM	1	3	17.74	17.75	17.75		
1.4	16QAM	1	5	17.86	17.56	17.74		
1.4	16QAM	3	0	17.72	17.77	17.70		
1.4	16QAM	3	1	17.86	17.55	17.77		
1.4	16QAM	3	3	17.77	17.57	17.70		
1.4	16QAM	6	0	17.77	17.78	17.83	18.9	0
1.4	64QAM	1	0	17.76	17.79	17.73	18.9	0
1.4	64QAM	1	3	17.83	17.78	17.76		
1.4	64QAM	1	5	17.72	17.74	17.81		
1.4	64QAM	3	0	17.82	17.71	17.83		
1.4	64QAM	3	1	17.82	17.70	17.77		
1.4	64QAM	3	3	17.72	17.74	17.72		
1.4	64QAM	6	0	17.76	17.78	17.71	18.9	0
1.4	256QAM	1	0	17.40	17.51	17.55	18.4	0.5
1.4	256QAM	1	3	17.57	17.64	17.52		
1.4	256QAM	1	5	17.53	17.61	17.42		
1.4	256QAM	3	0	17.55	17.47	17.42		
1.4	256QAM	3	1	17.39	17.57	17.38		
1.4	256QAM	3	3	17.42	17.49	17.45		
1.4	256QAM	6	0	17.38	17.52	17.39	18.4	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.81	23.87	23.80	24.8	0
20	QPSK	1	49	23.72	23.77	23.75		
20	QPSK	1	99	23.75	23.80	23.72		
20	QPSK	50	0	22.90	22.97	22.91	23.8	1
20	QPSK	50	24	22.89	22.92	22.89		
20	QPSK	50	50	22.86	22.90	22.84		
20	QPSK	100	0	22.85	22.95	22.93		
20	16QAM	1	0	23.08	23.24	23.26	23.8	1
20	16QAM	1	49	23.33	23.25	23.30		
20	16QAM	1	99	23.01	23.21	23.16		
20	16QAM	50	0	21.82	21.85	21.93	22.8	2
20	16QAM	50	24	21.90	21.96	22.01		
20	16QAM	50	50	21.88	21.90	21.96		
20	16QAM	100	0	21.87	21.91	21.98		
20	64QAM	1	0	22.07	22.03	22.11	22.8	2
20	64QAM	1	49	22.09	22.15	22.21		
20	64QAM	1	99	22.00	22.11	22.07		
20	64QAM	50	0	20.81	20.87	20.91	21.8	3
20	64QAM	50	24	20.92	20.92	21.01		
20	64QAM	50	50	20.86	20.90	20.97		
20	64QAM	100	0	20.88	20.93	20.98		
20	256QAM	1	0	18.64	18.78	18.65	19.8	5
20	256QAM	1	49	18.85	18.85	18.67		
20	256QAM	1	99	18.72	18.80	18.63		
20	256QAM	50	0	18.65	18.77	18.64	19.8	5
20	256QAM	50	24	18.56	18.70	18.63		
20	256QAM	50	50	18.74	18.75	18.73		
20	256QAM	100	0	18.55	18.68	18.58		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.71	23.68	23.65	24.8	0
15	QPSK	1	37	23.58	23.61	23.69		
15	QPSK	1	74	23.57	23.73	23.54		
15	QPSK	36	0	22.62	22.68	22.77	23.8	1
15	QPSK	36	20	22.88	22.88	22.86		
15	QPSK	36	39	22.82	22.89	22.82		
15	QPSK	75	0	22.79	22.87	22.90		
15	16QAM	1	0	22.93	23.05	23.08	23.8	1
15	16QAM	1	37	23.26	23.18	23.19		
15	16QAM	1	74	22.82	23.08	23.13		
15	16QAM	36	0	21.82	21.73	21.93	22.8	2
15	16QAM	36	20	21.78	21.83	21.89		
15	16QAM	36	39	21.80	21.71	21.88		
15	16QAM	75	0	21.86	21.82	21.97		
15	64QAM	1	0	21.88	21.85	21.92	22.8	2
15	64QAM	1	37	21.96	22.09	22.08		
15	64QAM	1	74	21.81	22.00	21.88		
15	64QAM	36	0	20.62	20.68	20.72	21.8	3
15	64QAM	36	20	20.83	20.89	20.92		
15	64QAM	36	39	20.83	20.85	20.94		
15	64QAM	75	0	20.76	20.88	20.86		
15	256QAM	1	0	18.52	18.76	18.53	19.8	5
15	256QAM	1	37	18.74	18.85	18.56		
15	256QAM	1	74	18.65	18.78	18.56		
15	256QAM	36	0	18.61	18.60	18.60	19.8	5
15	256QAM	36	20	18.44	18.66	18.51		
15	256QAM	36	39	18.59	18.59	18.58		
15	256QAM	75	0	18.54	18.62	18.57		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.73	23.83	23.75	24.8	0
10	QPSK	1	25	23.59	23.65	23.60		
10	QPSK	1	49	23.75	23.65	23.61		
10	QPSK	25	0	22.80	22.79	22.86	23.8	1
10	QPSK	25	12	22.88	22.92	22.82		
10	QPSK	25	25	22.83	22.87	22.94		
10	QPSK	50	0	22.70	22.89	22.90		
10	16QAM	1	0	23.05	23.21	23.13	23.8	1
10	16QAM	1	25	23.15	23.08	23.28		
10	16QAM	1	49	22.91	23.20	23.14		
10	16QAM	25	0	21.73	21.75	21.84	22.8	2
10	16QAM	25	12	21.86	21.86	21.97		
10	16QAM	25	25	21.86	21.75	21.94		
10	16QAM	50	0	21.77	21.86	21.88		
10	64QAM	1	0	21.95	21.98	21.99	22.8	2
10	64QAM	1	25	22.01	22.01	22.13		
10	64QAM	1	49	21.96	22.05	22.03		
10	64QAM	25	0	20.65	20.81	20.75	21.8	3
10	64QAM	25	12	20.86	20.86	20.95		
10	64QAM	25	25	20.82	20.76	20.93		
10	64QAM	50	0	20.81	20.82	20.91		
10	256QAM	1	0	18.55	18.74	18.56	19.8	5
10	256QAM	1	25	18.69	18.66	18.51		
10	256QAM	1	49	18.59	18.71	18.50		
10	256QAM	25	0	18.58	18.67	18.57	19.8	5
10	256QAM	25	12	18.44	18.69	18.51		
10	256QAM	25	25	18.60	18.57	18.59		
10	256QAM	50	0	18.43	18.58	18.46		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.65	23.83	23.75	24.8	0
5	QPSK	1	12	23.65	23.63	23.62		
5	QPSK	1	24	23.64	23.75	23.66		
5	QPSK	12	0	22.72	22.76	22.73	23.8	1
5	QPSK	12	7	22.74	22.75	22.97		
5	QPSK	12	13	22.68	22.86	22.93		
5	QPSK	25	0	22.67	22.80	22.92		
5	16QAM	1	0	22.95	23.13	23.17	23.8	1
5	16QAM	1	12	23.19	23.22	23.27		
5	16QAM	1	24	22.88	23.20	23.13		
5	16QAM	12	0	21.79	21.82	21.90	22.8	2
5	16QAM	12	7	21.80	21.82	21.91		
5	16QAM	12	13	21.71	21.86	21.79		
5	16QAM	25	0	21.82	21.91	21.93		
5	64QAM	1	0	21.92	21.86	21.96	22.8	2
5	64QAM	1	12	21.90	21.96	22.02		
5	64QAM	1	24	22.00	21.94	22.07		
5	64QAM	12	0	20.75	20.83	20.85	21.8	3
5	64QAM	12	7	20.78	20.81	20.87		
5	64QAM	12	13	20.80	20.85	20.91		
5	64QAM	25	0	20.72	20.77	20.82		
5	256QAM	1	0	18.47	18.65	18.48	19.8	5
5	256QAM	1	12	18.81	18.83	18.63		
5	256QAM	1	24	18.72	18.80	18.63		
5	256QAM	12	0	18.50	18.59	18.49	19.8	5
5	256QAM	12	7	18.52	18.59	18.59		
5	256QAM	12	13	18.55	18.64	18.54		
5	256QAM	25	0	18.55	18.61	18.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.66	23.81	23.76	24.8	0
3	QPSK	1	8	23.62	23.77	23.56		
3	QPSK	1	14	23.61	23.71	23.64		
3	QPSK	8	0	22.80	22.74	22.79	23.8	1
3	QPSK	8	4	22.71	22.82	22.87		
3	QPSK	8	7	22.78	22.83	22.88		
3	QPSK	15	0	22.69	22.84	22.81		
3	16QAM	1	0	22.92	23.20	23.26	23.8	1
3	16QAM	1	8	23.27	23.16	23.13		
3	16QAM	1	14	22.82	23.09	23.15		
3	16QAM	8	0	21.71	21.85	21.82	22.8	2
3	16QAM	8	4	21.79	21.89	21.90		
3	16QAM	8	7	21.82	21.87	21.90		
3	16QAM	15	0	21.72	21.76	21.83		
3	64QAM	1	0	22.00	21.93	22.04	22.8	2
3	64QAM	1	8	21.99	22.06	22.11		
3	64QAM	1	14	21.96	22.04	22.03		
3	64QAM	8	0	20.69	20.83	20.79	21.8	3
3	64QAM	8	4	20.85	20.77	20.94		
3	64QAM	8	7	20.85	20.75	20.96		
3	64QAM	15	0	20.80	20.78	20.90		
3	256QAM	1	0	18.50	18.70	18.51	19.8	5
3	256QAM	1	8	18.83	18.76	18.65		
3	256QAM	1	14	18.62	18.63	18.53		
3	256QAM	8	0	18.63	18.62	18.62	19.8	5
3	256QAM	8	4	18.45	18.53	18.52		
3	256QAM	8	7	18.58	18.75	18.57		
3	256QAM	15	0	18.42	18.66	18.45		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.72	23.75	23.72	24.8	0
1.4	QPSK	1	3	23.62	23.65	23.64		
1.4	QPSK	1	5	23.60	23.70	23.62		
1.4	QPSK	3	0	23.55	23.67	23.65		
1.4	QPSK	3	1	23.53	23.73	23.61		
1.4	QPSK	3	3	23.57	23.56	23.58		
1.4	QPSK	6	0	22.81	22.76	22.84	23.8	1
1.4	16QAM	1	0	22.99	23.15	23.20	23.8	1
1.4	16QAM	1	3	23.26	23.17	23.23		
1.4	16QAM	1	5	22.86	23.02	23.12		
1.4	16QAM	3	0	23.26	23.09	23.06		
1.4	16QAM	3	1	23.21	23.05	23.15		
1.4	16QAM	3	3	23.20	23.01	23.19		
1.4	16QAM	6	0	21.74	21.84	21.85	22.8	2
1.4	64QAM	1	0	21.93	22.00	21.97	22.8	2
1.4	64QAM	1	3	22.08	22.03	22.20		
1.4	64QAM	1	5	21.86	21.99	21.93		
1.4	64QAM	3	0	21.82	21.97	21.90		
1.4	64QAM	3	1	21.89	21.90	21.91		
1.4	64QAM	3	3	21.75	21.86	21.80		
1.4	64QAM	6	0	20.79	20.83	20.89	21.8	3
1.4	256QAM	1	0	18.55	18.78	18.56	19.8	5
1.4	256QAM	1	3	18.83	18.71	18.65		
1.4	256QAM	1	5	18.56	18.70	18.47		
1.4	256QAM	3	0	18.53	18.63	18.52		
1.4	256QAM	3	1	18.50	18.57	18.57		
1.4	256QAM	3	3	18.69	18.59	18.68		
1.4	256QAM	6	0	18.55	18.56	18.58	19.8	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	15.85	15.98	15.78	16.8	0
20	QPSK	1	49	15.77	15.92	15.74		
20	QPSK	1	99	15.79	15.92	15.78		
20	QPSK	50	0	15.86	15.92	15.86	16.8	0
20	QPSK	50	24	15.79	15.84	15.85		
20	QPSK	50	50	15.74	15.83	15.75		
20	QPSK	100	0	15.80	15.88	15.85		
20	16QAM	1	0	15.78	15.81	15.75	16.8	0
20	16QAM	1	49	15.84	15.92	15.84		
20	16QAM	1	99	15.78	15.84	15.78		
20	16QAM	50	0	15.77	15.82	15.71	16.8	0
20	16QAM	50	24	15.78	15.92	15.79		
20	16QAM	50	50	15.78	15.96	15.77		
20	16QAM	100	0	15.84	15.87	15.75		
20	64QAM	1	0	15.82	15.95	15.73	16.8	0
20	64QAM	1	49	15.72	15.94	15.81		
20	64QAM	1	99	15.84	15.84	15.82		
20	64QAM	50	0	15.81	15.94	15.84	16.8	0
20	64QAM	50	24	15.79	15.86	15.79		
20	64QAM	50	50	15.74	15.84	15.72		
20	64QAM	100	0	15.84	15.95	15.71		
20	256QAM	1	0	15.76	15.84	15.78	16.8	0
20	256QAM	1	49	15.84	15.96	15.73		
20	256QAM	1	99	15.82	15.89	15.75		
20	256QAM	50	0	15.77	15.85	15.82	16.8	0
20	256QAM	50	24	15.72	15.84	15.83		
20	256QAM	50	50	15.78	15.96	15.72		
20	256QAM	100	0	15.77	15.89	15.75		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.72	15.85	15.65	16.8	0
15	QPSK	1	37	15.65	15.82	15.62		
15	QPSK	1	74	15.66	15.82	15.75		
15	QPSK	36	0	15.85	15.83	15.78	16.8	0
15	QPSK	36	20	15.76	15.71	15.73		
15	QPSK	36	39	15.67	15.70	15.67		
15	QPSK	75	0	15.72	15.81	15.72		
15	16QAM	1	0	15.68	15.77	15.62	16.8	0
15	16QAM	1	37	15.82	15.84	15.74		
15	16QAM	1	74	15.70	15.83	15.72		
15	16QAM	36	0	15.70	15.73	15.69	16.8	0
15	16QAM	36	20	15.68	15.92	15.65		
15	16QAM	36	39	15.77	15.81	15.63		
15	16QAM	75	0	15.70	15.81	15.73		
15	64QAM	1	0	15.78	15.84	15.64	16.8	0
15	64QAM	1	37	15.61	15.85	15.73		
15	64QAM	1	74	15.72	15.73	15.78		
15	64QAM	36	0	15.81	15.79	15.77	16.8	0
15	64QAM	36	20	15.77	15.74	15.78		
15	64QAM	36	39	15.73	15.69	15.70		
15	64QAM	75	0	15.82	15.90	15.61		
15	256QAM	1	0	15.76	15.75	15.70	16.8	0
15	256QAM	1	37	15.72	15.95	15.72		
15	256QAM	1	74	15.81	15.81	15.61		
15	256QAM	36	0	15.66	15.82	15.69	16.8	0
15	256QAM	36	20	15.60	15.71	15.79		
15	256QAM	36	39	15.72	15.84	15.71		
15	256QAM	75	0	15.71	15.85	15.61		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.79	15.97	15.67	16.8	0
10	QPSK	1	25	15.67	15.83	15.62		
10	QPSK	1	49	15.64	15.88	15.71		
10	QPSK	25	0	15.86	15.81	15.77	16.8	0
10	QPSK	25	12	15.65	15.71	15.73		
10	QPSK	25	25	15.69	15.69	15.73		
10	QPSK	50	0	15.67	15.83	15.82		
10	16QAM	1	0	15.76	15.79	15.66	16.8	0
10	16QAM	1	25	15.70	15.83	15.77		
10	16QAM	1	49	15.69	15.71	15.78		
10	16QAM	25	0	15.70	15.77	15.69	16.8	0
10	16QAM	25	12	15.64	15.89	15.73		
10	16QAM	25	25	15.69	15.84	15.73		
10	16QAM	50	0	15.80	15.86	15.66		
10	64QAM	1	0	15.69	15.94	15.66	16.8	0
10	64QAM	1	25	15.68	15.84	15.73		
10	64QAM	1	49	15.74	15.83	15.78		
10	64QAM	25	0	15.77	15.82	15.84	16.8	0
10	64QAM	25	12	15.72	15.81	15.66		
10	64QAM	25	25	15.59	15.83	15.72		
10	64QAM	50	0	15.83	15.86	15.69		
10	256QAM	1	0	15.61	15.81	15.77	16.8	0
10	256QAM	1	25	15.80	15.89	15.62		
10	256QAM	1	49	15.73	15.86	15.75		
10	256QAM	25	0	15.66	15.76	15.82	16.8	0
10	256QAM	25	12	15.71	15.72	15.82		
10	256QAM	25	25	15.76	15.96	15.62		
10	256QAM	50	0	15.75	15.86	15.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.77	15.96	15.77	16.8	0
5	QPSK	1	12	15.62	15.92	15.74		
5	QPSK	1	24	15.64	15.85	15.70		
5	QPSK	12	0	15.72	15.89	15.79	16.8	0
5	QPSK	12	7	15.76	15.71	15.85		
5	QPSK	12	13	15.65	15.80	15.67		
5	QPSK	25	0	15.65	15.80	15.77		
5	16QAM	1	0	15.64	15.75	15.62	16.8	0
5	16QAM	1	12	15.81	15.86	15.76		
5	16QAM	1	24	15.72	15.78	15.72		
5	16QAM	12	0	15.68	15.70	15.68	16.8	0
5	16QAM	12	7	15.75	15.82	15.67		
5	16QAM	12	13	15.64	15.86	15.72		
5	16QAM	25	0	15.82	15.84	15.68		
5	64QAM	1	0	15.73	15.92	15.63	16.8	0
5	64QAM	1	12	15.59	15.79	15.66		
5	64QAM	1	24	15.77	15.81	15.74		
5	64QAM	12	0	15.80	15.85	15.73	16.8	0
5	64QAM	12	7	15.73	15.79	15.69		
5	64QAM	12	13	15.73	15.78	15.60		
5	64QAM	25	0	15.81	15.87	15.58		
5	256QAM	1	0	15.61	15.69	15.66	16.8	0
5	256QAM	1	12	15.80	15.94	15.72		
5	256QAM	1	24	15.79	15.88	15.67		
5	256QAM	12	0	15.71	15.72	15.78	16.8	0
5	256QAM	12	7	15.71	15.72	15.71		
5	256QAM	12	13	15.72	15.86	15.57		
5	256QAM	25	0	15.76	15.81	15.64		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.72	15.86	15.76	16.8	0
3	QPSK	1	8	15.68	15.88	15.74		
3	QPSK	1	14	15.68	15.88	15.70		
3	QPSK	8	0	15.75	15.79	15.81	16.8	0
3	QPSK	8	4	15.75	15.71	15.82		
3	QPSK	8	7	15.60	15.74	15.67		
3	QPSK	15	0	15.71	15.86	15.76		
3	16QAM	1	0	15.70	15.71	15.66	16.8	0
3	16QAM	1	8	15.74	15.86	15.83		
3	16QAM	1	14	15.71	15.77	15.70		
3	16QAM	8	0	15.74	15.75	15.69	16.8	0
3	16QAM	8	4	15.75	15.82	15.68		
3	16QAM	8	7	15.71	15.90	15.62		
3	16QAM	15	0	15.82	15.77	15.60		
3	64QAM	1	0	15.75	15.94	15.69	16.8	0
3	64QAM	1	8	15.72	15.83	15.81		
3	64QAM	1	14	15.78	15.69	15.76		
3	64QAM	8	0	15.73	15.89	15.82	16.8	0
3	64QAM	8	4	15.66	15.86	15.64		
3	64QAM	8	7	15.64	15.81	15.64		
3	64QAM	15	0	15.75	15.89	15.71		
3	256QAM	1	0	15.64	15.76	15.64	16.8	0
3	256QAM	1	8	15.72	15.96	15.65		
3	256QAM	1	14	15.78	15.81	15.67		
3	256QAM	8	0	15.63	15.71	15.72	16.8	0
3	256QAM	8	4	15.64	15.77	15.73		
3	256QAM	8	7	15.74	15.96	15.59		
3	256QAM	15	0	15.75	15.86	15.68		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.72	15.83	15.77	16.8	0
1.4	QPSK	1	3	15.70	15.83	15.70		
1.4	QPSK	1	5	15.70	15.80	15.74		
1.4	QPSK	3	0	15.83	15.89	15.73		
1.4	QPSK	3	1	15.68	15.73	15.83		
1.4	QPSK	3	3	15.74	15.80	15.72		
1.4	QPSK	6	0	15.65	15.83	15.84	16.8	0
1.4	16QAM	1	0	15.64	15.75	15.67	16.8	0
1.4	16QAM	1	3	15.73	15.77	15.76		
1.4	16QAM	1	5	15.72	15.72	15.78		
1.4	16QAM	3	0	15.67	15.82	15.66		
1.4	16QAM	3	1	15.70	15.80	15.77		
1.4	16QAM	3	3	15.69	15.84	15.68		
1.4	16QAM	6	0	15.79	15.78	15.67	16.8	0
1.4	64QAM	1	0	15.67	15.82	15.64	16.8	0
1.4	64QAM	1	3	15.64	15.83	15.76		
1.4	64QAM	1	5	15.69	15.86	15.80		
1.4	64QAM	3	0	15.79	15.87	15.73		
1.4	64QAM	3	1	15.71	15.78	15.67		
1.4	64QAM	3	3	15.65	15.77	15.72		
1.4	64QAM	6	0	15.82	15.88	15.56	16.8	0
1.4	256QAM	1	0	15.68	15.77	15.69	16.8	0
1.4	256QAM	1	3	15.73	15.81	15.66		
1.4	256QAM	1	5	15.69	15.86	15.73		
1.4	256QAM	3	0	15.66	15.71	15.78		
1.4	256QAM	3	1	15.61	15.71	15.82		
1.4	256QAM	3	3	15.66	15.94	15.64		
1.4	256QAM	6	0	15.64	15.78	15.61	16.8	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	18.85	19.00	18.87	20.2	0
20	QPSK	1	49	18.84	18.89	18.78		
20	QPSK	1	99	18.87	18.97	18.96		
20	QPSK	50	0	18.91	18.95	18.82	20.2	0
20	QPSK	50	24	18.86	18.94	18.92		
20	QPSK	50	50	18.83	18.88	18.73		
20	QPSK	100	0	18.82	18.86	18.71		
20	16QAM	1	0	18.76	18.92	18.81	20.2	0
20	16QAM	1	49	18.95	18.97	18.81		
20	16QAM	1	99	18.83	18.84	18.76		
20	16QAM	50	0	18.75	18.91	18.79	19.4	0.8
20	16QAM	50	24	18.75	18.85	18.82		
20	16QAM	50	50	18.85	18.97	18.87		
20	16QAM	100	0	18.73	18.89	18.85		
20	64QAM	1	0	18.98	18.99	18.95	19.4	0.8
20	64QAM	1	49	18.70	18.85	18.81		
20	64QAM	1	99	18.85	18.90	18.87		
20	64QAM	50	0	18.93	18.95	18.91	19.9	0.3
20	64QAM	50	24	18.80	18.90	18.76		
20	64QAM	50	50	18.80	18.85	18.78		
20	64QAM	100	0	18.90	18.92	18.76		
20	256QAM	1	0	17.11	17.11	17.06	17.9	2.3
20	256QAM	1	49	17.05	17.12	17.05		
20	256QAM	1	99	17.12	17.16	17.10		
20	256QAM	50	0	16.74	16.90	16.83	17.9	2.3
20	256QAM	50	24	16.82	16.95	16.76		
20	256QAM	50	50	16.86	16.99	16.90		
20	256QAM	100	0	16.94	17.00	16.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.69	18.96	18.76	20.2	0
15	QPSK	1	37	18.71	18.86	18.68		
15	QPSK	1	74	18.83	18.84	18.81		
15	QPSK	36	0	18.86	18.84	18.71	20.2	0
15	QPSK	36	20	18.82	18.82	18.84		
15	QPSK	36	39	18.70	18.72	18.67		
15	QPSK	75	0	18.74	18.75	18.66		
15	16QAM	1	0	18.69	18.87	18.72	20.2	0
15	16QAM	1	37	18.92	18.95	18.66		
15	16QAM	1	74	18.74	18.72	18.62		
15	16QAM	36	0	18.70	18.82	18.77	19.4	0.8
15	16QAM	36	20	18.74	18.83	18.70		
15	16QAM	36	39	18.78	18.90	18.79		
15	16QAM	75	0	18.72	18.74	18.75		
15	64QAM	1	0	18.92	18.95	18.91	19.4	0.8
15	64QAM	1	37	18.69	18.72	18.73		
15	64QAM	1	74	18.69	18.81	18.72		
15	64QAM	36	0	18.80	18.82	18.78	19.9	0.3
15	64QAM	36	20	18.74	18.82	18.64		
15	64QAM	36	39	18.76	18.78	18.74		
15	64QAM	75	0	18.85	18.79	18.71		
15	256QAM	1	0	17.08	17.09	17.03	17.9	2.3
15	256QAM	1	37	17.05	17.09	17.05		
15	256QAM	1	74	17.03	17.14	17.01		
15	256QAM	36	0	16.69	16.79	16.78	17.9	2.3
15	256QAM	36	20	16.66	16.79	16.60		
15	256QAM	36	39	16.82	16.81	16.86		
15	256QAM	75	0	16.79	16.90	16.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.80	18.90	18.76	20.2	0
10	QPSK	1	25	18.82	18.79	18.75		
10	QPSK	1	49	18.78	18.83	18.92		
10	QPSK	25	0	18.81	18.89	18.75	20.2	0
10	QPSK	25	12	18.71	18.93	18.82		
10	QPSK	25	25	18.76	18.78	18.65		
10	QPSK	50	0	18.72	18.77	18.70		
10	16QAM	1	0	18.72	18.80	18.77	20.2	0
10	16QAM	1	25	18.86	18.89	18.70		
10	16QAM	1	49	18.67	18.74	18.62		
10	16QAM	25	0	18.67	18.78	18.76	19.4	0.8
10	16QAM	25	12	18.74	18.83	18.76		
10	16QAM	25	25	18.83	18.90	18.71		
10	16QAM	50	0	18.62	18.78	18.72		
10	64QAM	1	0	18.93	18.90	18.86	19.4	0.8
10	64QAM	1	25	18.67	18.73	18.68		
10	64QAM	1	49	18.72	18.77	18.71		
10	64QAM	25	0	18.82	18.77	18.80	19.9	0.3
10	64QAM	25	12	18.82	18.73	18.72		
10	64QAM	25	25	18.73	18.75	18.71		
10	64QAM	50	0	18.80	18.80	18.66		
10	256QAM	1	0	17.05	17.09	17.00	17.9	2.3
10	256QAM	1	25	16.87	17.08	16.87		
10	256QAM	1	49	17.04	17.14	17.02		
10	256QAM	25	0	16.57	16.71	16.66	17.9	2.3
10	256QAM	25	12	16.72	16.95	16.66		
10	256QAM	25	25	16.67	16.90	16.71		
10	256QAM	50	0	16.94	16.93	16.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.74	18.97	18.76	20.2	0
5	QPSK	1	12	18.83	18.88	18.62		
5	QPSK	1	24	18.80	18.87	18.91		
5	QPSK	12	0	18.85	18.86	18.72	20.2	0
5	QPSK	12	7	18.76	18.80	18.89		
5	QPSK	12	13	18.73	18.80	18.61		
5	QPSK	25	0	18.71	18.83	18.60		
5	16QAM	1	0	18.72	18.79	18.68	20.2	0
5	16QAM	1	12	18.85	18.93	18.66		
5	16QAM	1	24	18.78	18.68	18.74		
5	16QAM	12	0	18.61	18.81	18.67	19.4	0.8
5	16QAM	12	7	18.61	18.81	18.78		
5	16QAM	12	13	18.75	18.90	18.75		
5	16QAM	25	0	18.61	18.88	18.78		
5	64QAM	1	0	18.94	18.86	18.84	19.4	0.8
5	64QAM	1	12	18.64	18.76	18.72		
5	64QAM	1	24	18.71	18.83	18.84		
5	64QAM	12	0	18.86	18.90	18.84	19.9	0.3
5	64QAM	12	7	18.73	18.86	18.63		
5	64QAM	12	13	18.63	18.72	18.61		
5	64QAM	25	0	18.75	18.74	18.61		
5	256QAM	1	0	17.05	17.06	17.00	17.9	2.3
5	256QAM	1	12	16.99	17.00	16.99		
5	256QAM	1	24	17.03	17.08	17.01		
5	256QAM	12	0	16.60	16.86	16.69	17.9	2.3
5	256QAM	12	7	16.69	16.86	16.63		
5	256QAM	12	13	16.69	16.82	16.73		
5	256QAM	25	0	16.91	16.82	16.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.72	18.94	18.81	20.2	0
3	QPSK	1	8	18.70	18.74	18.64		
3	QPSK	1	14	18.77	18.86	18.85		
3	QPSK	8	0	18.83	18.85	18.69	20.2	0
3	QPSK	8	4	18.71	18.89	18.90		
3	QPSK	8	7	18.70	18.73	18.66		
3	QPSK	15	0	18.78	18.71	18.65		
3	16QAM	1	0	18.74	18.76	18.77	20.2	0
3	16QAM	1	8	18.81	18.85	18.68		
3	16QAM	1	14	18.77	18.71	18.68		
3	16QAM	8	0	18.66	18.89	18.74	19.4	0.8
3	16QAM	8	4	18.61	18.80	18.73		
3	16QAM	8	7	18.74	18.95	18.74		
3	16QAM	15	0	18.58	18.74	18.71		
3	64QAM	1	0	18.91	18.89	18.80	19.4	0.8
3	64QAM	1	8	18.56	18.72	18.77		
3	64QAM	1	14	18.77	18.79	18.85		
3	64QAM	8	0	18.81	18.83	18.79	19.9	0.3
3	64QAM	8	4	18.83	18.73	18.73		
3	64QAM	8	7	18.61	18.72	18.59		
3	64QAM	15	0	18.88	18.82	18.74		
3	256QAM	1	0	17.07	17.05	17.02	17.9	2.3
3	256QAM	1	8	17.01	17.02	17.01		
3	256QAM	1	14	17.12	17.00	17.10		
3	256QAM	8	0	16.60	16.79	16.69	17.9	2.3
3	256QAM	8	4	16.67	16.88	16.61		
3	256QAM	8	7	16.75	16.87	16.79		
3	256QAM	15	0	16.83	16.99	16.85		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.78	18.93	18.86	20.2	0
1.4	QPSK	1	3	18.70	18.83	18.66		
1.4	QPSK	1	5	18.84	18.81	18.92		
1.4	QPSK	3	0	18.80	18.91	18.84		
1.4	QPSK	3	1	18.73	18.75	18.64		
1.4	QPSK	3	3	18.76	18.87	18.90		
1.4	QPSK	6	0	18.76	18.90	18.69	20.2	0
1.4	16QAM	1	0	18.85	18.93	18.85	20.2	0
1.4	16QAM	1	3	18.82	18.75	18.58		
1.4	16QAM	1	5	18.73	18.81	18.56		
1.4	16QAM	3	0	18.65	18.78	18.72		
1.4	16QAM	3	1	18.92	18.93	18.78		
1.4	16QAM	3	3	18.68	18.70	18.69		
1.4	16QAM	6	0	18.68	18.85	18.73	19.4	0.8
1.4	64QAM	1	0	18.64	18.75	18.75	19.4	0.8
1.4	64QAM	1	3	18.81	18.91	18.75		
1.4	64QAM	1	5	18.63	18.74	18.74		
1.4	64QAM	3	0	18.91	18.85	18.80		
1.4	64QAM	3	1	18.68	18.75	18.80		
1.4	64QAM	3	3	18.69	18.76	18.84		
1.4	64QAM	6	0	18.83	18.85	18.69	19.9	0.3
1.4	256QAM	1	0	16.95	17.04	16.90	17.9	2.3
1.4	256QAM	1	3	16.95	17.02	16.95		
1.4	256QAM	1	5	17.12	17.14	17.10		
1.4	256QAM	3	0	16.56	16.71	16.65		
1.4	256QAM	3	1	16.74	16.94	16.68		
1.4	256QAM	3	3	16.75	16.89	16.79		
1.4	256QAM	6	0	16.86	16.93	16.88	17.9	2.3

Band 5_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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.05	22.19	22.12	22.8	0
10	QPSK	1	25	22.12	22.13	22.02		
10	QPSK	1	49	22.02	22.08	21.97		
10	QPSK	25	0	21.99	22.14	22.12	22.8	0
10	QPSK	25	12	21.98	22.06	21.92		
10	QPSK	25	25	22.07	22.11	22.06		
10	QPSK	50	0	22.05	22.06	22.04		
10	16QAM	1	0	22.08	22.11	22.05	22.8	0
10	16QAM	1	25	22.11	22.14	22.08		
10	16QAM	1	49	22.02	22.13	22.00		
10	16QAM	25	0	21.77	21.80	21.76	22.8	0
10	16QAM	25	12	21.78	21.89	21.83		
10	16QAM	25	25	21.79	21.87	21.75		
10	16QAM	50	0	21.73	21.85	21.78		
10	64QAM	1	0	22.01	22.02	21.82	22.8	0
10	64QAM	1	25	22.00	22.02	22.06		
10	64QAM	1	49	22.01	21.98	21.97		
10	64QAM	25	0	20.78	20.79	20.72	21.8	1
10	64QAM	25	12	20.79	20.91	20.85		
10	64QAM	25	25	20.85	20.85	20.71		
10	64QAM	50	0	20.72	20.85	20.80		
10	256QAM	1	0	18.97	19.00	18.81	19.8	3
10	256QAM	1	25	18.83	19.02	19.00		
10	256QAM	1	49	18.78	18.95	18.86		
10	256QAM	25	0	18.83	18.88	18.80	19.8	3
10	256QAM	25	12	18.88	18.89	18.87		
10	256QAM	25	25	18.77	18.95	18.95		
10	256QAM	50	0	18.88	19.00	18.82		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	21.99	22.08	22.04	22.8	0
5	QPSK	1	12	22.02	21.98	21.87		
5	QPSK	1	24	21.96	22.07	21.87		
5	QPSK	12	0	21.98	22.01	21.99	22.8	0
5	QPSK	12	7	21.97	21.97	21.87		
5	QPSK	12	13	21.98	22.02	22.06		
5	QPSK	25	0	21.90	22.06	21.97		
5	16QAM	1	0	21.98	22.00	22.05	22.8	0
5	16QAM	1	12	21.96	22.03	21.94		
5	16QAM	1	24	21.88	22.13	21.89		
5	16QAM	12	0	21.84	21.82	21.70	22.8	0
5	16QAM	12	7	21.98	21.88	21.85		
5	16QAM	12	13	21.91	21.83	21.78		
5	16QAM	25	0	21.89	21.72	21.68		
5	64QAM	1	0	22.02	21.98	21.98	22.8	0
5	64QAM	1	12	22.05	22.18	21.98		
5	64QAM	1	24	22.02	21.89	21.82		
5	64QAM	12	0	20.79	20.75	20.72	21.8	1
5	64QAM	12	7	20.92	20.87	20.81		
5	64QAM	12	13	20.89	20.82	20.73		
5	64QAM	25	0	20.89	20.76	20.66		
5	256QAM	1	0	18.95	18.95	18.80	19.8	3
5	256QAM	1	12	18.83	18.97	19.00		
5	256QAM	1	24	18.78	18.76	18.78		
5	256QAM	12	0	18.74	18.75	18.74	19.8	3
5	256QAM	12	7	18.80	18.75	18.78		
5	256QAM	12	13	18.75	18.93	18.82		
5	256QAM	25	0	18.79	18.87	18.69		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	21.98	22.15	22.11	22.8	0
3	QPSK	1	8	22.01	22.13	22.02		
3	QPSK	1	14	21.99	21.96	21.84		
3	QPSK	8	0	21.94	22.01	22.06	22.8	0
3	QPSK	8	4	21.96	22.04	21.92		
3	QPSK	8	7	21.97	22.11	21.96		
3	QPSK	15	0	21.90	22.04	22.03		
3	16QAM	1	0	22.06	22.02	22.03	22.8	0
3	16QAM	1	8	22.03	22.07	21.99		
3	16QAM	1	14	22.01	22.08	21.95		
3	16QAM	8	0	22.01	21.80	21.75	22.8	0
3	16QAM	8	4	21.99	21.91	21.78		
3	16QAM	8	7	21.97	21.90	21.75		
3	16QAM	15	0	21.88	21.73	21.67		
3	64QAM	1	0	22.16	21.91	21.87	22.8	0
3	64QAM	1	8	22.14	21.99	21.93		
3	64QAM	1	14	22.09	21.91	21.89		
3	64QAM	8	0	20.93	20.77	20.71	21.8	1
3	64QAM	8	4	20.97	20.90	20.73		
3	64QAM	8	7	20.93	20.85	20.80		
3	64QAM	15	0	20.89	20.75	20.64		
3	256QAM	1	0	18.81	18.99	18.63	19.8	3
3	256QAM	1	8	18.83	18.91	18.96		
3	256QAM	1	14	18.68	18.83	18.84		
3	256QAM	8	0	18.74	18.84	18.78	19.8	3
3	256QAM	8	4	18.77	18.70	18.75		
3	256QAM	8	7	18.74	18.81	18.90		
3	256QAM	15	0	18.71	18.90	18.78		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	21.94	22.05	22.01	22.8	0
1.4	QPSK	1	3	22.07	22.08	22.00		
1.4	QPSK	1	5	22.01	21.97	21.91		
1.4	QPSK	3	0	22.04	22.11	22.01		
1.4	QPSK	3	1	22.01	22.06	22.00		
1.4	QPSK	3	3	21.88	21.99	21.82		
1.4	QPSK	6	0	21.89	22.14	22.09	22.8	0
1.4	16QAM	1	0	21.98	21.95	21.77	22.8	0
1.4	16QAM	1	3	21.99	22.08	22.00		
1.4	16QAM	1	5	22.00	22.06	22.00		
1.4	16QAM	3	0	22.04	22.06	22.04		
1.4	16QAM	3	1	22.10	22.03	21.99		
1.4	16QAM	3	3	22.00	22.09	21.98		
1.4	16QAM	6	0	21.98	21.84	21.81	22.8	0
1.4	64QAM	1	0	22.05	21.99	21.88	22.8	0
1.4	64QAM	1	3	22.04	22.15	21.94		
1.4	64QAM	1	5	22.00	22.02	21.88		
1.4	64QAM	3	0	21.98	21.89	21.81		
1.4	64QAM	3	1	21.98	21.91	21.87		
1.4	64QAM	3	3	21.95	21.94	21.79		
1.4	64QAM	6	0	20.86	20.77	20.75	21.8	1
1.4	256QAM	1	0	18.89	18.84	18.63	19.8	3
1.4	256QAM	1	3	18.76	18.91	18.82		
1.4	256QAM	1	5	18.66	18.76	18.80		
1.4	256QAM	3	0	18.80	18.70	18.71		
1.4	256QAM	3	1	18.74	18.74	18.84		
1.4	256QAM	3	3	18.66	18.94	18.92		
1.4	256QAM	6	0	18.85	18.89	18.66	19.8	3

Band 5_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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.88	24.00	23.84	24.8	0
10	QPSK	1	25	23.87	23.95	23.80		
10	QPSK	1	49	23.85	23.87	23.75		
10	QPSK	25	0	22.96	23.05	23.01	23.8	1
10	QPSK	25	12	22.90	23.02	22.96		
10	QPSK	25	25	22.93	23.03	22.86		
10	QPSK	50	0	22.86	23.01	22.90		
10	16QAM	1	0	23.38	23.38	23.37	23.8	1
10	16QAM	1	25	23.34	23.36	23.12		
10	16QAM	1	49	23.36	23.40	23.18		
10	16QAM	25	0	21.93	21.96	21.86	22.8	2
10	16QAM	25	12	21.91	22.05	21.94		
10	16QAM	25	25	21.94	22.00	21.87		
10	16QAM	50	0	21.89	22.00	21.92		
10	64QAM	1	0	22.16	22.30	22.13	22.8	2
10	64QAM	1	25	22.29	22.23	22.10		
10	64QAM	1	49	22.10	22.14	22.18		
10	64QAM	25	0	20.90	20.97	20.88	21.8	3
10	64QAM	25	12	20.90	21.08	20.92		
10	64QAM	25	25	20.94	20.97	20.90		
10	64QAM	50	0	20.89	20.99	20.89		
10	256QAM	1	0	19.03	19.05	18.87	19.8	5
10	256QAM	1	25	18.91	19.00	18.85		
10	256QAM	1	49	18.84	18.95	18.79		
10	256QAM	25	0	18.88	19.02	18.97	19.8	5
10	256QAM	25	12	18.90	18.92	18.83		
10	256QAM	25	25	18.90	18.96	18.88		
10	256QAM	50	0	18.85	18.93	18.83		
Channel				20425	20525	20625	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	0	23.92	23.89	23.76	24.8	0
5	QPSK	1	12	23.92	23.90	23.85		
5	QPSK	1	24	23.89	23.80	23.73		
5	QPSK	12	0	22.95	22.87	22.76	23.8	1
5	QPSK	12	7	23.05	22.96	22.86		
5	QPSK	12	13	23.00	22.91	22.81		
5	QPSK	25	0	22.99	22.86	22.75		
5	16QAM	1	0	23.29	23.18	23.23	23.8	1
5	16QAM	1	12	23.45	23.39	23.29		
5	16QAM	1	24	23.32	23.21	23.05		
5	16QAM	12	0	21.99	21.91	21.81	22.8	2
5	16QAM	12	7	22.06	22.01	21.94		
5	16QAM	12	13	22.06	21.93	21.86		
5	16QAM	25	0	22.04	21.89	21.73		
5	64QAM	1	0	22.20	22.16	22.11	22.8	2
5	64QAM	1	12	22.37	22.05	22.16		
5	64QAM	1	24	22.19	22.19	22.04		
5	64QAM	12	0	20.97	20.90	20.80	21.8	3
5	64QAM	12	7	21.08	21.01	20.91		
5	64QAM	12	13	21.08	20.98	20.87		
5	64QAM	25	0	21.04	20.86	20.79		
5	256QAM	1	0	19.01	18.92	18.75	19.8	5
5	256QAM	1	12	18.89	18.90	18.85		
5	256QAM	1	24	18.74	18.80	18.62		
5	256QAM	12	0	18.84	18.89	18.83	19.8	5
5	256QAM	12	7	18.72	18.82	18.70		
5	256QAM	12	13	18.75	18.89	18.88		
5	256QAM	25	0	18.67	18.93	18.77		
Channel				20415	20525	20635	Tune-up limit	MPR
Frequency (MHz)				825.5	836.5	847.5	(dBm)	(dB)
3	QPSK	1	0	23.90	23.78	23.76	24.8	0
3	QPSK	1	8	23.91	23.93	23.80		
3	QPSK	1	14	23.89	23.80	23.67		
3	QPSK	8	0	23.04	22.87	22.76	23.8	1
3	QPSK	8	4	23.07	22.98	22.81		
3	QPSK	8	7	23.03	22.92	22.84		
3	QPSK	15	0	23.01	22.83	22.76		
3	16QAM	1	0	23.30	23.23	23.15	23.8	1
3	16QAM	1	8	23.44	23.40	23.21		
3	16QAM	1	14	23.31	23.15	23.16		
3	16QAM	8	0	22.13	21.94	21.91	22.8	2
3	16QAM	8	4	22.17	22.03	21.87		
3	16QAM	8	7	22.12	22.02	21.95		
3	16QAM	15	0	22.05	21.87	21.77		
3	64QAM	1	0	22.26	22.05	22.00	22.8	2
3	64QAM	1	8	22.28	22.04	22.10		
3	64QAM	1	14	22.13	22.18	21.86		
3	64QAM	8	0	21.08	20.87	20.76	21.8	3
3	64QAM	8	4	21.09	21.07	20.84		
3	64QAM	8	7	21.06	21.00	20.91		
3	64QAM	15	0	21.04	20.90	20.78		
3	256QAM	1	0	18.88	19.05	18.70	19.8	5
3	256QAM	1	8	18.85	18.85	18.67		
3	256QAM	1	14	18.71	18.83	18.63		
3	256QAM	8	0	18.72	18.96	18.91	19.8	5
3	256QAM	8	4	18.78	18.82	18.69		
3	256QAM	8	7	18.79	18.89	18.77		
3	256QAM	15	0	18.80	18.87	18.74		
Channel				20407	20525	20643	Tune-up limit	MPR
Frequency (MHz)				824.7	836.5	848.3	(dBm)	(dB)
1.4	QPSK	1	0	23.87	23.83	23.70	24.8	0
1.4	QPSK	1	3	23.97	23.81	23.78		
1.4	QPSK	1	5	23.95	23.87	23.75		
1.4	QPSK	3	0	23.93	23.90	23.79		
1.4	QPSK	3	1	23.98	23.88	23.80		
1.4	QPSK	3	3	23.93	23.90	23.76		
1.4	QPSK	6	0	21.98	21.82	21.83	23.8	1
1.4	16QAM	1	0	23.38	23.37	23.13	23.8	1
1.4	16QAM	1	3	23.37	23.35	23.16		
1.4	16QAM	1	5	23.50	23.32	23.08		
1.4	16QAM	3	0	23.21	22.98	23.02		
1.4	16QAM	3	1	23.17	23.10	22.92		
1.4	16QAM	3	3	23.23	23.04	22.96		
1.4	16QAM	6	0	22.01	21.91	21.87	22.8	2
1.4	64QAM	1	0	22.21	22.15	21.99	22.8	2
1.4	64QAM	1	3	22.19	22.17	22.08		
1.4	64QAM	1	5	22.15	22.12	21.88		
1.4	64QAM	3	0	22.11	21.99	21.96		
1.4	64QAM	3	1	22.15	22.03	21.97		
1.4	64QAM	3	3	22.17	22.03	21.92		
1.4	64QAM	6	0	21.01	20.86	20.86	21.8	3
1.4	256QAM	1	0	19.00	19.02	18.82	19.8	5
1.4	256QAM	1	3	18.84	18.94	18.69		
1.4	256QAM	1	5	18.70	18.92	18.70		
1.4	256QAM	3	0	18.81	18.85	18.84		
1.4	256QAM	3	1	18.75	18.84	18.76		
1.4	256QAM	3	3	18.89	18.86	18.77		
1.4	256QAM	6	0	18.77	18.74	18.66	19.8	5

Band 7_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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.83	19.85	19.72	20.2	0
20	QPSK	1	49	19.67	19.76	19.67		
20	QPSK	1	99	19.68	19.72	19.70		
20	QPSK	50	0	19.73	19.84	19.81	20.2	0
20	QPSK	50	24	19.73	19.81	19.69		
20	QPSK	50	50	19.68	19.75	19.71		
20	QPSK	100	0	19.67	19.75	19.64		
20	16QAM	1	0	19.68	19.72	19.66	20.2	0
20	16QAM	1	49	19.76	19.80	19.68		
20	16QAM	1	99	19.72	19.73	19.71		
20	16QAM	50	0	19.54	19.64	19.52	20.2	0
20	16QAM	50	24	19.65	19.73	19.69		
20	16QAM	50	50	19.65	19.75	19.74		
20	16QAM	100	0	19.77	19.84	19.81		
20	64QAM	1	0	19.63	19.76	19.65	20.2	0
20	64QAM	1	49	19.63	19.71	19.69		
20	64QAM	1	99	19.49	19.52	19.52		
20	64QAM	50	0	19.51	19.44	19.41	19.7	0.5
20	64QAM	50	24	19.54	19.50	19.41		
20	64QAM	50	50	19.49	19.50	19.46		
20	64QAM	100	0	19.51	19.49	19.50		
20	256QAM	1	0	16.88	17.05	17.01	17.7	2.5
20	256QAM	1	49	17.03	17.11	16.94		
20	256QAM	1	99	17.07	17.09	17.06		
20	256QAM	50	0	17.14	17.15	17.00	17.7	2.5
20	256QAM	50	24	16.85	17.02	16.97		
20	256QAM	50	50	16.96	17.00	16.94		
20	256QAM	100	0	17.07	17.10	17.08		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	19.75	19.76	19.55	20.2	0
15	QPSK	1	37	19.59	19.62	19.61		
15	QPSK	1	74	19.56	19.56	19.54		
15	QPSK	36	0	19.58	19.78	19.61	20.2	0
15	QPSK	36	20	19.53	19.70	19.59		
15	QPSK	36	39	19.53	19.66	19.51		
15	QPSK	75	0	19.50	19.63	19.55		
15	16QAM	1	0	19.53	19.58	19.54	20.2	0
15	16QAM	1	37	19.60	19.64	19.59		
15	16QAM	1	74	19.56	19.64	19.58		
15	16QAM	36	0	19.65	19.74	19.72	20.2	0
15	16QAM	36	20	19.50	19.58	19.56		
15	16QAM	36	39	19.47	19.55	19.61		
15	16QAM	75	0	19.69	19.78	19.76		
15	64QAM	1	0	19.51	19.58	19.54	20.2	0
15	64QAM	1	37	19.55	19.53	19.56		
15	64QAM	1	74	19.66	19.79	19.61		
15	64QAM	36	0	19.43	19.36	19.31	19.7	0.5
15	64QAM	36	20	19.50	19.40	19.36		
15	64QAM	36	39	19.47	19.38	19.39		
15	64QAM	75	0	19.40	19.42	19.49		
15	256QAM	1	0	16.85	17.02	16.98	17.7	2.5
15	256QAM	1	37	16.98	17.05	16.82		
15	256QAM	1	74	17.03	16.98	17.05		
15	256QAM	36	0	17.04	17.06	16.92	17.7	2.5
15	256QAM	36	20	16.83	16.96	16.95		
15	256QAM	36	39	16.84	16.98	16.83		
15	256QAM	75	0	17.02	17.03	17.06		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	19.76	19.75	19.60	20.2	0
10	QPSK	1	25	19.61	19.68	19.52		
10	QPSK	1	49	19.48	19.59	19.58		
10	QPSK	25	0	19.53	19.64	19.72	20.2	0
10	QPSK	25	12	19.62	19.74	19.62		
10	QPSK	25	25	19.57	19.61	19.66		
10	QPSK	50	0	19.49	19.70	19.51		
10	16QAM	1	0	19.51	19.63	19.57	20.2	0
10	16QAM	1	25	19.57	19.64	19.48		
10	16QAM	1	49	19.53	19.58	19.59		
10	16QAM	25	0	19.74	19.77	19.69	20.2	0
10	16QAM	25	12	19.55	19.54	19.62		
10	16QAM	25	25	19.53	19.56	19.61		
10	16QAM	50	0	19.57	19.68	19.76		
10	64QAM	1	0	19.55	19.67	19.53	20.2	0
10	64QAM	1	25	19.46	19.58	19.59		
10	64QAM	1	49	19.67	19.76	19.71		
10	64QAM	25	0	19.46	19.33	19.37	19.7	0.5
10	64QAM	25	12	19.53	19.44	19.31		
10	64QAM	25	25	19.40	19.46	19.40		
10	64QAM	50	0	19.43	19.48	19.48		
10	256QAM	1	0	16.85	17.01	16.95	17.7	2.5
10	256QAM	1	25	16.96	17.10	16.92		
10	256QAM	1	49	17.03	17.05	17.02		
10	256QAM	25	0	17.08	17.10	16.95	17.7	2.5
10	256QAM	25	12	16.82	16.92	16.86		
10	256QAM	25	25	16.85	16.97	16.82		
10	256QAM	50	0	17.02	16.99	16.96		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	19.74	19.71	19.66	20.2	0
5	QPSK	1	12	19.54	19.66	19.48		
5	QPSK	1	24	19.58	19.55	19.55		
5	QPSK	12	0	19.58	19.70	19.65	20.2	0
5	QPSK	12	7	19.68	19.76	19.58		
5	QPSK	12	13	19.53	19.70	19.62		
5	QPSK	25	0	19.58	19.59	19.55		
5	16QAM	1	0	19.61	19.66	19.50	20.2	0
5	16QAM	1	12	19.69	19.68	19.54		
5	16QAM	1	24	19.56	19.64	19.56		
5	16QAM	12	0	19.74	19.66	19.66	20.2	0
5	16QAM	12	7	19.50	19.61	19.63		
5	16QAM	12	13	19.60	19.63	19.68		
5	16QAM	25	0	19.69	19.73	19.75		
5	64QAM	1	0	19.56	19.59	19.47	20.2	0
5	64QAM	1	12	19.45	19.63	19.49		
5	64QAM	1	24	19.67	19.78	19.64		
5	64QAM	12	0	19.48	19.35	19.30	19.7	0.5
5	64QAM	12	7	19.44	19.48	19.32		
5	64QAM	12	13	19.44	19.42	19.37		
5	64QAM	25	0	19.50	19.48	19.41		
5	256QAM	1	0	16.81	16.97	16.95	17.7	2.5
5	256QAM	1	12	17.01	17.08	16.89		
5	256QAM	1	24	17.04	17.07	16.99		
5	256QAM	12	0	17.05	17.06	16.93	17.7	2.5
5	256QAM	12	7	16.73	16.90	16.93		
5	256QAM	12	13	16.94	16.95	16.91		
5	256QAM	25	0	16.99	16.98	17.00		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.52	23.58	23.55	24.1	0
20	QPSK	1	49	23.40	23.53	23.52		
20	QPSK	1	99	23.44	23.45	23.51		
20	QPSK	50	0	22.51	22.60	22.54	23.1	1
20	QPSK	50	24	22.46	22.56	22.51		
20	QPSK	50	50	22.50	22.51	22.49		
20	QPSK	100	0	22.51	22.58	22.53		
20	16QAM	1	0	22.87	22.81	22.76	23.1	1
20	16QAM	1	49	23.00	22.83	22.81		
20	16QAM	1	99	22.77	22.80	22.75		
20	16QAM	50	0	21.72	21.57	21.58	22.1	2
20	16QAM	50	24	21.73	21.67	21.59		
20	16QAM	50	50	21.69	21.65	21.65		
20	16QAM	100	0	21.72	21.64	21.65		
20	64QAM	1	0	21.76	21.68	21.67	22.1	2
20	64QAM	1	49	21.77	21.75	21.69		
20	64QAM	1	99	21.70	21.74	21.78		
20	64QAM	50	0	20.73	20.55	20.57	21.1	3
20	64QAM	50	24	20.74	20.65	20.60		
20	64QAM	50	50	20.69	20.65	20.65		
20	64QAM	100	0	20.71	20.65	20.65		
20	256QAM	1	0	18.53	18.60	18.54	19.1	5
20	256QAM	1	49	18.44	18.55	18.43		
20	256QAM	1	99	18.44	18.50	18.34		
20	256QAM	50	0	18.49	18.56	18.48	19.1	5
20	256QAM	50	24	18.58	18.59	18.46		
20	256QAM	50	50	18.43	18.62	18.60		
20	256QAM	100	0	18.36	18.52	18.36		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	23.42	23.42	23.42	24.1	0
15	QPSK	1	37	23.35	23.38	23.43		
15	QPSK	1	74	23.37	23.35	23.33		
15	QPSK	36	0	22.56	22.51	22.49	23.1	1
15	QPSK	36	20	22.71	22.47	22.52		
15	QPSK	36	39	22.46	22.48	22.48		
15	QPSK	75	0	22.69	22.53	22.52		
15	16QAM	1	0	22.85	22.66	22.59	23.1	1
15	16QAM	1	37	22.92	22.70	22.87		
15	16QAM	1	74	22.58	22.69	22.57		
15	16QAM	36	0	21.64	21.57	21.50	22.1	2
15	16QAM	36	20	21.60	21.62	21.46		
15	16QAM	36	39	21.60	21.51	21.56		
15	16QAM	75	0	21.54	21.61	21.47		
15	64QAM	1	0	21.57	21.60	21.48	22.1	2
15	64QAM	1	37	21.64	21.65	21.56		
15	64QAM	1	74	21.54	21.59	21.62		
15	64QAM	36	0	20.63	20.55	20.47	21.1	3
15	64QAM	36	20	20.70	20.56	20.56		
15	64QAM	36	39	20.61	20.63	20.57		
15	64QAM	75	0	20.59	20.65	20.53		
15	256QAM	1	0	18.38	18.58	18.39	19.1	5
15	256QAM	1	37	18.34	18.54	18.33		
15	256QAM	1	74	18.41	18.48	18.31		
15	256QAM	36	0	18.41	18.56	18.40	19.1	5
15	256QAM	36	20	18.46	18.55	18.34		
15	256QAM	36	39	18.28	18.45	18.45		
15	256QAM	75	0	18.24	18.39	18.24		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	23.39	23.46	23.46	24.1	0
10	QPSK	1	25	23.34	23.43	23.39		
10	QPSK	1	49	23.44	23.37	23.33		
10	QPSK	25	0	22.70	22.38	22.44	23.1	1
10	QPSK	25	12	22.67	22.54	22.42		
10	QPSK	25	25	22.58	22.59	22.66		
10	QPSK	50	0	22.52	22.46	22.60		
10	16QAM	1	0	22.85	22.81	22.65	23.1	1
10	16QAM	1	25	22.95	22.81	23.01		
10	16QAM	1	49	22.60	22.71	22.64		
10	16QAM	25	0	21.61	21.48	21.47	22.1	2
10	16QAM	25	12	21.57	21.55	21.43		
10	16QAM	25	25	21.50	21.46	21.46		
10	16QAM	50	0	21.67	21.58	21.60		
10	64QAM	1	0	21.62	21.66	21.53	22.1	2
10	64QAM	1	25	21.76	21.63	21.68		
10	64QAM	1	49	21.70	21.55	21.78		
10	64QAM	25	0	20.56	20.49	20.40	21.1	3
10	64QAM	25	12	20.57	20.53	20.43		
10	64QAM	25	25	20.64	20.60	20.60		
10	64QAM	50	0	20.53	20.50	20.47		
10	256QAM	1	0	18.45	18.56	18.46	19.1	5
10	256QAM	1	25	18.37	18.55	18.36		
10	256QAM	1	49	18.30	18.35	18.20		
10	256QAM	25	0	18.40	18.49	18.39	19.1	5
10	256QAM	25	12	18.41	18.44	18.29		
10	256QAM	25	25	18.24	18.50	18.41		
10	256QAM	50	0	18.24	18.48	18.24		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	23.33	23.44	23.50	24.1	0
5	QPSK	1	12	23.25	23.49	23.33		
5	QPSK	1	24	23.33	23.39	23.43		
5	QPSK	12	0	22.53	22.36	22.45	23.1	1
5	QPSK	12	7	22.59	22.58	22.41		
5	QPSK	12	13	22.62	22.59	22.66		
5	QPSK	25	0	22.57	22.64	22.53		
5	16QAM	1	0	22.86	22.67	22.59	23.1	1
5	16QAM	1	12	22.92	22.70	23.00		
5	16QAM	1	24	22.65	22.78	22.63		
5	16QAM	12	0	21.69	21.38	21.55	22.1	2
5	16QAM	12	7	21.59	21.62	21.45		
5	16QAM	12	13	21.67	21.64	21.63		
5	16QAM	25	0	21.60	21.55	21.53		
5	64QAM	1	0	21.65	21.59	21.56	22.1	2
5	64QAM	1	12	21.64	21.71	21.56		
5	64QAM	1	24	21.60	21.68	21.68		
5	64QAM	12	0	20.69	20.36	20.53	21.1	3
5	64QAM	12	7	20.56	20.49	20.42		
5	64QAM	12	13	20.69	20.65	20.65		
5	64QAM	25	0	20.54	20.56	20.48		
5	256QAM	1	0	18.45	18.55	18.46	19.1	5
5	256QAM	1	12	18.34	18.50	18.33		
5	256QAM	1	24	18.41	18.48	18.31		
5	256QAM	12	0	18.45	18.50	18.44	19.1	5
5	256QAM	12	7	18.52	18.51	18.40		
5	256QAM	12	13	18.43	18.60	18.60		
5	256QAM	25	0	18.24	18.42	18.24		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	12.15	12.27	12.23	13.3	0
20	QPSK	1	49	12.14	12.14	11.99		
20	QPSK	1	99	12.05	12.11	11.97		
20	QPSK	50	0	12.05	12.15	12.14	13.3	0
20	QPSK	50	24	12.14	12.01	12.08		
20	QPSK	50	50	12.07	12.00	12.08		
20	QPSK	100	0	12.01	11.91	12.05		
20	16QAM	1	0	12.09	11.90	12.11	13.3	0
20	16QAM	1	49	12.12	12.02	12.00		
20	16QAM	1	99	12.11	12.00	12.13		
20	16QAM	50	0	12.05	12.16	12.07	13.3	0
20	16QAM	50	24	12.03	12.04	12.01		
20	16QAM	50	50	12.04	12.08	12.05		
20	16QAM	100	0	12.07	12.00	12.08		
20	64QAM	1	0	12.10	11.99	12.10	13.3	0
20	64QAM	1	49	12.12	11.99	12.12		
20	64QAM	1	99	12.00	11.83	12.15		
20	64QAM	50	0	12.00	12.12	12.09	13.3	0
20	64QAM	50	24	12.10	11.78	12.02		
20	64QAM	50	50	12.00	12.03	12.04		
20	64QAM	100	0	12.04	12.04	12.14		
20	256QAM	1	0	12.01	11.87	12.02	13.3	0
20	256QAM	1	49	12.05	11.96	12.03		
20	256QAM	1	99	12.13	12.05	12.09		
20	256QAM	50	0	12.15	11.82	12.13	13.3	0
20	256QAM	50	24	12.15	12.05	12.01		
20	256QAM	50	50	12.14	12.06	12.00		
20	256QAM	100	0	12.09	12.07	12.02		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	12.07	12.21	12.18	13.3	0
15	QPSK	1	37	12.06	12.02	11.84		
15	QPSK	1	74	11.93	12.05	11.84		
15	QPSK	36	0	11.94	12.11	12.14	13.3	0
15	QPSK	36	20	12.04	11.96	11.97		
15	QPSK	36	39	12.02	11.96	12.01		
15	QPSK	75	0	11.99	11.87	11.95		
15	16QAM	1	0	12.04	11.86	12.07	13.3	0
15	16QAM	1	37	11.98	11.95	11.99		
15	16QAM	1	74	11.98	11.92	12.02		
15	16QAM	36	0	12.02	12.13	12.05	13.3	0
15	16QAM	36	20	12.00	11.98	11.88		
15	16QAM	36	39	11.98	12.08	11.92		
15	16QAM	75	0	11.99	11.91	12.08		
15	64QAM	1	0	11.96	11.93	11.98	13.3	0
15	64QAM	1	37	11.97	11.95	12.12		
15	64QAM	1	74	11.95	11.68	12.10		
15	64QAM	36	0	11.85	12.00	11.95	13.3	0
15	64QAM	36	20	12.05	11.68	11.95		
15	64QAM	36	39	11.85	12.03	11.99		
15	64QAM	75	0	11.91	12.04	12.02		
15	256QAM	1	0	12.00	11.80	12.02	13.3	0
15	256QAM	1	37	11.97	11.87	11.93		
15	256QAM	1	74	12.00	11.90	12.01		
15	256QAM	36	0	12.02	11.79	12.13	13.3	0
15	256QAM	36	20	12.06	11.98	11.92		
15	256QAM	36	39	11.99	12.04	11.96		
15	256QAM	75	0	12.01	11.97	11.87		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	12.03	12.12	12.22	13.3	0
10	QPSK	1	25	12.09	12.00	11.99		
10	QPSK	1	49	11.98	11.96	11.90		
10	QPSK	25	0	11.90	12.02	12.10	13.3	0
10	QPSK	25	12	12.13	11.98	12.06		
10	QPSK	25	25	12.02	11.95	12.07		
10	QPSK	50	0	11.86	11.88	11.97		
10	16QAM	1	0	12.00	11.82	12.03	13.3	0
10	16QAM	1	25	12.03	11.99	11.98		
10	16QAM	1	49	12.02	11.97	12.08		
10	16QAM	25	0	11.90	12.08	11.95	13.3	0
10	16QAM	25	12	11.93	11.94	11.91		
10	16QAM	25	25	12.02	12.04	11.97		
10	16QAM	50	0	11.97	11.91	11.95		
10	64QAM	1	0	11.97	11.96	12.01	13.3	0
10	64QAM	1	25	12.08	11.88	11.99		
10	64QAM	1	49	11.91	11.78	12.09		
10	64QAM	25	0	11.92	12.03	11.94	13.3	0
10	64QAM	25	12	12.00	11.71	11.87		
10	64QAM	25	25	11.99	11.94	11.96		
10	64QAM	50	0	12.02	11.92	12.00		
10	256QAM	1	0	12.00	11.85	11.92	13.3	0
10	256QAM	1	25	11.91	11.84	11.97		
10	256QAM	1	49	12.13	11.91	12.07		
10	256QAM	25	0	12.15	11.68	12.07	13.3	0
10	256QAM	25	12	12.11	11.99	11.93		
10	256QAM	25	25	12.05	12.02	11.95		
10	256QAM	50	0	12.09	11.93	11.87		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	12.06	12.12	12.12	13.3	0
5	QPSK	1	12	12.05	12.11	11.95		
5	QPSK	1	24	11.98	12.05	11.82		
5	QPSK	12	0	11.96	12.06	12.05	13.3	0
5	QPSK	12	7	12.02	11.88	11.95		
5	QPSK	12	13	11.96	11.98	11.93		
5	QPSK	25	0	11.95	11.77	11.99		
5	16QAM	1	0	12.03	11.89	12.10	13.3	0
5	16QAM	1	12	12.05	11.94	11.94		
5	16QAM	1	24	12.04	11.94	12.13		
5	16QAM	12	0	11.94	12.06	11.92	13.3	0
5	16QAM	12	7	11.88	11.96	11.92		
5	16QAM	12	13	12.04	11.98	12.03		
5	16QAM	25	0	12.03	11.98	11.95		
5	64QAM	1	0	11.99	11.85	11.95	13.3	0
5	64QAM	1	12	12.00	11.96	11.98		
5	64QAM	1	24	12.00	11.76	12.11		
5	64QAM	12	0	11.98	12.00	11.94	13.3	0
5	64QAM	12	7	12.08	11.66	11.87		
5	64QAM	12	13	11.95	11.94	11.96		
5	64QAM	25	0	12.00	12.00	12.06		
5	256QAM	1	0	11.90	11.74	11.95	13.3	0
5	256QAM	1	12	11.99	11.88	11.90		
5	256QAM	1	24	12.08	11.92	12.07		
5	256QAM	12	0	12.13	11.70	12.05	13.3	0
5	256QAM	12	7	12.08	12.03	11.87		
5	256QAM	12	13	12.06	12.00	11.98		
5	256QAM	25	0	11.96	12.06	12.00		

Band 7_Ant 7

BW [MHz]	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	18.53	18.63	18.51	19.6	0
20	QPSK	1	49	18.47	18.57	18.45		
20	QPSK	1	99	18.33	18.49	18.43		
20	QPSK	50	0	18.46	18.53	18.41	19.6	0
20	QPSK	50	24	18.34	18.43	18.28		
20	QPSK	50	50	18.44	18.47	18.34		
20	QPSK	100	0	18.35	18.48	18.45		
20	16QAM	1	0	18.50	18.54	18.46	19.6	0
20	16QAM	1	49	18.55	18.56	18.40		
20	16QAM	1	99	18.35	18.50	18.36		
20	16QAM	50	0	18.37	18.48	18.40	19.6	0
20	16QAM	50	24	18.38	18.51	18.40		
20	16QAM	50	50	18.37	18.42	18.37		
20	16QAM	100	0	18.46	18.55	18.51		
20	64QAM	1	0	18.31	18.47	18.46	19.6	0
20	64QAM	1	49	18.44	18.46	18.34		
20	64QAM	1	99	18.39	18.42	18.41		
20	64QAM	50	0	18.47	18.50	18.42	19.6	0
20	64QAM	50	24	18.43	18.57	18.49		
20	64QAM	50	50	18.53	18.57	18.53		
20	64QAM	100	0	18.43	18.57	18.52		
20	256QAM	1	0	16.81	16.88	16.78	18	1.6
20	256QAM	1	49	16.77	16.85	16.67		
20	256QAM	1	99	16.80	16.81	16.62		
20	256QAM	50	0	16.81	16.90	16.87	18	1.6
20	256QAM	50	24	16.69	16.87	16.70		
20	256QAM	50	50	16.73	16.92	16.88		
20	256QAM	100	0	16.68	16.84	16.73		
Channel				20825	21100	21375	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	0	18.49	18.56	18.40	19.6	0
15	QPSK	1	37	18.37	18.46	18.32		
15	QPSK	1	74	18.23	18.36	18.38		
15	QPSK	36	0	18.44	18.49	18.32	19.6	0
15	QPSK	36	20	18.24	18.35	18.24		
15	QPSK	36	39	18.41	18.46	18.31		
15	QPSK	75	0	18.32	18.34	18.44		
15	16QAM	1	0	18.38	18.41	18.31	19.6	0
15	16QAM	1	37	18.46	18.44	18.28		
15	16QAM	1	74	18.34	18.35	18.29		
15	16QAM	36	0	18.30	18.37	18.30	19.6	0
15	16QAM	36	20	18.23	18.50	18.36		
15	16QAM	36	39	18.23	18.30	18.34		
15	16QAM	75	0	18.42	18.49	18.44		
15	64QAM	1	0	18.25	18.34	18.40	19.6	0
15	64QAM	1	37	18.31	18.42	18.32		
15	64QAM	1	74	18.26	18.32	18.29		
15	64QAM	36	0	18.31	18.36	18.37	19.6	0
15	64QAM	36	20	18.30	18.44	18.40		
15	64QAM	36	39	18.37	18.53	18.47		
15	64QAM	75	0	18.27	18.51	18.47		
15	256QAM	1	0	16.73	16.76	16.70	18	1.6
15	256QAM	1	37	16.76	16.74	16.66		
15	256QAM	1	74	16.76	16.67	16.58		
15	256QAM	36	0	16.72	16.75	16.78	18	1.6
15	256QAM	36	20	16.54	16.69	16.55		
15	256QAM	36	39	16.64	16.83	16.79		
15	256QAM	75	0	16.52	16.79	16.57		
Channel				20800	21100	21400	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	0	18.40	18.60	18.40	19.6	0
10	QPSK	1	25	18.37	18.42	18.29		
10	QPSK	1	49	18.28	18.44	18.30		
10	QPSK	25	0	18.45	18.42	18.28	19.6	0
10	QPSK	25	12	18.31	18.28	18.14		
10	QPSK	25	25	18.35	18.39	18.24		
10	QPSK	50	0	18.26	18.32	18.32		
10	16QAM	1	0	18.42	18.40	18.41	19.6	0
10	16QAM	1	25	18.50	18.55	18.26		
10	16QAM	1	49	18.24	18.43	18.26		
10	16QAM	25	0	18.34	18.32	18.39	19.6	0
10	16QAM	25	12	18.35	18.46	18.31		
10	16QAM	25	25	18.23	18.33	18.36		
10	16QAM	50	0	18.42	18.43	18.38		
10	64QAM	1	0	18.16	18.39	18.42	19.6	0
10	64QAM	1	25	18.43	18.38	18.29		
10	64QAM	1	49	18.29	18.38	18.30		
10	64QAM	25	0	18.46	18.48	18.41	19.6	0
10	64QAM	25	12	18.39	18.54	18.38		
10	64QAM	25	25	18.46	18.50	18.48		
10	64QAM	50	0	18.41	18.51	18.39		
10	256QAM	1	0	16.80	16.82	16.77	18	1.6
10	256QAM	1	25	16.68	16.68	16.58		
10	256QAM	1	49	16.74	16.74	16.56		
10	256QAM	25	0	16.81	16.90	16.87	18	1.6
10	256QAM	25	12	16.65	16.73	16.66		
10	256QAM	25	25	16.73	16.88	16.88		
10	256QAM	50	0	16.60	16.70	16.65		
Channel				20775	21100	21425	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	0	18.38	18.54	18.40	19.6	0
5	QPSK	1	12	18.39	18.53	18.33		
5	QPSK	1	24	18.24	18.37	18.41		
5	QPSK	12	0	18.41	18.44	18.36	19.6	0
5	QPSK	12	7	18.19	18.28	18.20		
5	QPSK	12	13	18.30	18.35	18.25		
5	QPSK	25	0	18.22	18.33	18.40		
5	16QAM	1	0	18.34	18.48	18.39	19.6	0
5	16QAM	1	12	18.39	18.43	18.36		
5	16QAM	1	24	18.25	18.43	18.23		
5	16QAM	12	0	18.28	18.43	18.28	19.6	0
5	16QAM	12	7	18.26	18.37	18.38		
5	16QAM	12	13	18.25	18.40	18.36		
5	16QAM	25	0	18.35	18.46	18.38		
5	64QAM	1	0	18.19	18.43	18.31	19.6	0
5	64QAM	1	12	18.39	18.38	18.18		
5	64QAM	1	24	18.37	18.38	18.40		
5	64QAM	12	0	18.45	18.35	18.37	19.6	0
5	64QAM	12	7	18.34	18.48	18.43		
5	64QAM	12	13	18.39	18.48	18.43		
5	64QAM	25	0	18.40	18.50	18.47		
5	256QAM	1	0	16.81	16.72	16.78	18	1.6
5	256QAM	1	12	16.61	16.81	16.51		
5	256QAM	1	24	16.62	16.79	16.44		
5	256QAM	12	0	16.66	16.87	16.72	18	1.6
5	256QAM	12	7	16.69	16.75	16.70		
5	256QAM	12	13	16.57	16.90	16.72		
5	256QAM	25	0	16.51	16.66	16.56		

Band 12_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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.10	22.19	22.06	22.8	0
10	QPSK	1	25	21.98	22.06	22.06		
10	QPSK	1	49	21.99	22.14	22.06		
10	QPSK	25	0	22.14	22.15	22.12	22.8	0
10	QPSK	25	12	21.98	22.06	22.04		
10	QPSK	25	25	21.96	22.06	22.02		
10	QPSK	50	0	22.02	22.07	22.01		
10	16QAM	1	0	22.00	22.09	22.08	22.8	0
10	16QAM	1	25	22.04	22.10	22.04		
10	16QAM	1	49	22.05	22.14	22.04		
10	16QAM	25	0	21.70	21.70	21.74	22.3	0.5
10	16QAM	25	12	21.82	21.75	21.86		
10	16QAM	25	25	21.75	21.83	21.83		
10	16QAM	50	0	21.79	21.72	21.85		
10	64QAM	1	0	21.93	21.77	21.95	22.3	0.5
10	64QAM	1	25	22.02	21.93	21.96		
10	64QAM	1	49	22.00	21.93	21.88		
10	64QAM	25	0	20.72	20.70	20.75	21.3	1.5
10	64QAM	25	12	20.79	20.76	20.83		
10	64QAM	25	25	20.78	20.81	20.81		
10	64QAM	50	0	20.77	20.70	20.81		
10	256QAM	1	0	18.70	18.80	18.75	19.3	3.5
10	256QAM	1	25	18.58	18.75	18.72		
10	256QAM	1	49	18.61	18.77	18.63		
10	256QAM	25	0	18.74	18.82	18.69	19.3	3.5
10	256QAM	25	12	18.58	18.72	18.56		
10	256QAM	25	25	18.58	18.75	18.68		
10	256QAM	50	0	18.59	18.69	18.57		
Channel				23035	23095	23155	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	0	22.04	22.10	22.02	22.8	0
5	QPSK	1	12	21.98	22.06	22.05		
5	QPSK	1	24	21.86	22.06	21.99		
5	QPSK	12	0	22.05	22.05	22.05	22.8	0
5	QPSK	12	7	21.86	22.03	22.00		
5	QPSK	12	13	21.82	22.05	21.98		
5	QPSK	25	0	22.01	22.02	21.98		
5	16QAM	1	0	22.00	22.04	21.99	22.8	0
5	16QAM	1	12	21.93	21.98	22.02		
5	16QAM	1	24	22.00	22.07	22.02		
5	16QAM	12	0	21.67	21.73	21.72	22.3	0.5
5	16QAM	12	7	21.81	21.85	21.91		
5	16QAM	12	13	21.78	21.81	21.83		
5	16QAM	25	0	21.75	21.69	21.73		
5	64QAM	1	0	21.81	21.97	21.93	22.3	0.5
5	64QAM	1	12	22.07	22.00	22.07		
5	64QAM	1	24	21.90	21.93	22.01		
5	64QAM	12	0	20.70	20.73	20.72	21.3	1.5
5	64QAM	12	7	20.82	20.80	20.86		
5	64QAM	12	13	20.73	20.74	20.80		
5	64QAM	25	0	20.73	20.68	20.72		
5	256QAM	1	0	18.59	18.72	18.74	19.3	3.5
5	256QAM	1	12	18.56	18.69	18.71		
5	256QAM	1	24	18.48	18.72	18.59		
5	256QAM	12	0	18.64	18.68	18.67	19.3	3.5
5	256QAM	12	7	18.43	18.72	18.52		
5	256QAM	12	13	18.42	18.60	18.53		
5	256QAM	25	0	18.49	18.52	18.40		
Channel				23025	23095	23165	Tune-up limit	MPR
Frequency (MHz)				700.5	707.5	714.5	(dBm)	(dB)
3	QPSK	1	0	21.99	22.06	22.05	22.8	0
3	QPSK	1	8	21.94	22.01	21.94		
3	QPSK	1	14	21.88	22.13	21.95		
3	QPSK	8	0	22.04	22.09	22.05	22.8	0
3	QPSK	8	4	21.98	22.06	21.97		
3	QPSK	8	7	21.85	21.95	21.94		
3	QPSK	15	0	22.00	22.03	21.97		
3	16QAM	1	0	21.97	22.03	21.97	22.8	0
3	16QAM	1	8	21.98	22.00	21.99		
3	16QAM	1	14	21.98	22.03	21.97		
3	16QAM	8	0	21.99	21.80	21.74	22.3	0.5
3	16QAM	8	4	21.97	21.92	21.73		
3	16QAM	8	7	21.95	21.85	21.77		
3	16QAM	15	0	21.88	21.73	21.67		
3	64QAM	1	0	21.89	22.03	21.81	22.3	0.5
3	64QAM	1	8	22.00	21.89	21.90		
3	64QAM	1	14	21.96	21.93	22.00		
3	64QAM	8	0	20.88	20.81	20.71	21.3	1.5
3	64QAM	8	4	20.96	20.85	20.67		
3	64QAM	8	7	20.87	20.81	20.72		
3	64QAM	15	0	20.90	20.72	20.64		
3	256QAM	1	0	18.65	18.70	18.62	19.3	3.5
3	256QAM	1	8	18.57	18.61	18.57		
3	256QAM	1	14	18.61	18.73	18.56		
3	256QAM	8	0	18.63	18.77	18.59	19.3	3.5
3	256QAM	8	4	18.56	18.70	18.45		
3	256QAM	8	7	18.52	18.59	18.52		
3	256QAM	15	0	18.56	18.61	18.57		
Channel				23017	23095	23173	Tune-up limit	MPR
Frequency (MHz)				699.7	707.5	715.3	(dBm)	(dB)
1.4	QPSK	1	0	22.08	22.10	21.92	22.8	0
1.4	QPSK	1	3	21.93	21.91	22.06		
1.4	QPSK	1	5	21.87	22.14	22.02		
1.4	QPSK	3	0	22.09	22.09	21.98		
1.4	QPSK	3	1	21.96	22.01	21.89		
1.4	QPSK	3	3	21.94	21.92	21.88		
1.4	QPSK	6	0	21.88	22.05	21.96	22.8	0
1.4	16QAM	1	0	21.85	22.04	22.07	22.8	0
1.4	16QAM	1	3	22.04	21.99	21.91		
1.4	16QAM	1	5	22.04	22.03	21.89		
1.4	16QAM	3	0	21.99	22.09	22.07		
1.4	16QAM	3	1	21.99	22.05	22.04		
1.4	16QAM	3	3	21.90	22.09	22.04		
1.4	16QAM	6	0	21.92	21.73	21.78	22.3	0.5
1.4	64QAM	1	0	22.07	21.97	22.03	22.3	0.5
1.4	64QAM	1	3	22.06	21.93	21.89		
1.4	64QAM	1	5	22.15	21.87	21.85		
1.4	64QAM	3	0	21.95	21.93	21.79		
1.4	64QAM	3	1	22.02	21.97	21.89		
1.4	64QAM	3	3	21.95	21.88	21.86		
1.4	64QAM	6	0	20.87	20.73	20.73	21.3	1.5
1.4	256QAM	1	0	18.65	18.67	18.60	19.3	3.5
1.4	256QAM	1	3	18.47	18.74	18.66		
1.4	256QAM	1	5	18.57	18.70	18.53		
1.4	256QAM	3	0	18.65	18.69	18.64		
1.4	256QAM	3	1	18.48	18.70	18.46		
1.4	256QAM	3	3	18.57	18.66	18.56		
1.4	256QAM	6	0	18.47	18.52	18.41	19.3	3.5

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.94	24.00	23.87	24.8	0
10	QPSK	1	25	23.90	23.90	23.81		
10	QPSK	1	49	23.92	23.88	23.86		
10	QPSK	25	0	22.95	23.01	22.93	23.8	1
10	QPSK	25	12	22.89	22.96	22.92		
10	QPSK	25	25	22.93	23.00	22.90		
10	QPSK	50	0	22.94	23.00	22.89		
10	16QAM	1	0	23.22	23.28	23.18	23.8	1
10	16QAM	1	25	23.23	23.25	23.23		
10	16QAM	1	49	23.23	23.22	23.23		
10	16QAM	25	0	21.88	21.93	21.88	22.8	2
10	16QAM	25	12	22.02	22.02	21.93		
10	16QAM	25	25	22.01	22.03	22.00		
10	16QAM	50	0	21.98	21.99	21.91		
10	64QAM	1	0	22.11	22.17	21.94	22.8	2
10	64QAM	1	25	22.09	22.28	22.27		
10	64QAM	1	49	22.14	22.30	22.22		
10	64QAM	25	0	20.92	20.93	20.87	21.8	3
10	64QAM	25	12	20.98	21.00	20.92		
10	64QAM	25	25	20.99	21.01	20.99		
10	64QAM	50	0	20.97	21.01	20.86		
10	256QAM	1	0	18.92	19.02	18.84	19.8	5
10	256QAM	1	25	18.78	18.95	18.92		
10	256QAM	1	49	18.82	18.90	18.90		
10	256QAM	25	0	18.83	18.88	18.84	19.8	5
10	256QAM	25	12	18.68	18.85	18.85		
10	256QAM	25	25	18.90	18.93	18.92		
10	256QAM	50	0	18.84	18.84	18.68		
Channel				23035	23095	23155	Tune-up limit	MPR
Frequency (MHz)				701.5	707.5	713.5	(dBm)	(dB)
5	QPSK	1	0	23.78	23.85	23.82	24.8	0
5	QPSK	1	12	23.84	23.93	23.90		
5	QPSK	1	24	23.80	23.83	23.87		
5	QPSK	12	0	22.83	22.87	22.87	23.8	1
5	QPSK	12	7	22.95	22.96	23.00		
5	QPSK	12	13	22.92	22.94	22.98		
5	QPSK	25	0	22.90	22.85	22.89		
5	16QAM	1	0	23.19	23.16	23.16	23.8	1
5	16QAM	1	12	23.20	23.28	23.26		
5	16QAM	1	24	23.19	23.13	23.27		
5	16QAM	12	0	21.86	21.92	21.90	22.8	2
5	16QAM	12	7	22.01	22.05	22.04		
5	16QAM	12	13	21.96	22.00	22.01		
5	16QAM	25	0	21.91	21.85	21.88		
5	64QAM	1	0	21.95	22.05	22.13	22.8	2
5	64QAM	1	12	22.11	22.16	22.21		
5	64QAM	1	24	22.14	22.11	22.05		
5	64QAM	12	0	20.86	20.88	20.88	21.8	3
5	64QAM	12	7	20.98	21.01	21.04		
5	64QAM	12	13	20.98	20.99	20.96		
5	64QAM	25	0	20.92	20.87	20.91		
5	256QAM	1	0	18.78	18.88	18.73	19.8	5
5	256QAM	1	12	18.67	18.92	18.79		
5	256QAM	1	24	18.65	18.82	18.84		
5	256QAM	12	0	18.81	18.74	18.72	19.8	5
5	256QAM	12	7	18.62	18.82	18.79		
5	256QAM	12	13	18.85	18.75	18.74		
5	256QAM	25	0	18.79	18.68	18.60		
Channel				23025	23095	23165	Tune-up limit	MPR
Frequency (MHz)				700.5	707.5	714.5	(dBm)	(dB)
3	QPSK	1	0	23.78	23.76	23.80	24.8	0
3	QPSK	1	8	23.90	23.88	23.89		
3	QPSK	1	14	23.78	23.78	23.85		
3	QPSK	8	0	22.91	22.83	22.88	23.8	1
3	QPSK	8	4	22.93	22.98	23.01		
3	QPSK	8	7	22.94	22.97	22.96		
3	QPSK	15	0	22.91	22.94	22.88		
3	16QAM	1	0	23.14	23.20	23.10	23.8	1
3	16QAM	1	8	23.28	23.20	23.20		
3	16QAM	1	14	23.19	23.18	23.11		
3	16QAM	8	0	22.02	21.97	22.02	22.8	2
3	16QAM	8	4	22.03	22.02	22.08		
3	16QAM	8	7	22.03	22.00	22.11		
3	16QAM	15	0	21.93	21.93	21.91		
3	64QAM	1	0	21.97	22.20	22.11	22.8	2
3	64QAM	1	8	22.10	22.16	22.11		
3	64QAM	1	14	22.07	22.13	22.12		
3	64QAM	8	0	21.02	20.89	20.97	21.8	3
3	64QAM	8	4	20.98	20.98	21.07		
3	64QAM	8	7	20.94	21.01	21.04		
3	64QAM	15	0	20.94	20.97	20.91		
3	256QAM	1	0	18.77	18.98	18.84	19.8	5
3	256QAM	1	8	18.62	18.81	18.75		
3	256QAM	1	14	18.80	18.80	18.90		
3	256QAM	8	0	18.81	18.70	18.78	19.8	5
3	256QAM	8	4	18.51	18.80	18.78		
3	256QAM	8	7	18.82	18.81	18.92		
3	256QAM	15	0	18.69	18.80	18.59		
Channel				23017	23095	23173	Tune-up limit	MPR
Frequency (MHz)				699.7	707.5	715.3	(dBm)	(dB)
1.4	QPSK	1	0	23.84	23.83	23.89	24.8	0
1.4	QPSK	1	3	23.81	23.88	23.91		
1.4	QPSK	1	5	23.81	23.81	23.89		
1.4	QPSK	3	0	23.85	23.89	23.93		
1.4	QPSK	3	1	23.85	23.88	23.91		
1.4	QPSK	3	3	23.84	23.92	23.88		
1.4	QPSK	6	0	22.87	22.90	22.93	23.8	1
1.4	16QAM	1	0	23.17	23.22	23.26	23.8	1
1.4	16QAM	1	3	23.27	23.26	23.23		
1.4	16QAM	1	5	23.18	23.29	23.20		
1.4	16QAM	3	0	22.99	23.08	23.12		
1.4	16QAM	3	1	23.05	23.03	23.15		
1.4	16QAM	3	3	23.04	22.98	23.12		
1.4	16QAM	6	0	21.99	22.00	22.03	22.8	2
1.4	64QAM	1	0	22.18	21.99	22.11	22.8	2
1.4	64QAM	1	3	22.22	22.08	22.28		
1.4	64QAM	1	5	22.06	21.99	22.07		
1.4	64QAM	3	0	21.98	22.02	22.04		
1.4	64QAM	3	1	21.99	22.06	22.09		
1.4	64QAM	3	3	21.98	22.06	22.12		
1.4	64QAM	6	0	20.96	20.97	20.99	21.8	3
1.4	256QAM	1	0	18.77	18.93	18.80	19.8	5
1.4	256QAM	1	3	18.66	18.88	18.92		
1.4	256QAM	1	5	18.73	18.80	18.73		
1.4	256QAM	3	0	18.79	18.86	18.71		
1.4	256QAM	3	1	18.51	18.77	18.74		
1.4	256QAM	3	3	18.76	18.86	18.88		
1.4	256QAM	6	0	18.81	18.79	18.53	19.8	5

Band 13_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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.77		23.3	0
10	QPSK	1	25		22.63			
10	QPSK	1	49		22.67			
10	QPSK	25	0		22.63		23.3	0
10	QPSK	25	12		22.53			
10	QPSK	25	25		22.60			
10	QPSK	50	0		22.59			
10	16QAM	1	0		22.63		23.3	0
10	16QAM	1	25		22.49			
10	16QAM	1	49		22.70			
10	16QAM	25	0		21.79		22.3	1
10	16QAM	25	12		21.81			
10	16QAM	25	25		21.75			
10	16QAM	50	0		21.75			
10	64QAM	1	0		21.97		22.3	1
10	64QAM	1	25		22.06			
10	64QAM	1	49		22.00			
10	64QAM	25	0		20.80		21.3	2
10	64QAM	25	12		20.82			
10	64QAM	25	25		20.74			
10	64QAM	50	0		20.76			
10	256QAM	1	0		18.80		19.3	4
10	256QAM	1	25		18.77			
10	256QAM	1	49		18.75			
10	256QAM	25	0		18.70		19.3	4
10	256QAM	25	12		18.79			
10	256QAM	25	25		18.82			
10	256QAM	50	0		18.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.63	22.67	22.68	23.3	0
5	QPSK	1	12	22.52	22.60	22.62		
5	QPSK	1	24	22.59	22.67	22.54		
5	QPSK	12	0	22.60	22.55	22.54	23.3	0
5	QPSK	12	7	22.42	22.45	22.50		
5	QPSK	12	13	22.45	22.51	22.54		
5	QPSK	25	0	22.46	22.47	22.58		
5	16QAM	1	0	22.63	22.54	22.52	23.3	0
5	16QAM	1	12	22.48	22.43	22.37		
5	16QAM	1	24	22.69	22.59	22.62		
5	16QAM	12	0	21.78	21.83	21.81	22.3	1
5	16QAM	12	7	21.97	21.79	21.84		
5	16QAM	12	13	21.86	21.80	21.84		
5	16QAM	25	0	21.84	21.75	21.79		
5	64QAM	1	0	21.95	22.10	22.04	22.3	1
5	64QAM	1	12	22.07	22.19	21.93		
5	64QAM	1	24	22.08	22.15	22.02		
5	64QAM	12	0	20.84	20.79	20.81	21.3	2
5	64QAM	12	7	20.94	20.81	20.82		
5	64QAM	12	13	20.90	20.79	20.79		
5	64QAM	25	0	20.83	20.76	20.80		
5	256QAM	1	0	18.61	18.73	18.79	19.3	4
5	256QAM	1	12	18.58	18.58	18.65		
5	256QAM	1	24	18.75	18.75	18.69		
5	256QAM	12	0	18.68	18.55	18.64	19.3	4
5	256QAM	12	7	18.63	18.68	18.65		
5	256QAM	12	13	18.64	18.70	18.68		
5	256QAM	25	0	18.67	18.71	18.63		

Band 13_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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.95		24.8	0
10	QPSK	1	25		23.90			
10	QPSK	1	49		23.89			
10	QPSK	25	0		22.99		23.8	1
10	QPSK	25	12		22.97			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.95			
10	16QAM	1	0		23.20		23.8	1
10	16QAM	1	25		23.22			
10	16QAM	1	49		23.24			
10	16QAM	25	0		22.00		22.8	2
10	16QAM	25	12		21.99			
10	16QAM	25	25		21.96			
10	16QAM	50	0		21.97			
10	64QAM	1	0		22.15		22.8	2
10	64QAM	1	25		22.21			
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.01		21.8	3
10	64QAM	25	12		20.98			
10	64QAM	25	25		20.91			
10	64QAM	50	0		20.95			
10	256QAM	1	0		19.06		19.8	5
10	256QAM	1	25		19.02			
10	256QAM	1	49		19.00			
10	256QAM	25	0		18.95		19.8	5
10	256QAM	25	12		19.00			
10	256QAM	25	25		18.88			
10	256QAM	50	0		18.94			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.80	23.84	23.76	24.8	0
5	QPSK	1	12	23.88	23.91	23.83		
5	QPSK	1	24	23.85	23.81	23.68		
5	QPSK	12	0	22.82	22.81	22.86	23.8	1
5	QPSK	12	7	22.95	22.85	22.88		
5	QPSK	12	13	22.90	22.80	22.84		
5	QPSK	25	0	22.92	22.82	22.83		
5	16QAM	1	0	23.20	23.06	23.22	23.8	1
5	16QAM	1	12	23.30	23.25	23.27		
5	16QAM	1	24	23.22	23.14	23.06		
5	16QAM	12	0	21.85	21.86	21.90	22.8	2
5	16QAM	12	7	21.98	21.88	21.96		
5	16QAM	12	13	21.99	21.87	21.93		
5	16QAM	25	0	21.94	21.85	21.85		
5	64QAM	1	0	22.09	22.18	22.08	22.8	2
5	64QAM	1	12	22.19	22.16	22.02		
5	64QAM	1	24	22.17	22.08	22.06		
5	64QAM	12	0	20.86	20.86	20.91	21.8	3
5	64QAM	12	7	20.96	20.87	20.92		
5	64QAM	12	13	20.99	20.84	20.93		
5	64QAM	25	0	20.95	20.85	20.85		
5	256QAM	1	0	18.99	19.01	18.99	19.8	5
5	256QAM	1	12	19.00	19.00	18.87		
5	256QAM	1	24	18.85	18.99	18.86		
5	256QAM	12	0	18.81	18.84	18.81	19.8	5
5	256QAM	12	7	18.84	18.89	18.94		
5	256QAM	12	13	18.74	18.82	18.83		
5	256QAM	25	0	18.75	18.89	18.80		

Band 17_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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.00	22.11	21.96	22.8	0
10	QPSK	1	25	22.08	22.09	22.06		
10	QPSK	1	49	21.93	21.98	21.90		
10	QPSK	25	0	21.97	22.05	21.94	22.8	0
10	QPSK	25	12	21.84	21.99	21.93		
10	QPSK	25	25	21.99	22.00	21.94		
10	QPSK	50	0	21.86	21.97	21.89		
10	16QAM	1	0	21.91	22.00	21.99	22.8	0
10	16QAM	1	25	21.87	22.02	21.96		
10	16QAM	1	49	21.92	22.03	21.91		
10	16QAM	25	0	21.73	21.75	21.75	22.3	0.5
10	16QAM	25	12	21.86	21.81	21.81		
10	16QAM	25	25	21.84	21.84	21.86		
10	16QAM	50	0	21.79	21.75	21.76		
10	64QAM	1	0	21.67	21.76	21.71	22.3	0.5
10	64QAM	1	25	21.71	21.80	21.75		
10	64QAM	1	49	21.78	21.85	21.76		
10	64QAM	25	0	20.71	20.71	20.72	21.3	1.5
10	64QAM	25	12	20.81	20.77	20.79		
10	64QAM	25	25	20.77	20.83	20.85		
10	64QAM	50	0	20.81	20.72	20.73		
10	256QAM	1	0	18.71	18.75	18.70	19.3	3.5
10	256QAM	1	25	18.54	18.72	18.61		
10	256QAM	1	49	18.74	18.77	18.73		
10	256QAM	25	0	18.52	18.70	18.60	19.3	3.5
10	256QAM	25	12	18.63	18.79	18.71		
10	256QAM	25	25	18.80	18.80	18.79		
10	256QAM	50	0	18.66	18.74	18.61		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.90	21.99	21.94	22.8	0
5	QPSK	1	12	21.94	22.00	21.98		
5	QPSK	1	24	21.91	21.96	21.90		
5	QPSK	12	0	21.88	21.95	21.85	22.8	0
5	QPSK	12	7	21.80	21.99	21.87		
5	QPSK	12	13	21.95	21.88	21.92		
5	QPSK	25	0	21.83	21.87	21.89		
5	16QAM	1	0	21.84	21.92	21.97	22.8	0
5	16QAM	1	12	21.80	21.99	21.82		
5	16QAM	1	24	21.87	21.92	21.91		
5	16QAM	12	0	21.72	21.73	21.73	22.3	0.5
5	16QAM	12	7	21.83	21.79	21.89		
5	16QAM	12	13	21.80	21.86	21.84		
5	16QAM	25	0	21.77	21.72	21.77		
5	64QAM	1	0	22.07	21.96	21.93	22.3	0.5
5	64QAM	1	12	22.04	21.99	22.04		
5	64QAM	1	24	22.07	21.94	21.96		
5	64QAM	12	0	20.66	20.74	20.72	21.3	1.5
5	64QAM	12	7	20.80	20.79	20.88		
5	64QAM	12	13	20.76	20.82	20.83		
5	64QAM	25	0	20.77	20.72	20.70		
5	256QAM	1	0	18.55	18.59	18.70	19.3	3.5
5	256QAM	1	12	18.36	18.64	18.45		
5	256QAM	1	24	18.58	18.61	18.69		
5	256QAM	12	0	18.45	18.59	18.59	19.3	3.5
5	256QAM	12	7	18.50	18.68	18.58		
5	256QAM	12	13	18.66	18.74	18.61		
5	256QAM	25	0	18.50	18.56	18.59		

Band 17_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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.82	23.99	23.80	24.8	0
10	QPSK	1	25	23.80	23.85	23.76		
10	QPSK	1	49	23.77	23.92	23.75		
10	QPSK	25	0	22.89	22.99	22.97	23.8	1
10	QPSK	25	12	22.81	22.95	22.96		
10	QPSK	25	25	22.86	22.89	22.90		
10	QPSK	50	0	22.93	22.97	22.94		
10	16QAM	1	0	23.26	23.20	23.20	23.8	1
10	16QAM	1	25	23.25	23.11	23.30		
10	16QAM	1	49	23.27	23.26	23.23		
10	16QAM	25	0	21.88	21.89	21.92	22.8	2
10	16QAM	25	12	22.03	21.95	21.97		
10	16QAM	25	25	22.03	22.04	22.05		
10	16QAM	50	0	21.99	21.95	21.98		
10	64QAM	1	0	22.08	22.07	22.12	22.8	2
10	64QAM	1	25	22.09	22.10	22.27		
10	64QAM	1	49	22.14	22.27	22.27		
10	64QAM	25	0	20.87	20.88	21.00	21.8	3
10	64QAM	25	12	21.05	20.93	20.96		
10	64QAM	25	25	20.99	21.01	21.02		
10	64QAM	50	0	20.98	20.92	20.94		
10	256QAM	1	0	18.89	18.96	18.86	19.8	5
10	256QAM	1	25	18.89	18.92	18.87		
10	256QAM	1	49	18.87	18.88	18.72		
10	256QAM	25	0	18.84	18.84	18.71	19.8	5
10	256QAM	25	12	18.96	19.00	18.99		
10	256QAM	25	25	18.76	18.90	18.74		
10	256QAM	50	0	18.75	18.87	18.80		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.73	23.82	23.75	24.8	0
5	QPSK	1	12	23.85	23.88	23.85		
5	QPSK	1	24	23.79	23.78	23.81		
5	QPSK	12	0	22.78	22.77	22.80	23.8	1
5	QPSK	12	7	22.88	22.81	22.91		
5	QPSK	12	13	22.85	22.88	22.91		
5	QPSK	25	0	22.84	22.79	22.80		
5	16QAM	1	0	23.21	23.15	23.09	23.8	1
5	16QAM	1	12	23.27	23.27	23.30		
5	16QAM	1	24	23.13	23.02	23.29		
5	16QAM	12	0	21.82	21.84	21.83	22.8	2
5	16QAM	12	7	21.92	21.90	21.99		
5	16QAM	12	13	21.95	21.96	21.98		
5	16QAM	25	0	21.86	21.83	21.83		
5	64QAM	1	0	21.94	21.92	22.08	22.8	2
5	64QAM	1	12	22.02	22.07	22.19		
5	64QAM	1	24	22.05	22.05	22.02		
5	64QAM	12	0	20.77	20.81	20.90	21.8	3
5	64QAM	12	7	20.94	20.90	20.92		
5	64QAM	12	13	20.93	20.97	20.92		
5	64QAM	25	0	20.85	20.81	20.86		
5	256QAM	1	0	18.85	18.92	18.67	19.8	5
5	256QAM	1	12	18.81	18.82	18.85		
5	256QAM	1	24	18.70	18.80	18.72		
5	256QAM	12	0	18.68	18.68	18.55	19.8	5
5	256QAM	12	7	18.81	18.83	18.85		
5	256QAM	12	13	18.67	18.81	18.67		
5	256QAM	25	0	18.64	18.80	18.77		

Band 25_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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.92	19.15	18.95	19.9	0
20	QPSK	1	49	18.9	18.93	19.02		
20	QPSK	1	99	18.75	18.97	18.83		
20	QPSK	50	0	18.83	19.01	18.94	19.9	0
20	QPSK	50	24	18.82	18.88	18.87		
20	QPSK	50	50	18.73	18.92	18.87		
20	QPSK	100	0	18.73	18.97	18.92		
20	16QAM	1	0	18.76	18.99	18.81	19.9	0
20	16QAM	1	49	18.88	18.92	18.94		
20	16QAM	1	99	18.75	18.96	18.81		
20	16QAM	50	0	18.8	18.9	18.8	19.9	0
20	16QAM	50	24	18.81	18.85	18.83		
20	16QAM	50	50	18.86	18.86	18.81		
20	16QAM	100	0	18.83	18.91	18.91		
20	64QAM	1	0	18.85	18.89	18.9	19.9	0
20	64QAM	1	49	18.82	18.9	18.87		
20	64QAM	1	99	18.86	18.99	18.79		
20	64QAM	50	0	18.78	18.91	18.86	19.9	0
20	64QAM	50	24	18.75	18.85	18.91		
20	64QAM	50	50	18.76	18.86	18.8		
20	64QAM	100	0	18.88	18.98	18.92		
20	256QAM	1	0	17.40	17.56	17.55	18.4	1.5
20	256QAM	1	49	17.59	17.60	17.47		
20	256QAM	1	99	17.53	17.66	17.48		
20	256QAM	50	0	17.44	17.52	17.52	18.4	1.5
20	256QAM	50	24	17.47	17.59	17.54		
20	256QAM	50	50	17.48	17.50	17.49		
20	256QAM	100	0	17.39	17.58	17.47		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.86	18.97	18.82	19.9	0
15	QPSK	1	37	18.81	18.79	18.93		
15	QPSK	1	74	18.55	18.9	18.74		
15	QPSK	36	0	18.71	18.79	18.84	19.9	0
15	QPSK	36	20	18.65	18.81	18.79		
15	QPSK	36	39	18.62	18.77	18.78		
15	QPSK	75	0	18.62	18.8	18.75		
15	16QAM	1	0	18.7	18.91	18.62	19.9	0
15	16QAM	1	37	18.74	18.75	18.87		
15	16QAM	1	74	18.63	18.91	18.64		
15	16QAM	36	0	18.75	18.72	18.69	19.9	0
15	16QAM	36	20	18.65	18.78	18.73		
15	16QAM	36	39	18.71	18.7	18.72		
15	16QAM	75	0	18.66	18.84	18.85		
15	64QAM	1	0	18.8	18.76	18.73	19.9	0
15	64QAM	1	37	18.67	18.72	18.69		
15	64QAM	1	74	18.8	18.94	18.64		
15	64QAM	36	0	18.58	18.85	18.77	19.9	0
15	64QAM	36	20	18.6	18.69	18.75		
15	64QAM	36	39	18.67	18.8	18.69		
15	64QAM	75	0	18.79	18.87	18.85		
15	256QAM	1	0	17.21	17.56	17.36	18.4	1.5
15	256QAM	1	37	17.55	17.59	17.43		
15	256QAM	1	74	17.47	17.53	17.42		
15	256QAM	36	0	17.34	17.52	17.42	18.4	1.5
15	256QAM	36	20	17.30	17.40	17.37		
15	256QAM	36	39	17.47	17.45	17.48		
15	256QAM	75	0	17.36	17.45	17.44		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.72	19	18.81	19.9	0
10	QPSK	1	25	18.82	18.83	18.84		
10	QPSK	1	49	18.63	18.8	18.69		
10	QPSK	25	0	18.74	18.76	18.76	19.9	0
10	QPSK	25	12	18.7	18.76	18.72		
10	QPSK	25	25	18.68	18.74	18.71		
10	QPSK	50	0	18.62	18.82	18.77		
10	16QAM	1	0	18.6	18.92	18.76	19.9	0
10	16QAM	1	25	18.75	18.77	18.81		
10	16QAM	1	49	18.57	18.77	18.61		
10	16QAM	25	0	18.7	18.72	18.68	19.9	0
10	16QAM	25	12	18.76	18.7	18.74		
10	16QAM	25	25	18.76	18.8	18.62		
10	16QAM	50	0	18.63	18.79	18.72		
10	64QAM	1	0	18.8	18.81	18.83	19.9	0
10	64QAM	1	25	18.74	18.85	18.75		
10	64QAM	1	49	18.66	18.94	18.74		
10	64QAM	25	0	18.7	18.73	18.66	19.9	0
10	64QAM	25	12	18.61	18.76	18.85		
10	64QAM	25	25	18.64	18.81	18.66		
10	64QAM	50	0	18.75	18.84	18.78		
10	256QAM	1	0	17.35	17.55	17.50	18.4	1.5
10	256QAM	1	25	17.42	17.52	17.30		
10	256QAM	1	49	17.49	17.66	17.44		
10	256QAM	25	0	17.36	17.40	17.44	18.4	1.5
10	256QAM	25	12	17.46	17.59	17.53		
10	256QAM	25	25	17.42	17.43	17.43		
10	256QAM	50	0	17.22	17.44	17.30		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.73	19.1	18.89	19.9	0
5	QPSK	1	12	18.75	18.77	18.85		
5	QPSK	1	24	18.68	18.9	18.7		
5	QPSK	12	0	18.72	18.71	18.78	19.9	0
5	QPSK	12	7	18.66	18.73	18.76		
5	QPSK	12	13	18.62	18.77	18.74		
5	QPSK	25	0	18.57	18.92	18.85		
5	16QAM	1	0	18.69	18.87	18.75	19.9	0
5	16QAM	1	12	18.81	18.73	18.78		
5	16QAM	1	24	18.55	18.9	18.65		
5	16QAM	12	0	18.7	18.73	18.6	19.9	0
5	16QAM	12	7	18.69	18.68	18.78		
5	16QAM	12	13	18.74	18.79	18.75		
5	16QAM	25	0	18.75	18.76	18.74		
5	64QAM	1	0	18.68	18.73	18.79	19.9	0
5	64QAM	1	12	18.66	18.71	18.81		
5	64QAM	1	24	18.8	18.79	18.63		
5	64QAM	12	0	18.65	18.86	18.72	19.9	0
5	64QAM	12	7	18.63	18.77	18.73		
5	64QAM	12	13	18.66	18.75	18.71		
5	64QAM	25	0	18.81	18.86	18.8		
5	256QAM	1	0	17.34	17.53	17.49	18.4	1.5
5	256QAM	1	12	17.53	17.43	17.41		
5	256QAM	1	24	17.43	17.58	17.38		
5	256QAM	12	0	17.41	17.41	17.49	18.4	1.5
5	256QAM	12	7	17.29	17.47	17.36		
5	256QAM	12	13	17.41	17.40	17.42		
5	256QAM	25	0	17.31	17.58	17.39		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.80	19.03	18.86	19.9	0
3	QPSK	1	8	18.80	18.84	18.91		
3	QPSK	1	14	18.57	18.92	18.75		
3	QPSK	8	0	18.75	18.78	18.80	19.9	0
3	QPSK	8	4	18.62	18.75	18.70		
3	QPSK	8	7	18.65	18.84	18.71		
3	QPSK	15	0	18.59	18.92	18.84		
3	16QAM	1	0	18.70	18.87	18.70	19.9	0
3	16QAM	1	8	18.77	18.75	18.88		
3	16QAM	1	14	18.60	18.89	18.64		
3	16QAM	8	0	18.64	18.75	18.68	19.9	0
3	16QAM	8	4	18.66	18.68	18.70		
3	16QAM	8	7	18.78	18.80	18.69		
3	16QAM	15	0	18.72	18.76	18.71		
3	64QAM	1	0	18.80	18.71	18.76	19.9	0
3	64QAM	1	8	18.69	18.70	18.72		
3	64QAM	1	14	18.79	18.83	18.74		
3	64QAM	8	0	18.71	18.83	18.81	19.9	0
3	64QAM	8	4	18.69	18.73	18.85		
3	64QAM	8	7	18.71	18.74	18.65		
3	64QAM	15	0	18.68	18.88	18.80		
3	256QAM	1	0	17.26	17.55	17.41	18.4	1.5
3	256QAM	1	8	17.56	17.45	17.44		
3	256QAM	1	14	17.43	17.55	17.38		
3	256QAM	8	0	17.29	17.52	17.37	18.4	1.5
3	256QAM	8	4	17.47	17.47	17.54		
3	256QAM	8	7	17.36	17.41	17.37		
3	256QAM	15	0	17.36	17.47	17.44		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.77	19.02	18.86	19.9	0
1.4	QPSK	1	3	18.84	18.78	18.93		
1.4	QPSK	1	5	18.58	18.84	18.72		
1.4	QPSK	3	0	18.70	18.81	18.84		
1.4	QPSK	3	1	18.64	18.81	18.76		
1.4	QPSK	3	3	18.64	18.76	18.82		
1.4	QPSK	6	0	18.65	18.80	18.75	19.9	0
1.4	16QAM	1	0	18.67	18.86	18.65	19.9	0
1.4	16QAM	1	3	18.81	18.87	18.81		
1.4	16QAM	1	5	18.67	18.88	18.75		
1.4	16QAM	3	0	18.64	18.85	18.60		
1.4	16QAM	3	1	18.67	18.66	18.68		
1.4	16QAM	3	3	18.69	18.73	18.67		
1.4	16QAM	6	0	18.74	18.82	18.84	19.9	0
1.4	64QAM	1	0	18.66	18.74	18.80	19.9	0
1.4	64QAM	1	3	18.73	18.85	18.69		
1.4	64QAM	1	5	18.74	18.84	18.69		
1.4	64QAM	3	0	18.73	18.84	18.70		
1.4	64QAM	3	1	18.68	18.66	18.71		
1.4	64QAM	3	3	18.60	18.74	18.72		
1.4	64QAM	6	0	18.81	18.78	18.85	19.9	0
1.4	256QAM	1	0	17.26	17.53	17.41	18.4	1.5
1.4	256QAM	1	3	17.45	17.42	17.33		
1.4	256QAM	1	5	17.36	17.64	17.31		
1.4	256QAM	3	0	17.35	17.39	17.43		
1.4	256QAM	3	1	17.40	17.59	17.47		
1.4	256QAM	3	3	17.46	17.39	17.47		
1.4	256QAM	6	0	17.30	17.46	17.38	18.4	1.5

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.85	23.92	23.84	24.8	0
20	QPSK	1	49	23.83	23.77	23.81		
20	QPSK	1	99	23.69	23.65	23.75		
20	QPSK	50	0	22.96	22.98	22.90	23.8	1
20	QPSK	50	24	22.91	22.93	22.86		
20	QPSK	50	50	22.89	22.85	22.89		
20	QPSK	100	0	22.87	22.89	22.82		
20	16QAM	1	0	23.19	23.06	23.11	23.8	1
20	16QAM	1	49	23.42	23.13	23.15		
20	16QAM	1	99	23.07	23.02	22.95		
20	16QAM	50	0	22.01	21.88	21.84	22.8	2
20	16QAM	50	24	21.98	21.94	21.85		
20	16QAM	50	50	21.94	21.88	21.88		
20	16QAM	100	0	21.98	21.91	21.84		
20	64QAM	1	0	22.11	21.95	21.98	22.8	2
20	64QAM	1	49	22.14	22.06	22.19		
20	64QAM	1	99	21.93	21.86	21.91		
20	64QAM	50	0	21.01	20.86	20.83	21.8	3
20	64QAM	50	24	21.00	20.92	20.88		
20	64QAM	50	50	20.92	20.88	20.87		
20	64QAM	100	0	20.98	20.90	20.85		
20	256QAM	1	0	18.83	18.88	18.84	19.8	5
20	256QAM	1	49	18.64	18.80	18.78		
20	256QAM	1	99	18.64	18.75	18.59		
20	256QAM	50	0	18.74	18.77	18.59	19.8	5
20	256QAM	50	24	18.79	18.79	18.75		
20	256QAM	50	50	18.79	18.82	18.82		
20	256QAM	100	0	18.68	18.75	18.75		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.79	23.69	23.68	24.8	0
15	QPSK	1	37	23.80	23.58	23.74		
15	QPSK	1	74	23.69	23.55	23.58		
15	QPSK	36	0	22.97	22.77	22.70	23.8	1
15	QPSK	36	20	22.92	22.84	22.78		
15	QPSK	36	39	22.84	22.75	22.84		
15	QPSK	75	0	22.77	22.83	22.69		
15	16QAM	1	0	23.02	22.88	23.09	23.8	1
15	16QAM	1	37	23.26	22.98	22.96		
15	16QAM	1	74	23.07	23.00	22.86		
15	16QAM	36	0	21.95	21.79	21.78	22.8	2
15	16QAM	36	20	21.83	21.88	21.70		
15	16QAM	36	39	21.82	21.81	21.76		
15	16QAM	75	0	21.84	21.90	21.70		
15	64QAM	1	0	22.08	21.87	21.95	22.8	2
15	64QAM	1	37	22.08	22.00	22.13		
15	64QAM	1	74	21.93	21.86	21.91		
15	64QAM	36	0	20.88	20.68	20.70	21.8	3
15	64QAM	36	20	20.97	20.88	20.85		
15	64QAM	36	39	20.82	20.76	20.77		
15	64QAM	75	0	20.88	20.90	20.75		
15	256QAM	1	0	18.68	18.88	18.69	19.8	5
15	256QAM	1	37	18.59	18.64	18.73		
15	256QAM	1	74	18.49	18.65	18.44		
15	256QAM	36	0	18.57	18.70	18.42	19.8	5
15	256QAM	36	20	18.71	18.71	18.67		
15	256QAM	36	39	18.73	18.78	18.76		
15	256QAM	75	0	18.50	18.65	18.57		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.75	23.70	23.68	24.8	0
10	QPSK	1	25	23.65	23.66	23.64		
10	QPSK	1	49	23.63	23.53	23.62		
10	QPSK	25	0	22.92	22.83	22.69	23.8	1
10	QPSK	25	12	22.94	22.86	22.81		
10	QPSK	25	25	22.79	22.76	22.72		
10	QPSK	50	0	22.94	22.75	22.73		
10	16QAM	1	0	23.06	22.99	23.02	23.8	1
10	16QAM	1	25	23.23	23.06	23.15		
10	16QAM	1	49	22.98	23.00	22.83		
10	16QAM	25	0	21.99	21.87	21.82	22.8	2
10	16QAM	25	12	21.89	21.75	21.76		
10	16QAM	25	25	21.93	21.85	21.87		
10	16QAM	50	0	21.81	21.73	21.67		
10	64QAM	1	0	21.94	21.81	21.81	22.8	2
10	64QAM	1	25	22.06	21.88	22.11		
10	64QAM	1	49	21.87	21.76	21.85		
10	64QAM	25	0	20.90	20.82	20.72	21.8	3
10	64QAM	25	12	20.83	20.89	20.71		
10	64QAM	25	25	20.83	20.74	20.78		
10	64QAM	50	0	20.83	20.74	20.70		
10	256QAM	1	0	18.76	18.79	18.77	19.8	5
10	256QAM	1	25	18.48	18.66	18.62		
10	256QAM	1	49	18.51	18.60	18.46		
10	256QAM	25	0	18.67	18.61	18.52	19.8	5
10	256QAM	25	12	18.74	18.79	18.70		
10	256QAM	25	25	18.60	18.75	18.63		
10	256QAM	50	0	18.58	18.70	18.65		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.73	23.70	23.84	24.8	0
5	QPSK	1	12	23.67	23.75	23.78		
5	QPSK	1	24	23.52	23.50	23.62		
5	QPSK	12	0	22.98	22.79	22.75	23.8	1
5	QPSK	12	7	22.85	22.93	22.76		
5	QPSK	12	13	22.88	22.68	22.85		
5	QPSK	25	0	22.76	22.82	22.77		
5	16QAM	1	0	23.01	22.87	22.98	23.8	1
5	16QAM	1	12	23.28	23.04	23.15		
5	16QAM	1	24	23.00	23.02	22.83		
5	16QAM	12	0	21.94	21.85	21.77	22.8	2
5	16QAM	12	7	21.94	21.91	21.81		
5	16QAM	12	13	21.75	21.81	21.69		
5	16QAM	25	0	21.89	21.79	21.75		
5	64QAM	1	0	21.98	21.86	21.85	22.8	2
5	64QAM	1	12	22.03	21.88	22.08		
5	64QAM	1	24	21.77	21.68	21.75		
5	64QAM	12	0	20.87	20.76	20.69	21.8	3
5	64QAM	12	7	20.98	20.87	20.86		
5	64QAM	12	13	20.89	20.74	20.84		
5	64QAM	25	0	20.98	20.77	20.85		
5	256QAM	1	0	18.73	18.69	18.74	19.8	5
5	256QAM	1	12	18.64	18.74	18.78		
5	256QAM	1	24	18.64	18.59	18.59		
5	256QAM	12	0	18.67	18.66	18.52	19.8	5
5	256QAM	12	7	18.72	18.75	18.68		
5	256QAM	12	13	18.60	18.67	18.63		
5	256QAM	25	0	18.66	18.71	18.73		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.77	23.79	23.74	24.8	0
3	QPSK	1	8	23.81	23.74	23.78		
3	QPSK	1	14	23.65	23.49	23.65		
3	QPSK	8	0	22.91	22.68	22.70	23.8	1
3	QPSK	8	4	22.97	22.86	22.77		
3	QPSK	8	7	22.83	22.84	22.72		
3	QPSK	15	0	22.88	22.84	22.63		
3	16QAM	1	0	23.01	22.97	23.05	23.8	1
3	16QAM	1	8	23.11	23.01	22.96		
3	16QAM	1	14	23.02	22.93	22.87		
3	16QAM	8	0	21.90	21.82	21.73	22.8	2
3	16QAM	8	4	21.79	21.78	21.66		
3	16QAM	8	7	21.92	21.84	21.86		
3	16QAM	15	0	21.84	21.89	21.70		
3	64QAM	1	0	22.06	21.83	21.93	22.8	2
3	64QAM	1	8	22.08	22.03	22.13		
3	64QAM	1	14	21.91	21.77	21.89		
3	64QAM	8	0	21.01	20.71	20.83	21.8	3
3	64QAM	8	4	20.83	20.78	20.71		
3	64QAM	8	7	20.92	20.74	20.87		
3	64QAM	15	0	20.88	20.81	20.75		
3	256QAM	1	0	18.64	18.71	18.65	19.8	5
3	256QAM	1	8	18.49	18.66	18.63		
3	256QAM	1	14	18.64	18.64	18.59		
3	256QAM	8	0	18.63	18.68	18.48	19.8	5
3	256QAM	8	4	18.74	18.70	18.70		
3	256QAM	8	7	18.65	18.69	18.68		
3	256QAM	15	0	18.61	18.72	18.68		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.85	23.79	23.72	24.8	0
1.4	QPSK	1	3	23.68	23.77	23.64		
1.4	QPSK	1	5	23.52	23.49	23.66		
1.4	QPSK	3	0	23.75	23.62	23.66		
1.4	QPSK	3	1	23.66	23.72	23.59		
1.4	QPSK	3	3	23.82	23.73	23.53		
1.4	QPSK	6	0	22.87	22.88	22.66	23.8	1
1.4	16QAM	1	0	23.00	22.99	22.97	23.8	1
1.4	16QAM	1	3	23.25	23.02	23.13		
1.4	16QAM	1	5	23.01	22.91	22.93		
1.4	16QAM	3	0	23.23	22.86	23.08		
1.4	16QAM	3	1	23.14	23.00	23.06		
1.4	16QAM	3	3	23.17	22.91	22.99		
1.4	16QAM	6	0	21.79	21.86	21.65	22.8	2
1.4	64QAM	1	0	22.11	21.86	21.98	22.8	2
1.4	64QAM	1	3	22.10	21.95	22.15		
1.4	64QAM	1	5	21.89	21.84	21.87		
1.4	64QAM	3	0	22.10	21.68	21.86		
1.4	64QAM	3	1	22.10	21.77	21.79		
1.4	64QAM	3	3	21.94	21.82	21.86		
1.4	64QAM	6	0	20.81	20.85	20.68	21.8	3
1.4	256QAM	1	0	18.78	18.77	18.79	19.8	5
1.4	256QAM	1	3	18.52	18.73	18.66		
1.4	256QAM	1	5	18.62	18.75	18.57		
1.4	256QAM	3	0	18.62	18.62	18.47		
1.4	256QAM	3	1	18.79	18.61	18.59		
1.4	256QAM	3	3	18.66	18.74	18.69		
1.4	256QAM	6	0	18.57	18.65	18.64	19.8	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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.27	15.29	15.25	16.3	0
20	QPSK	1	49	15.03	15.18	15.09		
20	QPSK	1	99	15.27	15.27	15.27		
20	QPSK	50	0	15.17	15.23	15.17	16.3	0
20	QPSK	50	24	15.13	15.14	15.01		
20	QPSK	50	50	15.14	15.18	15.03		
20	QPSK	100	0	15.03	15.17	15.04		
20	16QAM	1	0	15.01	15.11	15.01	16.3	0
20	16QAM	1	49	15.18	15.19	15.14		
20	16QAM	1	99	15.26	15.23	15.17		
20	16QAM	50	0	15.27	15.27	15.27	16.3	0
20	16QAM	50	24	15.05	15.16	15.10		
20	16QAM	50	50	15.21	15.21	15.18		
20	16QAM	100	0	15.07	15.21	15.07		
20	64QAM	1	0	15.21	15.24	15.13	16.3	0
20	64QAM	1	49	15.19	15.25	15.20		
20	64QAM	1	99	15.04	15.18	15.04		
20	64QAM	50	0	15.03	15.14	15.03	16.3	0
20	64QAM	50	24	15.10	15.21	15.17		
20	64QAM	50	50	15.14	15.27	15.18		
20	64QAM	100	0	15.10	15.21	15.08		
20	256QAM	1	0	15.10	15.19	15.05	16.3	0
20	256QAM	1	49	15.09	15.16	15.04		
20	256QAM	1	99	15.16	15.26	15.19		
20	256QAM	50	0	15.22	15.27	15.12	16.3	0
20	256QAM	50	24	15.18	15.20	15.13		
20	256QAM	50	50	15.21	15.26	15.24		
20	256QAM	100	0	15.07	15.21	15.16		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.18	15.24	15.15	16.3	0
15	QPSK	1	37	14.97	15.06	14.97		
15	QPSK	1	74	15.16	15.27	15.17		
15	QPSK	36	0	15.05	15.15	15.09	16.3	0
15	QPSK	36	20	15.00	15.06	14.88		
15	QPSK	36	39	15.08	15.14	14.96		
15	QPSK	75	0	14.92	15.10	14.91		
15	16QAM	1	0	14.89	15.02	14.98	16.3	0
15	16QAM	1	37	15.16	15.14	15.11		
15	16QAM	1	74	15.18	15.12	15.06		
15	16QAM	36	0	15.26	15.16	15.26	16.3	0
15	16QAM	36	20	14.97	15.05	15.08		
15	16QAM	36	39	15.20	15.08	15.09		
15	16QAM	75	0	14.97	15.14	15.02		
15	64QAM	1	0	15.18	15.13	15.09	16.3	0
15	64QAM	1	37	15.13	15.12	15.20		
15	64QAM	1	74	14.97	15.15	14.89		
15	64QAM	36	0	15.03	15.01	14.91	16.3	0
15	64QAM	36	20	15.06	15.06	15.10		
15	64QAM	36	39	15.04	15.12	15.08		
15	64QAM	75	0	14.97	15.15	14.95		
15	256QAM	1	0	14.98	15.11	15.05	16.3	0
15	256QAM	1	37	15.02	15.13	15.04		
15	256QAM	1	74	15.16	15.22	15.05		
15	256QAM	36	0	15.11	15.12	14.97	16.3	0
15	256QAM	36	20	15.12	15.10	15.06		
15	256QAM	36	39	15.19	15.12	15.20		
15	256QAM	75	0	15.02	15.19	15.09		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.17	15.27	15.20	16.3	0
10	QPSK	1	25	15.00	15.06	15.05		
10	QPSK	1	49	15.19	15.17	15.17		
10	QPSK	25	0	15.16	15.11	15.06	16.3	0
10	QPSK	25	12	14.99	15.11	14.89		
10	QPSK	25	25	15.04	15.14	14.89		
10	QPSK	50	0	14.89	15.05	15.04		
10	16QAM	1	0	15.00	15.08	14.98	16.3	0
10	16QAM	1	25	15.12	15.05	15.06		
10	16QAM	1	49	15.20	15.22	15.10		
10	16QAM	25	0	15.21	15.27	15.23	16.3	0
10	16QAM	25	12	15.02	15.16	14.95		
10	16QAM	25	25	15.20	15.09	15.05		
10	16QAM	50	0	15.00	15.13	15.05		
10	64QAM	1	0	15.08	15.21	14.98	16.3	0
10	64QAM	1	25	15.04	15.22	15.06		
10	64QAM	1	49	14.91	15.11	14.95		
10	64QAM	25	0	14.99	15.12	14.97	16.3	0
10	64QAM	25	12	15.05	15.18	15.10		
10	64QAM	25	25	15.07	15.20	15.10		
10	64QAM	50	0	15.06	15.09	14.97		
10	256QAM	1	0	15.06	15.17	14.98	16.3	0
10	256QAM	1	25	15.05	15.14	14.91		
10	256QAM	1	49	15.16	15.20	15.15		
10	256QAM	25	0	15.20	15.27	15.04	16.3	0
10	256QAM	25	12	15.04	15.19	15.08		
10	256QAM	25	25	15.20	15.20	15.10		
10	256QAM	50	0	15.00	15.14	15.07		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.12	15.20	15.14	16.3	0
5	QPSK	1	12	15.01	15.13	15.01		
5	QPSK	1	24	15.13	15.14	15.26		
5	QPSK	12	0	15.03	15.09	15.16	16.3	0
5	QPSK	12	7	14.98	15.02	15.00		
5	QPSK	12	13	15.10	15.12	14.99		
5	QPSK	25	0	14.94	15.12	14.97		
5	16QAM	1	0	14.95	15.08	14.97	16.3	0
5	16QAM	1	12	15.04	15.07	14.99		
5	16QAM	1	24	15.21	15.11	15.10		
5	16QAM	12	0	15.18	15.27	15.22	16.3	0
5	16QAM	12	7	14.93	15.02	15.07		
5	16QAM	12	13	15.13	15.07	15.13		
5	16QAM	25	0	15.06	15.14	14.99		
5	64QAM	1	0	15.11	15.20	15.04	16.3	0
5	64QAM	1	12	15.07	15.15	15.11		
5	64QAM	1	24	14.97	15.14	14.96		
5	64QAM	12	0	14.90	15.01	14.97	16.3	0
5	64QAM	12	7	15.01	15.15	15.07		
5	64QAM	12	13	15.13	15.20	15.07		
5	64QAM	25	0	14.96	15.18	14.99		
5	256QAM	1	0	15.03	15.06	14.90	16.3	0
5	256QAM	1	12	15.00	15.06	14.99		
5	256QAM	1	24	15.16	15.25	15.15		
5	256QAM	12	0	15.20	15.15	15.11	16.3	0
5	256QAM	12	7	15.09	15.18	15.04		
5	256QAM	12	13	15.06	15.16	15.16		
5	256QAM	25	0	15.04	15.08	15.15		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.12	15.21	15.25	16.3	0
3	QPSK	1	8	14.88	15.03	15.01		
3	QPSK	1	14	15.24	15.27	15.26		
3	QPSK	8	0	15.06	15.19	15.17	16.3	0
3	QPSK	8	4	15.00	15.00	14.89		
3	QPSK	8	7	15.10	15.16	14.98		
3	QPSK	15	0	15.02	15.03	15.04		
3	16QAM	1	0	14.89	15.02	14.96	16.3	0
3	16QAM	1	8	15.18	15.09	15.09		
3	16QAM	1	14	15.24	15.17	15.15		
3	16QAM	8	0	15.20	15.18	15.13	16.3	0
3	16QAM	8	4	14.99	15.12	15.09		
3	16QAM	8	7	15.11	15.09	15.15		
3	16QAM	15	0	14.99	15.08	14.95		
3	64QAM	1	0	15.09	15.14	14.99	16.3	0
3	64QAM	1	8	15.08	15.23	15.20		
3	64QAM	1	14	14.94	15.11	14.95		
3	64QAM	8	0	14.99	15.05	14.97	16.3	0
3	64QAM	8	4	15.00	15.11	15.06		
3	64QAM	8	7	15.01	15.19	15.14		
3	64QAM	15	0	15.02	15.17	15.08		
3	256QAM	1	0	15.02	15.08	15.05	16.3	0
3	256QAM	1	8	15.01	15.16	15.00		
3	256QAM	1	14	15.04	15.13	15.06		
3	256QAM	8	0	15.12	15.27	15.05	16.3	0
3	256QAM	8	4	15.17	15.10	15.00		
3	256QAM	8	7	15.11	15.20	15.20		
3	256QAM	15	0	14.92	15.15	15.16		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	15.25	15.27	15.23	16.3	0
1.4	QPSK	1	3	15.02	15.18	14.98		
1.4	QPSK	1	5	15.13	15.13	15.25		
1.4	QPSK	3	0	15.14	15.23	15.11		
1.4	QPSK	3	1	15.06	15.08	14.95		
1.4	QPSK	3	3	15.12	15.17	15.02		
1.4	QPSK	6	0	14.98	15.03	15.00	16.3	0
1.4	16QAM	1	0	15.00	14.98	14.95	16.3	0
1.4	16QAM	1	3	15.16	15.19	15.06		
1.4	16QAM	1	5	15.21	15.11	15.07		
1.4	16QAM	3	0	15.13	15.27	15.19		
1.4	16QAM	3	1	14.91	15.15	14.98		
1.4	16QAM	3	3	15.06	15.21	15.15		
1.4	16QAM	6	0	15.02	15.16	15.03	16.3	0
1.4	64QAM	1	0	15.12	15.09	15.06	16.3	0
1.4	64QAM	1	3	15.14	15.14	15.13		
1.4	64QAM	1	5	14.92	15.11	14.95		
1.4	64QAM	3	0	15.02	15.02	14.97		
1.4	64QAM	3	1	15.05	15.20	15.17		
1.4	64QAM	3	3	15.08	15.14	15.07		
1.4	64QAM	6	0	15.03	15.08	14.97	16.3	0
1.4	256QAM	1	0	14.96	15.14	15.02	16.3	0
1.4	256QAM	1	3	15.04	15.11	14.89		
1.4	256QAM	1	5	15.05	15.26	15.11		
1.4	256QAM	3	0	15.21	15.16	15.08		
1.4	256QAM	3	1	15.14	15.11	15.12		
1.4	256QAM	3	3	15.06	15.22	15.23		
1.4	256QAM	6	0	14.93	15.17	15.07	16.3	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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.09	20.21	20.08	21.2	0
20	QPSK	1	49	19.97	20.13	20.04		
20	QPSK	1	99	19.91	20.09	19.96		
20	QPSK	50	0	19.91	20.11	19.96	21.2	0
20	QPSK	50	24	19.94	20.02	19.84		
20	QPSK	50	50	19.93	20.04	19.89		
20	QPSK	100	0	19.90	20.10	20.02		
20	16QAM	1	0	20.04	20.17	20.04	21.2	0
20	16QAM	1	49	19.90	20.07	19.90		
20	16QAM	1	99	19.90	20.05	19.85		
20	16QAM	50	0	19.91	20.10	19.94	21.2	0
20	16QAM	50	24	20.04	20.13	19.98		
20	16QAM	50	50	19.84	20.02	19.86		
20	16QAM	100	0	19.96	20.08	19.93		
20	64QAM	1	0	20.01	20.09	19.98	21.2	0
20	64QAM	1	49	19.83	20.03	19.87		
20	64QAM	1	99	19.95	20.04	19.98		
20	64QAM	50	0	18.96	19.05	18.88	20.2	1
20	64QAM	50	24	18.81	19.00	18.98		
20	64QAM	50	50	18.92	19.08	19.03		
20	64QAM	100	0	18.99	19.02	18.83		
20	256QAM	1	0	16.96	17.15	16.98	18.2	3
20	256QAM	1	49	17.02	17.12	17.00		
20	256QAM	1	99	17.06	17.06	17.01		
20	256QAM	50	0	17.00	17.09	17.04	18.2	3
20	256QAM	50	24	17.07	17.10	17.05		
20	256QAM	50	50	16.96	17.15	17.02		
20	256QAM	100	0	16.97	17.05	16.90		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.97	20.02	19.89	21.2	0
15	QPSK	1	37	19.82	19.94	19.86		
15	QPSK	1	74	19.76	19.96	19.82		
15	QPSK	36	0	19.86	19.93	19.89	21.2	0
15	QPSK	36	20	19.74	19.83	19.64		
15	QPSK	36	39	19.87	19.92	19.74		
15	QPSK	75	0	19.70	19.94	19.85		
15	16QAM	1	0	19.87	19.99	19.86	21.2	0
15	16QAM	1	37	19.81	19.93	19.75		
15	16QAM	1	74	19.74	19.92	19.67		
15	16QAM	36	0	19.86	19.93	19.86	21.2	0
15	16QAM	36	20	19.88	19.94	19.86		
15	16QAM	36	39	19.70	19.82	19.66		
15	16QAM	75	0	19.76	19.91	19.88		
15	64QAM	1	0	19.83	20.04	19.92	21.2	0
15	64QAM	1	37	19.66	19.85	19.80		
15	64QAM	1	74	19.80	19.96	19.79		
15	64QAM	36	0	18.94	19.01	18.86	20.2	1
15	64QAM	36	20	18.74	18.96	18.91		
15	64QAM	36	39	18.91	19.05	19.02		
15	64QAM	75	0	18.90	18.88	18.74		
15	256QAM	1	0	16.96	17.15	16.98	18.2	3
15	256QAM	1	37	16.92	17.01	16.90		
15	256QAM	1	74	16.88	17.01	16.83		
15	256QAM	36	0	16.84	16.94	16.88	18.2	3
15	256QAM	36	20	16.94	16.96	16.92		
15	256QAM	36	39	16.81	17.02	16.87		
15	256QAM	75	0	16.84	16.87	16.77		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.03	20.02	19.89	21.2	0
10	QPSK	1	25	19.90	20.02	19.85		
10	QPSK	1	49	19.85	20.01	19.90		
10	QPSK	25	0	19.81	19.97	19.80	21.2	0
10	QPSK	25	12	19.76	19.94	19.75		
10	QPSK	25	25	19.87	19.98	19.81		
10	QPSK	50	0	19.74	19.97	19.95		
10	16QAM	1	0	19.89	20.11	19.90	21.2	0
10	16QAM	1	25	19.78	19.96	19.70		
10	16QAM	1	49	19.83	19.89	19.78		
10	16QAM	25	0	19.83	19.94	19.80	21.2	0
10	16QAM	25	12	19.99	20.03	19.88		
10	16QAM	25	25	19.66	19.96	19.69		
10	16QAM	50	0	19.87	20.01	19.74		
10	64QAM	1	0	19.83	20.02	19.84	21.2	0
10	64QAM	1	25	19.68	19.97	19.77		
10	64QAM	1	49	19.90	19.86	19.88		
10	64QAM	25	0	18.83	18.86	18.75	20.2	1
10	64QAM	25	12	18.72	18.81	18.89		
10	64QAM	25	25	18.90	18.89	19.01		
10	64QAM	50	0	18.88	18.86	18.72		
10	256QAM	1	0	16.96	16.99	16.98	18.2	3
10	256QAM	1	25	16.85	16.93	16.83		
10	256QAM	1	49	16.97	16.98	16.92		
10	256QAM	25	0	16.94	17.00	16.98	18.2	3
10	256QAM	25	12	16.89	16.99	16.87		
10	256QAM	25	25	16.87	17.13	16.93		
10	256QAM	50	0	16.82	16.99	16.75		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.93	20.09	19.98	21.2	0
5	QPSK	1	12	19.83	20.06	19.86		
5	QPSK	1	24	19.79	19.89	19.85		
5	QPSK	12	0	19.74	19.96	19.88	21.2	0
5	QPSK	12	7	19.85	19.90	19.79		
5	QPSK	12	13	19.85	19.92	19.82		
5	QPSK	25	0	19.72	19.97	19.91		
5	16QAM	1	0	19.97	20.01	19.90	21.2	0
5	16QAM	1	12	19.74	19.93	19.75		
5	16QAM	1	24	19.85	19.96	19.72		
5	16QAM	12	0	19.84	19.96	19.74	21.2	0
5	16QAM	12	7	19.93	20.01	19.89		
5	16QAM	12	13	19.75	19.89	19.67		
5	16QAM	25	0	19.79	19.97	19.78		
5	64QAM	1	0	19.83	19.96	19.89	21.2	0
5	64QAM	1	12	19.71	19.89	19.76		
5	64QAM	1	24	19.77	19.87	19.90		
5	64QAM	12	0	18.79	19.04	18.71	20.2	1
5	64QAM	12	7	18.74	18.95	18.91		
5	64QAM	12	13	18.85	19.00	18.96		
5	64QAM	25	0	18.99	19.00	18.83		
5	256QAM	1	0	16.91	16.99	16.93	18.2	3
5	256QAM	1	12	17.01	17.11	16.99		
5	256QAM	1	24	16.87	17.06	16.82		
5	256QAM	12	0	16.81	17.02	16.85	18.2	3
5	256QAM	12	7	16.89	17.01	16.87		
5	256QAM	12	13	16.92	17.04	16.98		
5	256QAM	25	0	16.90	17.03	16.83		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.00	20.14	19.93	21.2	0
3	QPSK	1	8	19.81	19.96	19.87		
3	QPSK	1	14	19.85	19.93	19.83		
3	QPSK	8	0	19.73	19.99	19.77	21.2	0
3	QPSK	8	4	19.86	19.88	19.69		
3	QPSK	8	7	19.73	19.89	19.75		
3	QPSK	15	0	19.84	20.04	19.96		
3	16QAM	1	0	19.94	19.98	19.88	21.2	0
3	16QAM	1	8	19.84	19.92	19.81		
3	16QAM	1	14	19.85	19.96	19.78		
3	16QAM	8	0	19.77	19.92	19.76	21.2	0
3	16QAM	8	4	19.97	20.05	19.81		
3	16QAM	8	7	19.77	19.88	19.81		
3	16QAM	15	0	19.83	19.97	19.85		
3	64QAM	1	0	19.87	19.98	19.84	21.2	0
3	64QAM	1	8	19.71	19.89	19.71		
3	64QAM	1	14	19.86	19.85	19.86		
3	64QAM	8	0	18.92	18.98	18.84	20.2	1
3	64QAM	8	4	18.68	19.00	18.85		
3	64QAM	8	7	18.82	19.06	18.93		
3	64QAM	15	0	18.92	18.90	18.76		
3	256QAM	1	0	16.77	17.06	16.79	18.2	3
3	256QAM	1	8	16.95	16.94	16.93		
3	256QAM	1	14	17.01	16.93	16.96		
3	256QAM	8	0	16.88	17.06	16.92	18.2	3
3	256QAM	8	4	17.03	16.96	17.01		
3	256QAM	8	7	16.82	17.11	16.88		
3	256QAM	15	0	16.86	16.99	16.79		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.98	20.08	19.88	21.2	0
1.4	QPSK	1	3	19.86	20.04	19.96		
1.4	QPSK	1	5	19.79	19.91	19.81		
1.4	QPSK	3	0	19.91	20.13	19.89		
1.4	QPSK	3	1	19.80	19.96	19.96		
1.4	QPSK	3	3	19.75	19.89	19.83		
1.4	QPSK	6	0	19.77	20.04	19.91	21.2	0
1.4	16QAM	1	0	19.88	19.97	19.66	21.2	0
1.4	16QAM	1	3	19.86	19.89	19.82		
1.4	16QAM	1	5	19.75	19.96	19.84		
1.4	16QAM	3	0	19.84	20.03	19.99		
1.4	16QAM	3	1	19.70	20.02	19.84		
1.4	16QAM	3	3	19.70	19.97	19.68		
1.4	16QAM	6	0	19.77	19.98	19.87	21.2	0
1.4	64QAM	1	0	19.89	20.04	19.84	21.2	0
1.4	64QAM	1	3	19.78	19.89	19.79		
1.4	64QAM	1	5	19.90	20.01	19.87		
1.4	64QAM	3	0	19.92	19.92	19.86		
1.4	64QAM	3	1	19.72	19.83	19.81		
1.4	64QAM	3	3	19.81	19.87	19.79		
1.4	64QAM	6	0	18.87	18.94	18.71	20.2	1
1.4	256QAM	1	0	16.85	17.14	16.87	18.2	3
1.4	256QAM	1	3	16.90	17.05	16.88		
1.4	256QAM	1	5	16.93	17.01	16.88		
1.4	256QAM	3	0	16.86	17.01	16.90		
1.4	256QAM	3	1	17.00	17.01	16.98		
1.4	256QAM	3	3	16.81	17.01	16.87		
1.4	256QAM	6	0	16.86	16.98	16.79	18.2	3

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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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.29	22.30	22.15	22.8	0
15	QPSK	1	37	22.11	22.24	22.16		
15	QPSK	1	74	22.14	22.21	22.10		
15	QPSK	36	0	22.19	22.26	22.13	22.8	0
15	QPSK	36	20	22.09	22.19	22.04		
15	QPSK	36	39	22.14	22.24	22.17		
15	QPSK	75	0	22.09	22.20	22.13		
15	16QAM	1	0	22.13	22.26	22.13	22.8	0
15	16QAM	1	37	22.13	22.18	22.07		
15	16QAM	1	74	22.16	22.22	22.18		
15	16QAM	36	0	21.71	21.72	21.66	22.3	0.5
15	16QAM	36	20	21.79	21.71	21.68		
15	16QAM	36	39	21.79	21.75	21.68		
15	16QAM	75	0	21.79	21.67	21.69		
15	64QAM	1	0	21.80	21.85	21.80	22.3	0.5
15	64QAM	1	37	21.85	21.76	21.77		
15	64QAM	1	74	21.84	21.74	21.60		
15	64QAM	36	0	20.74	20.73	20.65	21.3	1.5
15	64QAM	36	20	20.76	20.67	20.70		
15	64QAM	36	39	20.73	20.73	20.66		
15	64QAM	75	0	20.77	20.69	20.69		
15	256QAM	1	0	18.62	18.77	18.71	19.3	3.5
15	256QAM	1	37	18.54	18.70	18.65		
15	256QAM	1	74	18.70	18.80	18.68		
15	256QAM	36	0	18.70	18.75	18.66	19.3	3.5
15	256QAM	36	20	18.59	18.69	18.62		
15	256QAM	36	39	18.72	18.74	18.59		
15	256QAM	75	0	18.63	18.79	18.74		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.20	22.29	22.23	22.8	0
10	QPSK	1	25	22.10	22.20	22.24		
10	QPSK	1	49	22.06	22.12	22.09		
10	QPSK	25	0	22.15	22.13	22.22	22.8	0
10	QPSK	25	12	22.06	22.15	22.12		
10	QPSK	25	25	22.11	22.09	22.17		
10	QPSK	50	0	22.18	22.17	22.08		
10	16QAM	1	0	22.15	22.23	22.26	22.8	0
10	16QAM	1	25	22.15	22.05	22.12		
10	16QAM	1	49	22.19	22.16	22.20		
10	16QAM	25	0	21.83	21.84	21.76	22.3	0.5
10	16QAM	25	12	21.93	21.88	21.87		
10	16QAM	25	25	21.89	21.90	21.83		
10	16QAM	50	0	21.86	21.82	21.81		
10	64QAM	1	0	21.99	22.04	22.05	22.3	0.5
10	64QAM	1	25	22.07	22.02	21.79		
10	64QAM	1	49	21.92	21.83	21.79		
10	64QAM	25	0	20.81	20.86	20.76	21.3	1.5
10	64QAM	25	12	20.87	20.87	20.85		
10	64QAM	25	25	20.86	20.91	20.80		
10	64QAM	50	0	20.87	20.82	20.84		
10	256QAM	1	0	18.45	18.68	18.70	19.3	3.5
10	256QAM	1	25	18.51	18.64	18.63		
10	256QAM	1	49	18.60	18.79	18.49		
10	256QAM	25	0	18.51	18.63	18.63	19.3	3.5
10	256QAM	25	12	18.53	18.53	18.61		
10	256QAM	25	25	18.59	18.58	18.45		
10	256QAM	50	0	18.46	18.79	18.60		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.17	22.21	22.17	22.8	0
5	QPSK	1	12	22.10	22.12	22.16		
5	QPSK	1	24	22.14	22.08	22.17		
5	QPSK	12	0	22.11	22.22	22.24	22.8	0
5	QPSK	12	7	22.12	22.05	22.10		
5	QPSK	12	13	22.09	22.11	22.11		
5	QPSK	25	0	22.11	22.12	22.17		
5	16QAM	1	0	22.12	22.18	22.26	22.8	0
5	16QAM	1	12	22.06	22.10	22.08		
5	16QAM	1	24	22.08	22.22	22.20		
5	16QAM	12	0	21.86	21.84	21.73	22.3	0.5
5	16QAM	12	7	21.92	21.88	21.79		
5	16QAM	12	13	21.87	21.92	21.86		
5	16QAM	25	0	21.89	21.83	21.75		
5	64QAM	1	0	22.07	22.05	21.89	22.3	0.5
5	64QAM	1	12	22.00	22.09	22.00		
5	64QAM	1	24	21.94	22.02	21.82		
5	64QAM	12	0	20.82	20.84	20.69	21.3	1.5
5	64QAM	12	7	20.93	20.89	20.75		
5	64QAM	12	13	20.90	20.89	20.75		
5	64QAM	25	0	20.84	20.83	20.70		
5	256QAM	1	0	18.49	18.75	18.58	19.3	3.5
5	256QAM	1	12	18.45	18.52	18.54		
5	256QAM	1	24	18.61	18.67	18.60		
5	256QAM	12	0	18.63	18.68	18.54	19.3	3.5
5	256QAM	12	7	18.42	18.63	18.61		
5	256QAM	12	13	18.68	18.57	18.44		
5	256QAM	25	0	18.45	18.70	18.74		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.27	22.27	22.20	22.8	0
3	QPSK	1	8	22.12	22.14	22.10		
3	QPSK	1	14	22.09	22.09	22.17		
3	QPSK	8	0	22.12	22.18	22.12	22.8	0
3	QPSK	8	4	22.14	22.18	22.08		
3	QPSK	8	7	22.19	22.15	22.17		
3	QPSK	15	0	22.11	22.18	22.05		
3	16QAM	1	0	22.19	22.19	22.12	22.8	0
3	16QAM	1	8	22.08	22.12	22.04		
3	16QAM	1	14	22.21	22.15	22.15		
3	16QAM	8	0	21.92	21.85	21.80	22.3	0.5
3	16QAM	8	4	21.96	21.90	21.83		
3	16QAM	8	7	21.88	21.99	21.82		
3	16QAM	15	0	21.81	21.79	21.66		
3	64QAM	1	0	21.88	22.02	21.87	22.3	0.5
3	64QAM	1	8	22.09	22.18	22.03		
3	64QAM	1	14	21.94	21.96	21.71		
3	64QAM	8	0	20.89	20.81	20.71	21.3	1.5
3	64QAM	8	4	20.93	20.85	20.78		
3	64QAM	8	7	20.91	20.96	20.82		
3	64QAM	15	0	20.89	20.82	20.69		
3	256QAM	1	0	18.52	18.76	18.61	19.3	3.5
3	256QAM	1	8	18.47	18.59	18.57		
3	256QAM	1	14	18.70	18.74	18.59		
3	256QAM	8	0	18.69	18.75	18.62	19.3	3.5
3	256QAM	8	4	18.46	18.58	18.51		
3	256QAM	8	7	18.70	18.64	18.54		
3	256QAM	15	0	18.55	18.69	18.62		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.28	22.28	22.22	22.8	0
1.4	QPSK	1	3	22.15	22.24	22.22		
1.4	QPSK	1	5	22.11	22.14	22.20		
1.4	QPSK	3	0	22.21	22.19	22.26		
1.4	QPSK	3	1	22.18	22.14	22.04		
1.4	QPSK	3	3	22.21	22.09	22.10		
1.4	QPSK	6	0	22.16	22.11	22.11	22.8	0
1.4	16QAM	1	0	22.24	22.16	22.18	22.8	0
1.4	16QAM	1	3	22.03	22.11	22.10		
1.4	16QAM	1	5	22.13	22.16	22.22		
1.4	16QAM	3	0	22.26	22.28	22.26		
1.4	16QAM	3	1	22.12	22.22	22.15		
1.4	16QAM	3	3	22.11	22.06	22.09		
1.4	16QAM	6	0	21.87	21.84	21.86	22.3	0.5
1.4	64QAM	1	0	22.14	21.93	21.88	22.3	0.5
1.4	64QAM	1	3	22.06	22.00	21.98		
1.4	64QAM	1	5	22.10	21.92	21.96		
1.4	64QAM	3	0	21.93	21.89	21.83		
1.4	64QAM	3	1	21.99	21.84	21.87		
1.4	64QAM	3	3	21.94	21.90	21.85		
1.4	64QAM	6	0	20.90	20.85	20.83	21.3	1.5
1.4	256QAM	1	0	18.55	18.74	18.54	19.3	3.5
1.4	256QAM	1	3	18.48	18.67	18.61		
1.4	256QAM	1	5	18.59	18.70	18.53		
1.4	256QAM	3	0	18.63	18.74	18.64		
1.4	256QAM	3	1	18.58	18.54	18.46		
1.4	256QAM	3	3	18.57	18.69	18.48		
1.4	256QAM	6	0	18.60	18.73	18.69	19.3	3.5

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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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.00	24.03	23.83	24.8	0
15	QPSK	1	37	23.88	23.85	23.71		
15	QPSK	1	74	23.62	23.73	23.53		
15	QPSK	36	0	22.90	22.94	22.85	23.8	1
15	QPSK	36	20	22.83	22.93	22.79		
15	QPSK	36	39	22.89	22.88	22.80		
15	QPSK	75	0	22.81	22.91	22.82		
15	16QAM	1	0	23.05	23.11	23.10	23.8	1
15	16QAM	1	37	23.09	23.11	23.00		
15	16QAM	1	74	22.95	23.13	22.89		
15	16QAM	36	0	21.88	21.92	21.79	22.8	2
15	16QAM	36	20	21.84	21.96	21.83		
15	16QAM	36	39	21.87	21.95	21.83		
15	16QAM	75	0	21.83	21.96	21.84		
15	64QAM	1	0	21.94	21.93	22.04	22.8	2
15	64QAM	1	37	22.06	21.94	21.91		
15	64QAM	1	74	21.82	22.06	21.73		
15	64QAM	36	0	20.92	20.89	20.81	21.8	3
15	64QAM	36	20	20.86	20.93	20.80		
15	64QAM	36	39	20.88	20.93	20.81		
15	64QAM	75	0	20.83	20.93	20.83		
15	256QAM	1	0	18.87	18.94	18.92	19.8	5
15	256QAM	1	37	18.81	18.99	18.89		
15	256QAM	1	74	18.78	18.90	18.79		
15	256QAM	36	0	18.87	18.92	18.89	19.8	5
15	256QAM	36	20	18.73	18.88	18.77		
15	256QAM	36	39	18.68	18.86	18.78		
15	256QAM	75	0	18.89	18.96	18.77		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.92	23.83	23.79	24.8	0
10	QPSK	1	25	23.86	23.84	23.75		
10	QPSK	1	49	23.84	23.78	23.66		
10	QPSK	25	0	22.86	22.87	22.82	23.8	1
10	QPSK	25	12	22.97	22.91	22.88		
10	QPSK	25	25	22.91	22.94	22.83		
10	QPSK	50	0	22.94	22.86	22.84		
10	16QAM	1	0	23.25	23.23	23.16	23.8	1
10	16QAM	1	25	23.23	23.16	23.16		
10	16QAM	1	49	23.22	23.29	23.17		
10	16QAM	25	0	21.90	21.91	21.82	22.8	2
10	16QAM	25	12	21.98	21.92	21.87		
10	16QAM	25	25	21.98	21.94	21.84		
10	16QAM	50	0	21.96	21.87	21.86		
10	64QAM	1	0	22.01	22.08	22.04	22.8	2
10	64QAM	1	25	22.12	22.15	22.09		
10	64QAM	1	49	22.08	22.00	21.93		
10	64QAM	25	0	20.89	20.90	20.79	21.8	3
10	64QAM	25	12	20.95	20.91	20.89		
10	64QAM	25	25	20.90	20.95	20.89		
10	64QAM	50	0	20.93	20.88	20.79		
10	256QAM	1	0	18.81	18.92	18.85	19.8	5
10	256QAM	1	25	18.75	18.97	18.83		
10	256QAM	1	49	18.64	18.77	18.74		
10	256QAM	25	0	18.75	18.91	18.85	19.8	5
10	256QAM	25	12	18.73	18.71	18.65		
10	256QAM	25	25	18.49	18.82	18.68		
10	256QAM	50	0	18.87	18.94	18.60		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.81	23.84	23.64	24.8	0
5	QPSK	1	12	23.72	23.74	23.67		
5	QPSK	1	24	23.83	23.87	23.66		
5	QPSK	12	0	22.86	22.86	22.71	23.8	1
5	QPSK	12	7	22.97	22.89	22.74		
5	QPSK	12	13	22.92	22.95	22.78		
5	QPSK	25	0	22.91	22.85	22.73		
5	16QAM	1	0	23.24	23.22	23.08	23.8	1
5	16QAM	1	12	23.25	23.27	23.25		
5	16QAM	1	24	23.25	23.16	23.07		
5	16QAM	12	0	21.90	21.89	21.77	22.8	2
5	16QAM	12	7	21.98	21.95	21.84		
5	16QAM	12	13	21.94	21.98	21.84		
5	16QAM	25	0	21.91	21.90	21.74		
5	64QAM	1	0	22.08	22.12	21.99	22.8	2
5	64QAM	1	12	22.07	22.13	22.00		
5	64QAM	1	24	22.08	22.04	21.92		
5	64QAM	12	0	20.91	20.86	20.76	21.8	3
5	64QAM	12	7	20.98	20.91	20.79		
5	64QAM	12	13	20.98	20.99	20.86		
5	64QAM	25	0	20.94	20.85	20.76		
5	256QAM	1	0	18.68	18.89	18.81	19.8	5
5	256QAM	1	12	18.72	18.86	18.87		
5	256QAM	1	24	18.67	18.82	18.69		
5	256QAM	12	0	18.80	18.77	18.89	19.8	5
5	256QAM	12	7	18.70	18.73	18.66		
5	256QAM	12	13	18.63	18.81	18.69		
5	256QAM	25	0	18.71	18.90	18.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.80	23.74	23.59	24.8	0
3	QPSK	1	8	23.83	23.81	23.75		
3	QPSK	1	14	23.82	23.75	23.61		
3	QPSK	8	0	22.94	22.85	22.73	23.8	1
3	QPSK	8	4	22.96	22.89	22.75		
3	QPSK	8	7	22.92	22.92	22.78		
3	QPSK	15	0	22.89	22.85	22.71		
3	16QAM	1	0	23.13	23.13	23.02	23.8	1
3	16QAM	1	8	23.11	23.17	23.17		
3	16QAM	1	14	23.04	23.14	23.02		
3	16QAM	8	0	22.02	21.90	21.85	22.8	2
3	16QAM	8	4	22.04	22.00	21.79		
3	16QAM	8	7	21.99	22.05	21.87		
3	16QAM	15	0	21.95	21.89	21.73		
3	64QAM	1	0	22.06	22.06	21.87	22.8	2
3	64QAM	1	8	22.18	22.15	21.94		
3	64QAM	1	14	22.15	21.98	21.73		
3	64QAM	8	0	20.98	20.89	20.76	21.8	3
3	64QAM	8	4	20.99	20.96	20.86		
3	64QAM	8	7	20.95	20.99	20.83		
3	64QAM	15	0	20.96	20.89	20.73		
3	256QAM	1	0	18.79	18.91	18.74	19.8	5
3	256QAM	1	8	18.63	18.95	18.77		
3	256QAM	1	14	18.67	18.82	18.73		
3	256QAM	8	0	18.69	18.75	18.78	19.8	5
3	256QAM	8	4	18.64	18.81	18.65		
3	256QAM	8	7	18.66	18.82	18.71		
3	256QAM	15	0	18.76	18.95	18.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.84	23.76	23.67	24.8	0
1.4	QPSK	1	3	23.81	23.88	23.74		
1.4	QPSK	1	5	23.84	23.82	23.71		
1.4	QPSK	3	0	23.85	23.87	23.74		
1.4	QPSK	3	1	23.80	23.80	23.77		
1.4	QPSK	3	3	23.85	23.86	23.72		
1.4	QPSK	6	0	22.91	22.82	22.76	23.8	1
1.4	16QAM	1	0	23.13	23.10	23.04	23.8	1
1.4	16QAM	1	3	23.15	23.13	23.13		
1.4	16QAM	1	5	23.19	23.15	23.07		
1.4	16QAM	3	0	23.11	22.98	22.87		
1.4	16QAM	3	1	23.08	22.98	22.83		
1.4	16QAM	3	3	23.07	23.02	22.91		
1.4	16QAM	6	0	21.99	21.89	21.84	22.8	2
1.4	64QAM	1	0	22.05	21.90	21.89	22.8	2
1.4	64QAM	1	3	22.10	22.15	21.90		
1.4	64QAM	1	5	22.02	22.03	21.87		
1.4	64QAM	3	0	22.08	21.92	21.78		
1.4	64QAM	3	1	22.04	21.97	21.85		
1.4	64QAM	3	3	22.03	22.02	21.88		
1.4	64QAM	6	0	20.93	20.90	20.83	21.8	3
1.4	256QAM	1	0	18.87	18.90	18.77	19.8	5
1.4	256QAM	1	3	18.77	18.87	18.74		
1.4	256QAM	1	5	18.74	18.72	18.78		
1.4	256QAM	3	0	18.86	18.87	18.70		
1.4	256QAM	3	1	18.63	18.85	18.70		
1.4	256QAM	3	3	18.56	18.68	18.75		
1.4	256QAM	6	0	18.84	18.88	18.74	19.8	5

Band 30_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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.08		18.9	0
10	QPSK	1	25		17.99			
10	QPSK	1	49		18.01			
10	QPSK	25	0		18.00		18.9	0
10	QPSK	25	12		17.92			
10	QPSK	25	25		17.97			
10	QPSK	50	0		17.94			
10	16QAM	1	0		18.07		18.9	0
10	16QAM	1	25		18.01			
10	16QAM	1	49		17.97			
10	16QAM	25	0		17.93		18.9	0
10	16QAM	25	12		17.93			
10	16QAM	25	25		18.04			
10	16QAM	50	0		17.96			
10	64QAM	1	0		18.06		18.9	0
10	64QAM	1	25		18			
10	64QAM	1	49		17.97			
10	64QAM	25	0		18.05		18.9	0
10	64QAM	25	12		18.04			
10	64QAM	25	25		17.95			
10	64QAM	50	0		17.99			
10	256QAM	1	0		17.20		17.9	1
10	256QAM	1	25		17.30			
10	256QAM	1	49		17.17			
10	256QAM	25	0		17.24		17.9	1
10	256QAM	25	12		17.21			
10	256QAM	25	25		17.25			
10	256QAM	50	0		17.27			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.96	17.91	17.89	18.9	0
5	QPSK	1	12	17.91	17.8	17.82		
5	QPSK	1	24	17.88	17.87	17.83		
5	QPSK	12	0	17.89	17.8	17.8	18.9	0
5	QPSK	12	7	17.82	17.73	17.74		
5	QPSK	12	13	17.82	17.89	17.77		
5	QPSK	25	0	17.8	17.79	17.89		
5	16QAM	1	0	17.89	17.95	17.99	18.9	0
5	16QAM	1	12	17.96	17.89	17.83		
5	16QAM	1	24	17.79	17.81	17.86		
5	16QAM	12	0	17.87	17.77	17.74	18.9	0
5	16QAM	12	7	17.84	17.8	17.88		
5	16QAM	12	13	17.89	17.87	17.95		
5	16QAM	25	0	17.86	17.84	17.86		
5	64QAM	1	0	17.95	17.87	17.97	18.9	0
5	64QAM	1	12	17.88	17.84	17.95		
5	64QAM	1	24	17.89	17.81	17.87		
5	64QAM	12	0	17.89	17.86	17.97	18.9	0
5	64QAM	12	7	17.86	17.9	17.86		
5	64QAM	12	13	17.86	17.86	17.81		
5	64QAM	25	0	17.81	17.9	17.85		
5	256QAM	1	0	17.04	17.17	17.03	17.9	1
5	256QAM	1	12	17.17	17.22	17.20		
5	256QAM	1	24	17.06	17.16	17.11		
5	256QAM	12	0	17.19	17.17	17.07	17.9	1
5	256QAM	12	7	17.02	17.19	17.13		
5	256QAM	12	13	17.10	17.17	17.07		
5	256QAM	25	0	17.15	17.22	17.13		

Band 30_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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.68		24.3	0
10	QPSK	1	25		23.60			
10	QPSK	1	49		23.65			
10	QPSK	25	0		22.76		23.3	1
10	QPSK	25	12		22.70			
10	QPSK	25	25		22.73			
10	QPSK	50	0		22.69			
10	16QAM	1	0		23.10		23.3	1
10	16QAM	1	25		23.06			
10	16QAM	1	49		23.16			
10	16QAM	25	0		21.69		22.3	2
10	16QAM	25	12		21.71			
10	16QAM	25	25		21.75			
10	16QAM	50	0		21.69			
10	64QAM	1	0		21.94		22.3	2
10	64QAM	1	25		21.93			
10	64QAM	1	49		21.72			
10	64QAM	25	0		20.69		21.3	3
10	64QAM	25	12		20.69			
10	64QAM	25	25		20.73			
10	64QAM	50	0		20.64			
10	256QAM	1	0		18.60		19.3	5
10	256QAM	1	25		18.55			
10	256QAM	1	49		18.52			
10	256QAM	25	0		18.50		19.3	5
10	256QAM	25	12		18.57			
10	256QAM	25	25		18.59			
10	256QAM	50	0		18.51			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.58	23.58	23.63	24.3	0
5	QPSK	1	12	23.47	23.58	23.54		
5	QPSK	1	24	23.64	23.55	23.58		
5	QPSK	12	0	22.53	22.48	22.50	23.3	1
5	QPSK	12	7	22.63	22.54	22.51		
5	QPSK	12	13	22.70	22.69	22.62		
5	QPSK	25	0	22.49	22.58	22.53		
5	16QAM	1	0	23.00	23.09	23.02	23.3	1
5	16QAM	1	12	22.88	23.04	23.03		
5	16QAM	1	24	23.05	23.12	22.99		
5	16QAM	12	0	21.62	21.56	21.62	22.3	2
5	16QAM	12	7	21.70	21.60	21.70		
5	16QAM	12	13	21.56	21.71	21.56		
5	16QAM	25	0	21.50	21.57	21.50		
5	64QAM	1	0	21.85	21.80	21.85	22.3	2
5	64QAM	1	12	21.83	21.86	21.83		
5	64QAM	1	24	21.64	21.71	21.64		
5	64QAM	12	0	20.51	20.67	20.51	21.3	3
5	64QAM	12	7	20.61	20.65	20.61		
5	64QAM	12	13	20.70	20.64	20.70		
5	64QAM	25	0	20.61	20.57	20.61		
5	256QAM	1	0	18.47	18.49	18.47	19.3	5
5	256QAM	1	12	18.54	18.52	18.54		
5	256QAM	1	24	18.37	18.47	18.37		
5	256QAM	12	0	18.45	18.31	18.45	19.3	5
5	256QAM	12	7	18.53	18.53	18.53		
5	256QAM	12	13	18.42	18.52	18.42		
5	256QAM	25	0	18.33	18.35	18.33		

Band 30_Ant 6

BW [MHz]	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		14.70		15.3	0
10	QPSK	1	25		14.68			
10	QPSK	1	49		14.66			
10	QPSK	25	0		14.66		15.3	0
10	QPSK	25	12		14.66			
10	QPSK	25	25		14.62			
10	QPSK	50	0		14.53			
10	16QAM	1	0		14.69		15.3	0
10	16QAM	1	25		14.60			
10	16QAM	1	49		14.63			
10	16QAM	25	0		14.64		15.3	0
10	16QAM	25	12		14.59			
10	16QAM	25	25		14.67			
10	16QAM	50	0		14.54			
10	64QAM	1	0		14.55		15.3	0
10	64QAM	1	25		14.57			
10	64QAM	1	49		14.64			
10	64QAM	25	0		14.48		15.3	0
10	64QAM	25	12		14.48			
10	64QAM	25	25		14.67			
10	64QAM	50	0		14.61			
10	256QAM	1	0		14.54		15.3	0
10	256QAM	1	25		14.68			
10	256QAM	1	49		14.52			
10	256QAM	25	0		14.64		15.3	0
10	256QAM	25	12		14.51			
10	256QAM	25	25		14.69			
10	256QAM	50	0		14.56			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	14.52	14.54	14.53	15.3	0
5	QPSK	1	12	14.56	14.53	14.49		
5	QPSK	1	24	14.58	14.53	14.56		
5	QPSK	12	0	14.57	14.51	14.56	15.3	0
5	QPSK	12	7	14.53	14.59	14.51		
5	QPSK	12	13	14.43	14.49	14.47		
5	QPSK	25	0	14.47	14.50	14.57		
5	16QAM	1	0	14.64	14.60	14.57	15.3	0
5	16QAM	1	12	14.50	14.44	14.49		
5	16QAM	1	24	14.48	14.52	14.46		
5	16QAM	12	0	14.52	14.57	14.44	15.3	0
5	16QAM	12	7	14.44	14.51	14.47		
5	16QAM	12	13	14.54	14.57	14.47		
5	16QAM	25	0	14.35	14.35	14.46		
5	64QAM	1	0	14.49	14.41	14.50	15.3	0
5	64QAM	1	12	14.45	14.40	14.50		
5	64QAM	1	24	14.47	14.47	14.59		
5	64QAM	12	0	14.35	14.41	14.36	15.3	0
5	64QAM	12	7	14.36	14.39	14.43		
5	64QAM	12	13	14.54	14.62	14.61		
5	64QAM	25	0	14.44	14.41	14.50		
5	256QAM	1	0	14.49	14.49	14.40	15.3	0
5	256QAM	1	12	14.57	14.61	14.57		
5	256QAM	1	24	14.46	14.39	14.34		
5	256QAM	12	0	14.54	14.48	14.47	15.3	0
5	256QAM	12	7	14.42	14.44	14.39		
5	256QAM	12	13	14.51	14.64	14.53		
5	256QAM	25	0	14.45	14.37	14.48		

Band 30_Ant 7

BW [MHz]	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		20.01		20.6	0
10	QPSK	1	25		19.81			
10	QPSK	1	49		19.91			
10	QPSK	25	0		19.92		20.6	0
10	QPSK	25	12		19.90			
10	QPSK	25	25		19.91			
10	QPSK	50	0		19.83			
10	16QAM	1	0		19.89		20.6	0
10	16QAM	1	25		19.84			
10	16QAM	1	49		19.91			
10	16QAM	25	0		19.91		20.6	0
10	16QAM	25	12		19.86			
10	16QAM	25	25		19.91			
10	16QAM	50	0		19.85			
10	64QAM	1	0		19.92		20.6	0
10	64QAM	1	25		19.84			
10	64QAM	1	49		19.86			
10	64QAM	25	0		19.33		20.1	0.5
10	64QAM	25	12		19.30			
10	64QAM	25	25		19.35			
10	64QAM	50	0		19.39			
10	256QAM	1	0		17.30		18.1	2.5
10	256QAM	1	25		17.25			
10	256QAM	1	49		17.29			
10	256QAM	25	0		17.28		18.1	2.5
10	256QAM	25	12		17.30			
10	256QAM	25	25		17.33			
10	256QAM	50	0		17.25			
Channel				27685	27710	27735	Tune-up limit	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	0	19.95	19.91	19.90	20.6	0
5	QPSK	1	12	19.71	19.76	19.78		
5	QPSK	1	24	19.80	19.77	19.78		
5	QPSK	12	0	19.80	19.78	19.84	20.6	0
5	QPSK	12	7	19.85	19.86	19.82		
5	QPSK	12	13	19.71	19.71	19.71		
5	QPSK	25	0	19.82	19.86	19.77		
5	16QAM	1	0	19.79	19.83	19.85	20.6	0
5	16QAM	1	12	19.84	19.74	19.81		
5	16QAM	1	24	19.82	19.81	19.72		
5	16QAM	12	0	19.83	19.82	19.79	20.6	0
5	16QAM	12	7	19.84	19.82	19.72		
5	16QAM	12	13	19.75	19.71	19.82		
5	16QAM	25	0	19.86	19.84	19.73		
5	64QAM	1	0	19.80	19.72	19.77	20.6	0
5	64QAM	1	12	19.80	19.78	19.76		
5	64QAM	1	24	19.72	19.79	19.73		
5	64QAM	12	0	19.27	19.15	19.31	20.1	0.5
5	64QAM	12	7	19.27	19.17	19.28		
5	64QAM	12	13	19.21	19.34	19.28		
5	64QAM	25	0	19.30	19.33	19.25		
5	256QAM	1	0	17.21	17.30	17.13	18.1	2.5
5	256QAM	1	12	17.07	17.07	17.14		
5	256QAM	1	24	17.23	17.11	17.23		
5	256QAM	12	0	17.10	17.12	17.12	18.1	2.5
5	256QAM	12	7	17.20	17.22	17.13		
5	256QAM	12	13	17.32	17.21	17.31		
5	256QAM	25	0	17.25	17.25	17.06		

Band 66_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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.03	18.08	18.05	18.9	0
20	QPSK	1	49	17.89	17.86	17.86		
20	QPSK	1	99	17.89	17.98	17.85		
20	QPSK	50	0	17.89	18.04	17.99	18.9	0
20	QPSK	50	24	17.87	17.95	17.81		
20	QPSK	50	50	17.9	17.96	17.84		
20	QPSK	100	0	17.96	17.99	17.87		
20	16QAM	1	0	18.06	17.87	18.01	18.9	0
20	16QAM	1	49	18.05	17.87	17.83		
20	16QAM	1	99	17.93	17.91	17.87		
20	16QAM	50	0	17.82	17.92	17.86	18.9	0
20	16QAM	50	24	17.96	17.85	17.84		
20	16QAM	50	50	17.97	17.93	17.95		
20	16QAM	100	0	17.97	17.93	17.95		
20	64QAM	1	0	18	17.87	17.85	18.9	0
20	64QAM	1	49	17.98	17.94	17.97		
20	64QAM	1	99	17.97	17.82	17.96		
20	64QAM	50	0	18.03	17.85	17.89	18.9	0
20	64QAM	50	24	17.96	17.92	17.84		
20	64QAM	50	50	17.86	17.9	17.88		
20	64QAM	100	0	17.85	17.89	17.8		
20	256QAM	1	0	17.62	17.69	17.63	18.4	0.5
20	256QAM	1	49	17.48	17.65	17.64		
20	256QAM	1	99	17.53	17.60	17.44		
20	256QAM	50	0	17.53	17.66	17.57	18.4	0.5
20	256QAM	50	24	17.71	17.75	17.73		
20	256QAM	50	50	17.61	17.70	17.54		
20	256QAM	100	0	17.60	17.62	17.61		
Channel				132047	132322	132597	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	0	18.01	18.05	18.05	18.9	0
15	QPSK	1	37	17.85	17.84	17.84		
15	QPSK	1	74	17.84	17.89	17.80		
15	QPSK	36	0	17.86	17.96	17.98	18.9	0
15	QPSK	36	20	17.81	17.82	17.84		
15	QPSK	36	39	17.83	17.88	17.89		
15	QPSK	75	0	17.86	17.88	17.85		
15	16QAM	1	0	18.00	17.89	17.86	18.9	0
15	16QAM	1	37	18.04	17.83	17.81		
15	16QAM	1	74	17.85	17.86	17.82		
15	16QAM	36	0	17.87	17.87	17.85	18.9	0
15	16QAM	36	20	17.85	17.83	17.89		
15	16QAM	36	39	17.89	17.89	17.82		
15	16QAM	75	0	17.87	17.85	17.85		
15	64QAM	1	0	17.90	17.87	17.88	18.9	0
15	64QAM	1	37	17.98	17.85	17.93		
15	64QAM	1	74	17.89	17.89	17.83		
15	64QAM	36	0	17.93	17.83	17.83	18.9	0
15	64QAM	36	20	17.90	17.83	17.86		
15	64QAM	36	39	17.84	17.86	17.87		
15	64QAM	75	0	17.84	17.81	17.82		
15	256QAM	1	0	17.60	17.66	17.55	18.4	0.5
15	256QAM	1	37	17.43	17.59	17.56		
15	256QAM	1	74	17.50	17.52	17.40		
15	256QAM	36	0	17.47	17.64	17.46	18.4	0.5
15	256QAM	36	20	17.67	17.67	17.69		
15	256QAM	36	39	17.50	17.62	17.48		
15	256QAM	75	0	17.58	17.54	17.57		
Channel				132022	132322	132622	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	0	17.94	17.95	17.95	18.9	0
10	QPSK	1	25	17.85	17.87	17.84		
10	QPSK	1	49	17.84	17.89	17.83		
10	QPSK	25	0	17.83	17.92	17.87	18.9	0
10	QPSK	25	12	17.89	17.94	17.88		
10	QPSK	25	25	17.82	17.96	17.81		
10	QPSK	50	0	17.92	17.97	17.87		
10	16QAM	1	0	17.95	17.82	17.99	18.9	0
10	16QAM	1	25	18.05	17.89	17.80		
10	16QAM	1	49	17.93	17.87	17.89		
10	16QAM	25	0	17.87	17.81	17.82	18.9	0
10	16QAM	25	12	17.85	17.87	17.81		
10	16QAM	25	25	17.95	17.90	17.94		
10	16QAM	50	0	17.88	17.89	17.87		
10	64QAM	1	0	17.87	17.83	17.81	18.9	0
10	64QAM	1	25	17.91	17.89	17.97		
10	64QAM	1	49	17.86	17.88	17.90		
10	64QAM	25	0	18.00	17.84	17.80	18.9	0
10	64QAM	25	12	17.92	17.89	17.80		
10	64QAM	25	25	17.80	17.80	17.86		
10	64QAM	50	0	17.84	17.86	17.84		
10	256QAM	1	0	17.56	17.67	17.58	18.4	0.5
10	256QAM	1	25	17.43	17.63	17.60		
10	256QAM	1	49	17.46	17.54	17.40		
10	256QAM	25	0	17.44	17.55	17.56	18.4	0.5
10	256QAM	25	12	17.68	17.66	17.65		
10	256QAM	25	25	17.50	17.62	17.53		
10	256QAM	50	0	17.52	17.52	17.55		
Channel				131997	132322	132647	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	0	17.94	17.98	18.05	18.9	0
5	QPSK	1	12	17.89	17.84	17.89		
5	QPSK	1	24	17.89	17.89	17.88		
5	QPSK	12	0	17.87	17.94	17.92	18.9	0
5	QPSK	12	7	17.86	17.92	17.86		
5	QPSK	12	13	17.81	17.94	17.83		
5	QPSK	25	0	17.96	17.93	17.84		
5	16QAM	1	0	17.92	17.84	17.98	18.9	0
5	16QAM	1	12	18.03	17.84	17.82		
5	16QAM	1	24	17.83	17.87	17.87		
5	16QAM	12	0	17.86	17.90	17.84	18.9	0
5	16QAM	12	7	17.91	17.82	17.84		
5	16QAM	12	13	17.96	17.85	17.90		
5	16QAM	25	0	17.87	17.89	17.94		
5	64QAM	1	0	17.89	17.86	17.83	18.9	0
5	64QAM	1	12	17.88	17.86	17.83		
5	64QAM	1	24	17.93	17.84	17.94		
5	64QAM	12	0	17.99	17.82	17.87	18.9	0
5	64QAM	12	7	17.81	17.83	17.80		
5	64QAM	12	13	17.82	17.89	17.88		
5	64QAM	25	0	17.80	17.85	17.89		
5	256QAM	1	0	17.56	17.63	17.61	18.4	0.5
5	256QAM	1	12	17.43	17.58	17.59		
5	256QAM	1	24	17.46	17.59	17.34		
5	256QAM	12	0	17.44	17.55	17.50	18.4	0.5
5	256QAM	12	7	17.70	17.72	17.61		
5	256QAM	12	13	17.57	17.69	17.51		
5	256QAM	25	0	17.53	17.61	17.55		
Channel				131987	132322	132657	Tune-up limit	MPR
Frequency (MHz)				1711.5	1745	1778.5	(dBm)	(dB)
3	QPSK	1	0	17.95	17.96	18.02	18.9	0
3	QPSK	1	8	17.87	17.80	17.84		
3	QPSK	1	14	17.80	17.87	17.88		
3	QPSK	8	0	17.82	17.95	17.92	18.9	0
3	QPSK	8	4	17.81	17.87	17.88		
3	QPSK	8	7	17.87	17.95	17.89		
3	QPSK	15	0	17.83	17.87	17.84		
3	16QAM	1	0	18.01	17.89	17.88	18.9	0
3	16QAM	1	8	18.05	17.87	17.82		
3	16QAM	1	14	17.91	17.81	17.85		
3	16QAM	8	0	17.81	17.85	17.84	18.9	0
3	16QAM	8	4	17.92	17.82	17.80		
3	16QAM	8	7	17.97	17.87	17.93		
3	16QAM	15	0	17.84	17.93	17.89		
3	64QAM	1	0	17.87	17.83	17.82	18.9	0
3	64QAM	1	8	17.83	17.84	17.92		
3	64QAM	1	14	17.95	17.83	17.87		
3	64QAM	8	0	18.03	17.82	17.86	18.9	0
3	64QAM	8	4	17.89	17.91	17.83		
3	64QAM	8	7	17.81	17.90	17.87		
3	64QAM	15	0	17.80	17.88	17.88		
3	256QAM	1	0	17.53	17.64	17.53	18.4	0.5
3	256QAM	1	8	17.40	17.55	17.56		
3	256QAM	1	14	17.47	17.59	17.37		
3	256QAM	8	0	17.50	17.64	17.50	18.4	0.5
3	256QAM	8	4	17.60	17.70	17.68		
3	256QAM	8	7	17.54	17.65	17.45		
3	256QAM	15	0	17.53	17.53	17.53		
Channel				131979	132322	132665	Tune-up limit	MPR
Frequency (MHz)				1710.7	1745	1779.3	(dBm)	(dB)
1.4	QPSK	1	0	18.03	18.06	18.04	18.9	0
1.4	QPSK	1	3	17.85	17.85	17.86		
1.4	QPSK	1	5	17.82	17.96	17.85		
1.4	QPSK	3	0	17.87	17.92	17.92		
1.4	QPSK	3	1	17.81	17.91	17.87		
1.4	QPSK	3	3	17.82	17.88	17.84		
1.4	QPSK	6	0	17.86	17.86	17.87	18.9	0
1.4	16QAM	1	0	17.96	17.84	17.97	18.9	0
1.4	16QAM	1	3	18.03	17.84	17.84		
1.4	16QAM	1	5	17.91	17.82	17.84		
1.4	16QAM	3	0	17.80	17.86	17.89		
1.4	16QAM	3	1	17.89	17.81	17.89		
1.4	16QAM	3	3	17.97	17.93	17.95		
1.4	16QAM	6	0	17.83	17.84	17.83	18.9	0
1.4	64QAM	1	0	17.94	17.87	17.86	18.9	0
1.4	64QAM	1	3	17.87	17.84	17.82		
1.4	64QAM	1	5	17.91	17.80	17.85		
1.4	64QAM	3	0	18.00	17.87	17.89		
1.4	64QAM	3	1	17.86	17.89	17.81		
1.4	64QAM	3	3	17.84	17.85	17.85		
1.4	64QAM	6	0	17.84	17.84	17.88	18.9	0
1.4	256QAM	1	0	17.54	17.65	17.59	18.4	0.5
1.4	256QAM	1	3	17.38	17.59	17.58		
1.4	256QAM	1	5	17.49	17.59	17.39		
1.4	256QAM	3	0	17.51	17.62	17.46		
1.4	256QAM	3	1	17.60	17.68	17.72		
1.4	256QAM	3	3	17.52	17.67	17.51		
1.4	256QAM	6	0	17.50	17.61	17.51	18.4	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.79	23.99	23.89	24.8	0
20	QPSK	1	49	23.78	23.93	23.86		
20	QPSK	1	99	23.75	23.83	23.67		
20	QPSK	50	0	22.94	22.99	22.94	23.8	1
20	QPSK	50	24	22.93	22.91	22.96		
20	QPSK	50	50	22.89	22.93	22.92		
20	QPSK	100	0	22.91	22.96	22.95		
20	16QAM	1	0	23.22	23.33	23.23	23.8	1
20	16QAM	1	49	23.34	23.46	23.44		
20	16QAM	1	99	23.07	23.14	23.21		
20	16QAM	50	0	21.87	22.02	22.01	22.8	2
20	16QAM	50	24	21.95	22.00	21.98		
20	16QAM	50	50	21.92	21.96	21.95		
20	16QAM	100	0	21.91	21.97	21.95		
20	64QAM	1	0	22.02	22.07	22.16	22.8	2
20	64QAM	1	49	22.12	22.11	22.22		
20	64QAM	1	99	22.12	22.20	21.84		
20	64QAM	50	0	20.85	21.02	21.00	21.8	3
20	64QAM	50	24	20.95	21.01	20.97		
20	64QAM	50	50	20.93	20.95	20.91		
20	64QAM	100	0	20.91	20.93	20.94		
20	256QAM	1	0	18.85	19.04	19.00	19.8	5
20	256QAM	1	49	18.92	18.99	18.99		
20	256QAM	1	99	18.79	18.94	18.91		
20	256QAM	50	0	18.86	18.90	18.89	19.8	5
20	256QAM	50	24	18.66	18.85	18.71		
20	256QAM	50	50	18.87	18.92	18.75		
20	256QAM	100	0	18.72	18.88	18.74		
Channel				132047	132322	132597	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	0	23.75	23.87	23.84	24.8	0
15	QPSK	1	37	23.72	23.91	23.80		
15	QPSK	1	74	23.68	23.67	23.61		
15	QPSK	36	0	22.74	22.98	22.83	23.8	1
15	QPSK	36	20	22.86	22.82	22.86		
15	QPSK	36	39	22.80	22.80	22.91		
15	QPSK	75	0	22.78	22.76	22.82		
15	16QAM	1	0	23.07	23.20	23.10	23.8	1
15	16QAM	1	37	23.34	23.34	23.34		
15	16QAM	1	74	22.91	23.10	22.88		
15	16QAM	36	0	21.77	21.97	21.91	22.8	2
15	16QAM	36	20	21.92	21.86	21.95		
15	16QAM	36	39	21.84	21.96	21.87		
15	16QAM	75	0	21.90	21.79	21.94		
15	64QAM	1	0	21.83	22.07	21.97	22.8	2
15	64QAM	1	37	21.93	21.98	22.03		
15	64QAM	1	74	21.95	22.17	21.67		
15	64QAM	36	0	20.75	20.94	20.90	21.8	3
15	64QAM	36	20	20.77	20.84	20.79		
15	64QAM	36	39	20.90	20.88	20.88		
15	64QAM	75	0	20.89	20.93	20.92		
15	256QAM	1	0	18.69	18.95	18.84	19.8	5
15	256QAM	1	37	18.91	18.84	18.98		
15	256QAM	1	74	18.76	18.93	18.88		
15	256QAM	36	0	18.78	18.78	18.81	19.8	5
15	256QAM	36	20	18.66	18.73	18.68		
15	256QAM	36	39	18.75	18.74	18.63		
15	256QAM	75	0	18.58	18.70	18.60		
Channel				132022	132322	132622	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	0	23.71	23.83	23.66	24.8	0
10	QPSK	1	25	23.75	23.77	23.80		
10	QPSK	1	49	23.69	23.83	23.62		
10	QPSK	25	0	22.74	22.88	22.96	23.8	1
10	QPSK	25	12	22.76	22.96	22.82		
10	QPSK	25	25	22.85	22.83	22.82		
10	QPSK	50	0	22.79	22.94	22.85		
10	16QAM	1	0	23.12	23.29	23.12	23.8	1
10	16QAM	1	25	23.19	23.16	23.10		
10	16QAM	1	49	22.95	23.08	22.89		
10	16QAM	25	0	21.76	21.93	21.90	22.8	2
10	16QAM	25	12	21.76	21.82	21.79		
10	16QAM	25	25	21.86	21.82	21.89		
10	16QAM	50	0	21.87	21.97	21.91		
10	64QAM	1	0	21.95	21.96	22.09	22.8	2
10	64QAM	1	25	22.11	22.05	22.21		
10	64QAM	1	49	21.93	22.07	22.06		
10	64QAM	25	0	20.81	20.95	20.96	21.8	3
10	64QAM	25	12	20.92	20.97	20.94		
10	64QAM	25	25	20.89	20.88	20.87		
10	64QAM	50	0	20.73	20.80	20.76		
10	256QAM	1	0	18.73	19.03	18.88	19.8	5
10	256QAM	1	25	18.77	18.87	18.84		
10	256QAM	1	49	18.78	18.75	18.90		
10	256QAM	25	0	18.77	18.89	18.80	19.8	5
10	256QAM	25	12	18.66	18.71	18.68		
10	256QAM	25	25	18.68	18.82	18.56		
10	256QAM	50	0	18.69	18.82	18.71		
Channel				131997	132322	132647	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	0	23.60	23.96	23.72	24.8	0
5	QPSK	1	12	23.77	23.74	23.80		
5	QPSK	1	24	23.67	23.78	23.60		
5	QPSK	12	0	22.85	22.82	22.98	23.8	1
5	QPSK	12	7	22.74	22.88	22.82		
5	QPSK	12	13	22.76	22.78	22.92		
5	QPSK	25	0	22.79	22.78	22.82		
5	16QAM	1	0	23.05	23.18	23.04	23.8	1
5	16QAM	1	12	23.25	23.42	23.30		
5	16QAM	1	24	23.00	22.99	22.96		
5	16QAM	12	0	21.77	21.98	21.91	22.8	2
5	16QAM	12	7	21.81	21.83	21.84		
5	16QAM	12	13	21.84	21.88	21.87		
5	16QAM	25	0	21.81	21.84	21.85		
5	64QAM	1	0	21.93	21.95	22.07	22.8	2
5	64QAM	1	12	22.12	22.07	22.22		
5	64QAM	1	24	21.97	22.12	21.96		
5	64QAM	12	0	20.76	20.83	20.91	21.8	3
5	64QAM	12	7	20.85	20.87	20.87		
5	64QAM	12	13	20.85	20.85	20.83		
5	64QAM	25	0	20.90	20.77	20.93		
5	256QAM	1	0	18.85	19.04	19.00	19.8	5
5	256QAM	1	12	18.91	18.89	18.98		
5	256QAM	1	24	18.72	18.88	18.84		
5	256QAM	12	0	18.81	18.86	18.84	19.8	5
5	256QAM	12	7	18.60	18.67	18.62		
5	256QAM	12	13	18.78	18.77	18.66		
5	256QAM	25	0	18.63	18.69	18.65		
Channel				131987	132322	132657	Tune-up limit	MPR
Frequency (MHz)				1711.5	1745	1778.5	(dBm)	(dB)
3	QPSK	1	0	23.63	23.82	23.71	24.8	0
3	QPSK	1	8	23.65	23.84	23.75		
3	QPSK	1	14	23.56	23.77	23.52		
3	QPSK	8	0	22.73	22.81	22.92	23.8	1
3	QPSK	8	4	22.92	22.98	22.89		
3	QPSK	8	7	22.78	22.78	22.83		
3	QPSK	15	0	22.86	22.84	22.84		
3	16QAM	1	0	23.14	23.17	23.22	23.8	1
3	16QAM	1	8	23.21	23.31	23.42		
3	16QAM	1	14	22.92	23.01	23.09		
3	16QAM	8	0	21.77	21.86	21.91	22.8	2
3	16QAM	8	4	21.94	21.96	21.97		
3	16QAM	8	7	21.85	21.84	21.88		
3	16QAM	15	0	21.81	21.88	21.85		
3	64QAM	1	0	21.83	22.04	21.97	22.8	2
3	64QAM	1	8	22.07	21.95	22.17		
3	64QAM	1	14	22.06	22.11	21.78		
3	64QAM	8	0	20.79	20.92	20.94	21.8	3
3	64QAM	8	4	20.88	20.84	20.90		
3	64QAM	8	7	20.84	20.93	20.82		
3	64QAM	15	0	20.77	20.77	20.80		
3	256QAM	1	0	18.78	18.92	18.93	19.8	5
3	256QAM	1	8	18.86	18.83	18.93		
3	256QAM	1	14	18.72	18.88	18.84		
3	256QAM	8	0	18.81	18.72	18.84	19.8	5
3	256QAM	8	4	18.52	18.69	18.54		
3	256QAM	8	7	18.85	18.80	18.73		
3	256QAM	15	0	18.56	18.76	18.58		
Channel				131979	132322	132665	Tune-up limit	MPR
Frequency (MHz)				1710.7	1745	1779.3	(dBm)	(dB)
1.4	QPSK	1	0	23.61	23.81	23.68	24.8	0
1.4	QPSK	1	3	23.67	23.80	23.83		
1.4	QPSK	1	5	23.65	23.78	23.56		
1.4	QPSK	3	0	23.45	23.78	23.68		
1.4	QPSK	3	1	23.58	23.68	23.63		
1.4	QPSK	3	3	23.54	23.62	23.56		
1.4	QPSK	6	0	22.90	22.93	22.95	23.8	1
1.4	16QAM	1	0	23.03	23.16	23.21	23.8	1
1.4	16QAM	1	3	23.29	23.16	23.29		
1.4	16QAM	1	5	22.88	23.13	22.87		
1.4	16QAM	3	0	23.00	23.06	23.10		
1.4	16QAM	3	1	22.89	23.08	23.03		
1.4	16QAM	3	3	22.90	23.11	23.09		
1.4	16QAM	6	0	21.79	21.79	21.83	22.8	2
1.4	64QAM	1	0	21.91	21.95	22.05	22.8	2
1.4	64QAM	1	3	22.07	22.01	22.17		
1.4	64QAM	1	5	22.07	22.05	21.79		
1.4	64QAM	3	0	21.90	21.92	22.15		
1.4	64QAM	3	1	21.98	21.90	22.03		
1.4	64QAM	3	3	21.99	21.93	22.05		
1.4	64QAM	6	0	20.78	20.92	20.81	21.8	3
1.4	256QAM	1	0	18.80	19.03	18.95	19.8	5
1.4	256QAM	1	3	18.78	18.80	18.85		
1.4	256QAM	1	5	18.71	18.94	18.83		
1.4	256QAM	3	0	18.76	18.74	18.79		
1.4	256QAM	3	1	18.54	18.85	18.56		
1.4	256QAM	3	3	18.81	18.77	18.69		
1.4	256QAM	6	0	18.64	18.72	18.66	19.8	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	15.96	16.09	16.00	16.8	0
20	QPSK	1	49	15.94	15.99	15.90		
20	QPSK	1	99	15.94	16.03	15.90		
20	QPSK	50	0	15.90	15.98	15.89	16.8	0
20	QPSK	50	24	15.82	15.90	15.81		
20	QPSK	50	50	15.88	15.93	15.86		
20	QPSK	100	0	15.91	15.97	15.89		
20	16QAM	1	0	15.94	15.98	15.98	16.8	0
20	16QAM	1	49	15.83	15.88	15.79		
20	16QAM	1	99	15.99	16.03	16.02		
20	16QAM	50	0	15.98	16.01	15.96	16.8	0
20	16QAM	50	24	15.86	15.95	15.84		
20	16QAM	50	50	15.86	15.92	15.92		
20	16QAM	100	0	15.83	15.97	15.83		
20	64QAM	1	0	15.79	15.88	15.80	16.8	0
20	64QAM	1	49	15.84	15.95	15.86		
20	64QAM	1	99	15.91	15.95	15.86		
20	64QAM	50	0	15.92	15.99	15.96	16.8	0
20	64QAM	50	24	15.78	15.93	15.84		
20	64QAM	50	50	15.85	15.91	15.82		
20	64QAM	100	0	15.98	15.98	15.86		
20	256QAM	1	0	15.78	15.92	15.91	16.8	0
20	256QAM	1	49	15.91	16.01	15.90		
20	256QAM	1	99	15.82	15.93	15.90		
20	256QAM	50	0	15.91	15.92	15.90	16.8	0
20	256QAM	50	24	15.85	15.89	15.79		
20	256QAM	50	50	15.87	15.93	15.88		
20	256QAM	100	0	15.91	16.01	15.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.90	16.01	15.92	16.8	0
15	QPSK	1	37	15.92	15.90	15.79		
15	QPSK	1	74	15.93	16.03	15.86		
15	QPSK	36	0	15.81	15.90	15.89	16.8	0
15	QPSK	36	20	15.69	15.75	15.68		
15	QPSK	36	39	15.83	15.89	15.86		
15	QPSK	75	0	15.86	15.92	15.77		
15	16QAM	1	0	15.84	15.96	15.94	16.8	0
15	16QAM	1	37	15.72	15.82	15.64		
15	16QAM	1	74	15.97	15.90	15.97		
15	16QAM	36	0	15.96	15.98	15.82	16.8	0
15	16QAM	36	20	15.76	15.81	15.79		
15	16QAM	36	39	15.72	15.85	15.90		
15	16QAM	75	0	15.80	15.83	15.74		
15	64QAM	1	0	15.69	15.88	15.80	16.8	0
15	64QAM	1	37	15.78	15.87	15.77		
15	64QAM	1	74	15.84	15.93	15.75		
15	64QAM	36	0	15.91	15.95	15.95	16.8	0
15	64QAM	36	20	15.69	15.84	15.81		
15	64QAM	36	39	15.82	15.88	15.73		
15	64QAM	75	0	15.83	15.87	15.77		
15	256QAM	1	0	15.66	15.83	15.84	16.8	0
15	256QAM	1	37	15.88	15.89	15.84		
15	256QAM	1	74	15.75	15.84	15.82		
15	256QAM	36	0	15.88	15.88	15.79	16.8	0
15	256QAM	36	20	15.77	15.80	15.74		
15	256QAM	36	39	15.87	15.92	15.87		
15	256QAM	75	0	15.81	15.98	15.87		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.93	16.01	15.89	16.8	0
10	QPSK	1	25	15.84	15.90	15.85		
10	QPSK	1	49	15.85	15.94	15.86		
10	QPSK	25	0	15.79	15.84	15.75	16.8	0
10	QPSK	25	12	15.80	15.82	15.67		
10	QPSK	25	25	15.76	15.91	15.80		
10	QPSK	50	0	15.89	15.97	15.81		
10	16QAM	1	0	15.91	15.86	15.87	16.8	0
10	16QAM	1	25	15.70	15.75	15.74		
10	16QAM	1	49	15.97	15.91	15.92		
10	16QAM	25	0	15.84	15.89	15.92	16.8	0
10	16QAM	25	12	15.83	15.84	15.73		
10	16QAM	25	25	15.85	15.82	15.92		
10	16QAM	50	0	15.69	15.88	15.83		
10	64QAM	1	0	15.70	15.88	15.69	16.8	0
10	64QAM	1	25	15.83	15.95	15.81		
10	64QAM	1	49	15.82	15.83	15.79		
10	64QAM	25	0	15.83	15.96	15.85	16.8	0
10	64QAM	25	12	15.63	15.86	15.78		
10	64QAM	25	25	15.74	15.85	15.72		
10	64QAM	50	0	15.88	15.90	15.76		
10	256QAM	1	0	15.77	15.90	15.89	16.8	0
10	256QAM	1	25	15.78	15.95	15.77		
10	256QAM	1	49	15.67	15.90	15.82		
10	256QAM	25	0	15.83	15.80	15.84	16.8	0
10	256QAM	25	12	15.80	15.74	15.78		
10	256QAM	25	25	15.81	15.87	15.87		
10	256QAM	50	0	15.88	15.89	15.93		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.86	15.96	15.96	16.8	0
5	QPSK	1	12	15.90	15.89	15.76		
5	QPSK	1	24	15.85	16.01	15.83		
5	QPSK	12	0	15.87	15.92	15.89	16.8	0
5	QPSK	12	7	15.73	15.89	15.78		
5	QPSK	12	13	15.85	15.79	15.71		
5	QPSK	25	0	15.84	15.83	15.77		
5	16QAM	1	0	15.79	15.96	15.86	16.8	0
5	16QAM	1	12	15.80	15.75	15.67		
5	16QAM	1	24	15.90	15.96	15.89		
5	16QAM	12	0	15.86	15.90	15.91	16.8	0
5	16QAM	12	7	15.86	15.86	15.69		
5	16QAM	12	13	15.82	15.88	15.80		
5	16QAM	25	0	15.77	15.88	15.81		
5	64QAM	1	0	15.74	15.88	15.80	16.8	0
5	64QAM	1	12	15.69	15.94	15.75		
5	64QAM	1	24	15.79	15.89	15.83		
5	64QAM	12	0	15.82	15.89	15.81	16.8	0
5	64QAM	12	7	15.66	15.90	15.84		
5	64QAM	12	13	15.74	15.91	15.75		
5	64QAM	25	0	15.96	15.83	15.80		
5	256QAM	1	0	15.68	15.77	15.83	16.8	0
5	256QAM	1	12	15.79	15.91	15.79		
5	256QAM	1	24	15.74	15.85	15.85		
5	256QAM	12	0	15.90	15.82	15.82	16.8	0
5	256QAM	12	7	15.70	15.82	15.69		
5	256QAM	12	13	15.86	15.87	15.76		
5	256QAM	25	0	15.85	15.99	15.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.83	16.09	15.98	16.8	0
3	QPSK	1	8	15.89	15.93	15.76		
3	QPSK	1	14	15.79	15.93	15.78		
3	QPSK	8	0	15.87	15.83	15.81	16.8	0
3	QPSK	8	4	15.72	15.83	15.76		
3	QPSK	8	7	15.74	15.83	15.84		
3	QPSK	15	0	15.81	15.89	15.75		
3	16QAM	1	0	15.93	15.85	15.90	16.8	0
3	16QAM	1	8	15.79	15.86	15.71		
3	16QAM	1	14	15.97	16.03	16.00		
3	16QAM	8	0	15.90	15.94	15.82	16.8	0
3	16QAM	8	4	15.78	15.93	15.83		
3	16QAM	8	7	15.79	15.83	15.89		
3	16QAM	15	0	15.70	15.96	15.78		
3	64QAM	1	0	15.64	15.77	15.67	16.8	0
3	64QAM	1	8	15.81	15.92	15.73		
3	64QAM	1	14	15.90	15.80	15.71		
3	64QAM	8	0	15.79	15.87	15.82	16.8	0
3	64QAM	8	4	15.69	15.92	15.75		
3	64QAM	8	7	15.74	15.84	15.68		
3	64QAM	15	0	15.88	15.90	15.77		
3	256QAM	1	0	15.72	15.84	15.91	16.8	0
3	256QAM	1	8	15.90	15.96	15.77		
3	256QAM	1	14	15.78	15.90	15.89		
3	256QAM	8	0	15.77	15.90	15.83	16.8	0
3	256QAM	8	4	15.74	15.76	15.66		
3	256QAM	8	7	15.77	15.81	15.78		
3	256QAM	15	0	15.90	15.92	15.95		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.83	16.01	15.86	16.8	0
1.4	QPSK	1	3	15.89	15.98	15.83		
1.4	QPSK	1	5	15.94	15.89	15.88		
1.4	QPSK	3	0	15.87	15.98	15.76		
1.4	QPSK	3	1	15.69	15.86	15.70		
1.4	QPSK	3	3	15.81	15.84	15.81		
1.4	QPSK	6	0	15.91	15.91	15.80	16.8	0
1.4	16QAM	1	0	15.83	15.94	15.96	16.8	0
1.4	16QAM	1	3	15.69	15.79	15.66		
1.4	16QAM	1	5	15.92	15.90	15.96		
1.4	16QAM	3	0	15.93	15.92	15.85		
1.4	16QAM	3	1	15.79	15.89	15.80		
1.4	16QAM	3	3	15.72	15.85	15.90		
1.4	16QAM	6	0	15.73	15.96	15.82	16.8	0
1.4	64QAM	1	0	15.77	15.88	15.80	16.8	0
1.4	64QAM	1	3	15.82	15.94	15.84		
1.4	64QAM	1	5	15.87	15.92	15.85		
1.4	64QAM	3	0	15.81	15.94	15.91		
1.4	64QAM	3	1	15.68	15.83	15.77		
1.4	64QAM	3	3	15.80	15.78	15.70		
1.4	64QAM	6	0	15.90	15.93	15.83	16.8	0
1.4	256QAM	1	0	15.72	15.80	15.83	16.8	0
1.4	256QAM	1	3	15.78	15.91	15.90		
1.4	256QAM	1	5	15.72	15.81	15.78		
1.4	256QAM	3	0	15.86	15.81	15.76		
1.4	256QAM	3	1	15.81	15.76	15.75		
1.4	256QAM	3	3	15.82	15.79	15.84		
1.4	256QAM	6	0	15.91	15.88	15.82	16.8	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.14	19.17	19.08	20.2	0
20	QPSK	1	49	19.05	19.15	19.14		
20	QPSK	1	99	18.95	19.09	18.99		
20	QPSK	50	0	18.98	19.14	18.99	20.2	0
20	QPSK	50	24	18.94	19.07	18.91		
20	QPSK	50	50	19.00	19.08	19.07		
20	QPSK	100	0	19.03	19.10	19.07		
20	16QAM	1	0	19.02	19.05	18.94	20.2	0
20	16QAM	1	49	18.90	19.05	18.98		
20	16QAM	1	99	18.86	19.02	18.87		
20	16QAM	50	0	19.09	19.15	19.09	20.2	0
20	16QAM	50	24	18.88	19.03	19.02		
20	16QAM	50	50	19.05	19.07	19.04		
20	16QAM	100	0	19.02	19.14	19.11		
20	64QAM	1	0	19.06	19.16	19.15	20.2	0
20	64QAM	1	49	19.07	19.12	19.11		
20	64QAM	1	99	18.90	19.01	19.00		
20	64QAM	50	0	19.09	19.11	19.01	20.2	0
20	64QAM	50	24	18.92	19.07	18.94		
20	64QAM	50	50	18.97	19.08	18.98		
20	64QAM	100	0	18.97	19.13	19.08		
20	256QAM	1	0	17.29	17.45	17.28	18.4	1.8
20	256QAM	1	49	17.35	17.50	17.40		
20	256QAM	1	99	17.39	17.42	17.27		
20	256QAM	50	0	17.31	17.33	17.17	18.4	1.8
20	256QAM	50	24	17.15	17.23	17.14		
20	256QAM	50	50	17.26	17.30	17.21		
20	256QAM	100	0	17.25	17.25	17.22		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.07	19.05	19.01	20.2	0
15	QPSK	1	37	18.91	19.14	18.98		
15	QPSK	1	74	18.82	19.03	18.97		
15	QPSK	36	0	18.85	19.13	18.87	20.2	0
15	QPSK	36	20	18.93	19.01	18.87		
15	QPSK	36	39	18.97	18.96	19.00		
15	QPSK	75	0	18.97	18.99	19.03		
15	16QAM	1	0	18.99	18.91	18.84	20.2	0
15	16QAM	1	37	18.76	18.95	18.86		
15	16QAM	1	74	18.79	18.88	18.80		
15	16QAM	36	0	19.06	19.04	18.93	20.2	0
15	16QAM	36	20	18.86	18.92	18.94		
15	16QAM	36	39	18.96	18.92	18.92		
15	16QAM	75	0	19.00	19.07	19.02		
15	64QAM	1	0	19.02	19.15	19.00	20.2	0
15	64QAM	1	37	19.02	19.02	19.09		
15	64QAM	1	74	18.85	18.99	18.96		
15	64QAM	36	0	19.01	18.96	18.87	20.2	0
15	64QAM	36	20	18.90	18.92	18.85		
15	64QAM	36	39	18.87	18.96	18.96		
15	64QAM	75	0	18.85	19.03	19.03		
15	256QAM	1	0	17.21	17.26	17.20	18.4	1.8
15	256QAM	1	37	17.19	17.38	17.24		
15	256QAM	1	74	17.36	17.26	17.24		
15	256QAM	36	0	17.25	17.27	17.11	18.4	1.8
15	256QAM	36	20	16.99	17.17	16.98		
15	256QAM	36	39	17.21	17.27	17.16		
15	256QAM	75	0	17.18	17.13	17.15		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.99	19.09	18.92	20.2	0
10	QPSK	1	25	19.04	19.11	19.11		
10	QPSK	1	49	18.79	18.93	18.94		
10	QPSK	25	0	18.90	19.03	18.91	20.2	0
10	QPSK	25	12	18.91	19.01	18.78		
10	QPSK	25	25	18.84	18.97	18.94		
10	QPSK	50	0	18.97	18.95	18.94		
10	16QAM	1	0	18.86	18.99	18.92	20.2	0
10	16QAM	1	25	18.89	18.91	18.93		
10	16QAM	1	49	18.81	19.01	18.81		
10	16QAM	25	0	19.02	19.11	19.08	20.2	0
10	16QAM	25	12	18.77	18.95	18.94		
10	16QAM	25	25	18.92	18.96	18.89		
10	16QAM	50	0	18.89	19.05	18.98		
10	64QAM	1	0	18.95	19.06	19.10	20.2	0
10	64QAM	1	25	19.02	19.00	19.05		
10	64QAM	1	49	18.76	18.85	18.84		
10	64QAM	25	0	18.98	19.05	18.92	20.2	0
10	64QAM	25	12	18.84	18.97	18.91		
10	64QAM	25	25	18.89	19.07	18.90		
10	64QAM	50	0	18.95	18.99	19.03		
10	256QAM	1	0	17.18	17.38	17.17	18.4	1.8
10	256QAM	1	25	17.27	17.34	17.32		
10	256QAM	1	49	17.25	17.30	17.13		
10	256QAM	25	0	17.17	17.29	17.03	18.4	1.8
10	256QAM	25	12	17.11	17.23	17.10		
10	256QAM	25	25	17.09	17.14	17.04		
10	256QAM	50	0	17.24	17.08	17.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.11	19.11	19.05	20.2	0
5	QPSK	1	12	18.94	19.08	19.01		
5	QPSK	1	24	18.90	19.06	18.86		
5	QPSK	12	0	18.82	19.02	18.88	20.2	0
5	QPSK	12	7	18.89	19.00	18.75		
5	QPSK	12	13	18.99	19.03	19.00		
5	QPSK	25	0	18.94	19.06	18.95		
5	16QAM	1	0	18.96	18.89	18.84	20.2	0
5	16QAM	1	12	18.78	19.04	18.85		
5	16QAM	1	24	18.80	18.92	18.74		
5	16QAM	12	0	19.07	19.10	19.07	20.2	0
5	16QAM	12	7	18.79	18.95	18.90		
5	16QAM	12	13	18.94	18.94	18.88		
5	16QAM	25	0	19.00	19.09	18.98		
5	64QAM	1	0	18.94	19.09	19.10	20.2	0
5	64QAM	1	12	19.02	19.03	19.00		
5	64QAM	1	24	18.84	18.93	18.88		
5	64QAM	12	0	18.99	19.00	18.96	20.2	0
5	64QAM	12	7	18.91	19.01	18.79		
5	64QAM	12	13	18.86	19.05	18.97		
5	64QAM	25	0	18.81	18.98	18.92		
5	256QAM	1	0	17.19	17.29	17.18	18.4	1.8
5	256QAM	1	12	17.34	17.35	17.39		
5	256QAM	1	24	17.22	17.41	17.10		
5	256QAM	12	0	17.12	17.15	16.98	18.4	1.8
5	256QAM	12	7	16.97	17.31	16.96		
5	256QAM	12	13	17.24	17.29	17.19		
5	256QAM	25	0	17.13	17.12	17.10		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.02	19.05	19.02	20.2	0
3	QPSK	1	8	18.92	19.13	19.03		
3	QPSK	1	14	18.80	19.06	18.94		
3	QPSK	8	0	18.96	19.05	18.90	20.2	0
3	QPSK	8	4	18.92	18.95	18.75		
3	QPSK	8	7	18.84	19.06	19.04		
3	QPSK	15	0	18.98	19.04	19.04		
3	16QAM	1	0	18.97	18.97	18.83	20.2	0
3	16QAM	1	8	18.86	18.89	18.91		
3	16QAM	1	14	18.80	18.90	18.83		
3	16QAM	8	0	18.98	19.12	19.04	20.2	0
3	16QAM	8	4	18.77	19.00	18.93		
3	16QAM	8	7	19.00	18.98	19.01		
3	16QAM	15	0	18.97	19.01	19.02		
3	64QAM	1	0	18.98	19.12	19.04	20.2	0
3	64QAM	1	8	18.98	19.09	19.04		
3	64QAM	1	14	18.78	18.92	18.91		
3	64QAM	8	0	19.08	19.07	18.95	20.2	0
3	64QAM	8	4	18.83	18.96	18.85		
3	64QAM	8	7	18.83	18.94	18.87		
3	64QAM	15	0	18.84	19.09	18.98		
3	256QAM	1	0	17.21	17.39	17.20	18.4	1.8
3	256QAM	1	8	17.16	17.35	17.21		
3	256QAM	1	14	17.20	17.23	17.08		
3	256QAM	8	0	17.16	17.25	17.02	18.4	1.8
3	256QAM	8	4	16.98	17.17	16.97		
3	256QAM	8	7	17.13	17.17	17.08		
3	256QAM	15	0	17.15	17.25	17.12		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.01	19.05	19.03	20.2	0
1.4	QPSK	1	3	18.91	19.06	19.13		
1.4	QPSK	1	5	18.90	19.05	18.91		
1.4	QPSK	3	0	18.82	19.12	18.89		
1.4	QPSK	3	1	18.84	18.92	18.89		
1.4	QPSK	3	3	18.90	19.01	18.94		
1.4	QPSK	6	0	18.89	19.07	19.02	20.2	0
1.4	16QAM	1	0	18.90	19.03	18.81	20.2	0
1.4	16QAM	1	3	18.77	18.98	18.85		
1.4	16QAM	1	5	18.84	19.00	18.86		
1.4	16QAM	3	0	18.93	19.08	18.93		
1.4	16QAM	3	1	18.77	18.95	18.90		
1.4	16QAM	3	3	18.95	18.96	18.95		
1.4	16QAM	6	0	18.86	19.10	18.95	20.2	0
1.4	64QAM	1	0	18.90	19.05	19.11	20.2	0
1.4	64QAM	1	3	19.06	19.04	18.98		
1.4	64QAM	1	5	18.77	18.94	18.99		
1.4	64QAM	3	0	19.05	18.96	18.86		
1.4	64QAM	3	1	18.87	19.01	18.79		
1.4	64QAM	3	3	18.87	18.92	18.94		
1.4	64QAM	6	0	18.81	19.03	18.97	20.2	0
1.4	256QAM	1	0	17.22	17.30	17.21	18.4	1.8
1.4	256QAM	1	3	17.29	17.35	17.34		
1.4	256QAM	1	5	17.26	17.33	17.14		
1.4	256QAM	3	0	17.13	17.18	16.99		
1.4	256QAM	3	1	16.99	17.21	16.98		
1.4	256QAM	3	3	17.22	17.14	17.17		
1.4	256QAM	6	0	17.14	17.09	17.11	18.4	1.8

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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	22.93	23.05	22.97	23.8	0
20	QPSK	1	49	22.69	22.86	22.71		
20	QPSK	1	99	22.80	22.90	22.78		
20	QPSK	50	0	22.84	22.93	22.87	23.3	0.5
20	QPSK	50	24	22.76	22.80	22.76		
20	QPSK	50	50	22.72	22.74	22.66		
20	QPSK	100	0	22.72	22.81	22.72		
20	16QAM	1	0	22.82	22.86	22.78	23.3	0.5
20	16QAM	1	49	22.91	23.03	22.93		
20	16QAM	1	99	22.87	22.91	22.85		
20	16QAM	50	0	21.77	21.88	21.86	22.3	1.5
20	16QAM	50	24	21.75	21.80	21.79		
20	16QAM	50	50	21.70	21.78	21.72		
20	16QAM	100	0	21.70	21.81	21.74		
20	64QAM	1	0	22.13	22.16	22.14	22.3	1.5
20	64QAM	1	49	21.78	21.86	21.78		
20	64QAM	1	99	21.71	21.75	21.80		
20	64QAM	50	0	20.78	20.83	20.81	21.3	2.5
20	64QAM	50	24	20.78	20.83	20.76		
20	64QAM	50	50	20.62	20.69	20.68		
20	64QAM	100	0	20.63	20.75	20.68		
20	256QAM	1	0	18.80	18.82	18.72	19.3	4.5
20	256QAM	1	49	18.67	18.85	18.74		
20	256QAM	1	99	18.65	18.80	18.79		
20	256QAM	50	0	18.68	18.79	18.68	19.3	4.5
20	256QAM	50	24	18.70	18.77	18.68		
20	256QAM	50	50	18.66	18.75	18.63		
20	256QAM	100	0	18.55	18.72	18.57		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.79	22.82	22.71	23.8	0
15	QPSK	1	37	22.54	22.78	22.55		
15	QPSK	1	74	22.72	22.84	22.60		
15	QPSK	36	0	22.80	22.81	22.86	23.3	0.5
15	QPSK	36	20	22.64	22.70	22.70		
15	QPSK	36	39	22.67	22.72	22.62		
15	QPSK	75	0	22.68	22.74	22.67		
15	16QAM	1	0	22.77	22.76	22.73	23.3	0.5
15	16QAM	1	37	22.85	22.98	22.91		
15	16QAM	1	74	22.79	22.79	22.80		
15	16QAM	36	0	21.76	21.86	21.76	22.3	1.5
15	16QAM	36	20	21.67	21.78	21.69		
15	16QAM	36	39	21.62	21.70	21.61		
15	16QAM	75	0	21.59	21.80	21.73		
15	64QAM	1	0	22.07	22.06	22.09	22.3	1.5
15	64QAM	1	37	21.72	21.77	21.76		
15	64QAM	1	74	21.68	21.73	21.69		
15	64QAM	36	0	20.70	20.82	20.77	21.3	2.5
15	64QAM	36	20	20.77	20.72	20.74		
15	64QAM	36	39	20.59	20.61	20.66		
15	64QAM	75	0	20.62	20.71	20.63		
15	256QAM	1	0	18.70	18.73	18.71	19.3	4.5
15	256QAM	1	37	18.61	18.75	18.67		
15	256QAM	1	74	18.60	18.79	18.73		
15	256QAM	36	0	18.63	18.68	18.61	19.3	4.5
15	256QAM	36	20	18.58	18.75	18.67		
15	256QAM	36	39	18.57	18.64	18.57		
15	256QAM	75	0	18.43	18.62	18.51		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	22.79	22.93	22.80	23.8	0
10	QPSK	1	25	22.52	22.71	22.59		
10	QPSK	1	49	22.67	22.76	22.73		
10	QPSK	25	0	22.78	22.91	22.79	23.3	0.5
10	QPSK	25	12	22.72	22.75	22.69		
10	QPSK	25	25	22.62	22.67	22.55		
10	QPSK	50	0	22.65	22.79	22.68		
10	16QAM	1	0	22.70	22.75	22.69	23.3	0.5
10	16QAM	1	25	22.83	23.00	22.84		
10	16QAM	1	49	22.78	22.79	22.76		
10	16QAM	25	0	21.72	21.85	21.80	22.3	1.5
10	16QAM	25	12	21.69	21.77	21.76		
10	16QAM	25	25	21.63	21.72	21.61		
10	16QAM	50	0	21.69	21.75	21.63		
10	64QAM	1	0	22.02	22.14	22.13	22.3	1.5
10	64QAM	1	25	21.75	21.81	21.75		
10	64QAM	1	49	21.69	21.69	21.67		
10	64QAM	25	0	20.66	20.71	20.69	21.3	2.5
10	64QAM	25	12	20.74	20.79	20.65		
10	64QAM	25	25	20.50	20.66	20.56		
10	64QAM	50	0	20.52	20.70	20.59		
10	256QAM	1	0	18.78	18.75	18.63	19.3	4.5
10	256QAM	1	25	18.64	18.76	18.73		
10	256QAM	1	49	18.54	18.70	18.70		
10	256QAM	25	0	18.58	18.69	18.65	19.3	4.5
10	256QAM	25	12	18.64	18.75	18.67		
10	256QAM	25	25	18.60	18.74	18.59		
10	256QAM	50	0	18.47	18.61	18.51		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	22.88	22.85	22.75	23.8	0
5	QPSK	1	12	22.62	22.74	22.61		
5	QPSK	1	24	22.61	22.71	22.62		
5	QPSK	12	0	22.78	22.85	22.75	23.3	0.5
5	QPSK	12	7	22.66	22.79	22.65		
5	QPSK	12	13	22.61	22.65	22.57		
5	QPSK	25	0	22.64	22.71	22.71		
5	16QAM	1	0	22.70	22.78	22.73	23.3	0.5
5	16QAM	1	12	22.89	22.94	22.86		
5	16QAM	1	24	22.84	22.88	22.83		
5	16QAM	12	0	21.68	21.85	21.81	22.3	1.5
5	16QAM	12	7	21.70	21.77	21.69		
5	16QAM	12	13	21.58	21.67	21.66		
5	16QAM	25	0	21.64	21.72	21.67		
5	64QAM	1	0	22.05	22.10	22.09	22.3	1.5
5	64QAM	1	12	21.67	21.82	21.68		
5	64QAM	1	24	21.68	21.68	21.66		
5	64QAM	12	0	20.72	20.81	20.77	21.3	2.5
5	64QAM	12	7	20.77	20.73	20.69		
5	64QAM	12	13	20.61	20.61	20.60		
5	64QAM	25	0	20.53	20.70	20.56		
5	256QAM	1	0	18.73	18.72	18.62	19.3	4.5
5	256QAM	1	12	18.66	18.84	18.72		
5	256QAM	1	24	18.63	18.73	18.75		
5	256QAM	12	0	18.65	18.71	18.63	19.3	4.5
5	256QAM	12	7	18.63	18.73	18.58		
5	256QAM	12	13	18.56	18.67	18.60		
5	256QAM	25	0	18.48	18.66	18.48		

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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	23.82	24.04	23.74	24.8	0
20	QPSK	1	49	23.80	23.94	23.71		
20	QPSK	1	99	23.78	23.83	23.61		
20	QPSK	50	0	23.11	23.14	23.07	23.8	1
20	QPSK	50	24	23.06	23.11	23.03		
20	QPSK	50	50	22.92	23.00	22.95		
20	QPSK	100	0	23.03	23.11	23.04		
20	16QAM	1	0	23.21	23.29	23.27	23.8	1
20	16QAM	1	49	23.13	23.14	23.08		
20	16QAM	1	99	23.16	23.20	23.19		
20	16QAM	50	0	22.10	22.20	22.17	22.8	2
20	16QAM	50	24	22.01	22.13	22.11		
20	16QAM	50	50	22.01	22.03	21.96		
20	16QAM	100	0	22.03	22.04	21.96		
20	64QAM	1	0	22.26	22.27	22.18	22.8	2
20	64QAM	1	49	22.22	22.26	22.19		
20	64QAM	1	99	22.07	22.12	22.08		
20	64QAM	50	0	21.06	21.16	21.06	21.8	3
20	64QAM	50	24	21.06	21.14	21.06		
20	64QAM	50	50	20.90	20.96	20.90		
20	64QAM	100	0	21.01	21.12	21.00		
20	256QAM	1	0	18.82	18.95	18.86	19.8	5
20	256QAM	1	49	18.80	18.93	18.85		
20	256QAM	1	99	18.86	18.88	18.77		
20	256QAM	50	0	18.79	18.84	18.80	19.8	5
20	256QAM	50	24	18.89	18.96	18.94		
20	256QAM	50	50	18.82	18.90	18.84		
20	256QAM	100	0	18.83	18.87	18.70		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	23.73	23.92	23.64	24.8	0
15	QPSK	1	37	23.75	23.92	23.68		
15	QPSK	1	74	23.74	23.82	23.58		
15	QPSK	36	0	22.97	23.11	22.93	23.8	1
15	QPSK	36	20	23.10	23.08	23.04		
15	QPSK	36	39	22.81	22.90	22.94		
15	QPSK	75	0	23.02	23.06	22.98		
15	16QAM	1	0	23.13	23.24	23.20	23.8	1
15	16QAM	1	37	23.06	23.11	23.03		
15	16QAM	1	74	23.04	23.18	23.15		
15	16QAM	36	0	22.06	22.13	22.16	22.8	2
15	16QAM	36	20	21.90	22.07	21.99		
15	16QAM	36	39	21.93	21.95	21.92		
15	16QAM	75	0	21.94	21.93	21.84		
15	64QAM	1	0	22.15	22.18	22.09	22.8	2
15	64QAM	1	37	22.11	22.23	22.11		
15	64QAM	1	74	21.97	22.00	22.05		
15	64QAM	36	0	21.03	21.12	21.01	21.8	3
15	64QAM	36	20	21.00	21.02	21.00		
15	64QAM	36	39	20.82	20.85	20.82		
15	64QAM	75	0	20.96	21.06	20.94		
15	256QAM	1	0	18.77	18.87	18.78	19.8	5
15	256QAM	1	37	18.72	18.89	18.80		
15	256QAM	1	74	18.77	18.78	18.69		
15	256QAM	36	0	18.74	18.78	18.73	19.8	5
15	256QAM	36	20	18.79	18.91	18.92		
15	256QAM	36	39	18.76	18.82	18.72		
15	256QAM	75	0	18.81	18.85	18.66		
Channel				133172	133297	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	0	23.81	24.02	23.58	24.8	0
10	QPSK	1	25	23.75	23.84	23.65		
10	QPSK	1	49	23.66	23.72	23.60		
10	QPSK	25	0	23.01	23.06	23.02	23.8	1
10	QPSK	25	12	23.01	23.05	23.05		
10	QPSK	25	25	22.82	22.95	22.92		
10	QPSK	50	0	22.98	22.99	22.99		
10	16QAM	1	0	23.14	23.27	23.19	23.8	1
10	16QAM	1	25	23.10	23.10	22.97		
10	16QAM	1	49	23.10	23.10	23.13		
10	16QAM	25	0	22.00	22.14	22.07	22.8	2
10	16QAM	25	12	21.94	22.03	22.05		
10	16QAM	25	25	21.90	22.01	21.88		
10	16QAM	50	0	21.93	21.95	21.86		
10	64QAM	1	0	22.15	22.25	22.11	22.8	2
10	64QAM	1	25	22.13	22.20	22.09		
10	64QAM	1	49	22.03	22.07	22.01		
10	64QAM	25	0	21.01	21.07	20.96	21.8	3
10	64QAM	25	12	20.99	21.02	21.05		
10	64QAM	25	25	20.82	20.84	20.80		
10	64QAM	50	0	20.90	21.03	20.92		
10	256QAM	1	0	18.75	18.94	18.83	19.8	5
10	256QAM	1	25	18.75	18.87	18.75		
10	256QAM	1	49	18.82	18.84	18.69		
10	256QAM	25	0	18.69	18.78	18.75	19.8	5
10	256QAM	25	12	18.83	18.85	18.86		
10	256QAM	25	25	18.75	18.79	18.73		
10	256QAM	50	0	18.74	18.79	18.69		
Channel				133147	133297	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	0	23.73	23.97	23.68	24.8	0
5	QPSK	1	12	23.71	23.91	23.67		
5	QPSK	1	24	23.74	23.79	23.57		
5	QPSK	12	0	22.98	23.12	22.98	23.8	1
5	QPSK	12	7	23.04	23.04	22.97		
5	QPSK	12	13	22.86	22.92	22.84		
5	QPSK	25	0	22.98	23.09	23.02		
5	16QAM	1	0	23.11	23.18	23.20	23.8	1
5	16QAM	1	12	23.03	23.13	23.07		
5	16QAM	1	24	23.09	23.08	23.07		
5	16QAM	12	0	22.07	22.17	22.06	22.8	2
5	16QAM	12	7	21.92	22.07	22.07		
5	16QAM	12	13	21.97	21.96	21.90		
5	16QAM	25	0	21.91	22.01	21.91		
5	64QAM	1	0	22.17	22.23	22.13	22.8	2
5	64QAM	1	12	22.14	22.14	22.10		
5	64QAM	1	24	21.99	22.04	22.00		
5	64QAM	12	0	20.99	21.15	20.95	21.8	3
5	64QAM	12	7	20.99	21.13	20.94		
5	64QAM	12	13	20.88	20.92	20.84		
5	64QAM	25	0	20.93	21.05	20.97		
5	256QAM	1	0	18.73	18.83	18.76	19.8	5
5	256QAM	1	12	18.77	18.82	18.74		
5	256QAM	1	24	18.77	18.78	18.66		
5	256QAM	12	0	18.77	18.78	18.70	19.8	5
5	256QAM	12	7	18.88	18.89	18.91		
5	256QAM	12	13	18.75	18.86	18.80		
5	256QAM	25	0	18.73	18.81	18.66		

Band 38_Ant 4

BW[MHz]	Modulation	RB Size	RB Offset	Power Low Ch.1 Freq. 37550	Power Middle Ch.18675 Freq. 38000	Power High Ch.1 Freq. 38350	Tune-up limit (dBm)	MPR (dB)
Channel Frequency [MHz]								
20	QPSK	1	0	21.48	21.48	21.48	22.5	0
20	QPSK	1	49	21.42	21.42	21.42		
20	QPSK	1	99	21.38	21.4	21.45		
20	QPSK	50	0	21.41	21.41	21.41	22.5	0
20	QPSK	50	49	21.35	21.32	21.31		
20	QPSK	50	50	21.35	21.32	21.31		
20	QPSK	100	0	21.37	21.37	21.37		
20	16QAM	1	0	20.7	20.72	20.7	22.5	0
20	16QAM	1	49	20.68	20.68	20.68		
20	16QAM	1	99	20.6	20.63	20.68		
20	16QAM	50	0	20.66	20.66	20.66	21.4	0.9
20	16QAM	50	49	20.63	20.63	20.63		
20	16QAM	50	50	20.6	20.6	20.7		
20	16QAM	100	0	20.67	20.67	20.67		
20	64QAM	1	0	20.07	20.03	20.07	21.4	0.9
20	64QAM	1	49	19.98	19.97	19.98		
20	64QAM	1	99	19.96	19.96	19.96		
20	64QAM	50	0	19.98	19.98	19.98	20.4	1.5
20	64QAM	50	49	19.95	19.93	19.9		
20	64QAM	50	50	19.95	19.93	19.9		
20	64QAM	100	0	19.96	19.96	19.96		
20	256QAM	1	0	17.45	17.45	17.45	18.4	3.9
20	256QAM	1	49	17.42	17.42	17.42		
20	256QAM	1	99	17.42	17.42	17.42		
20	256QAM	50	0	17.42	17.42	17.42	18.4	3.9
20	256QAM	50	49	17.39	17.39	17.39		
20	256QAM	50	50	17.39	17.39	17.39		
20	256QAM	100	0	17.41	17.41	17.41		
Channel Frequency [MHz]				37575	38000	38425	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	21.47	21.53	21.47	22.5	0
15	QPSK	1	37	21.12	21.12	21.17		
15	QPSK	1	74	21.18	21.12	21.17		
15	QPSK	36	0	21.41	21.41	21.41	22.5	0
15	QPSK	36	38	21.08	21.15	21.22		
15	QPSK	36	39	21.08	21.15	21.22		
15	QPSK	75	0	21.12	21.12	21.12		
15	16QAM	1	0	21.17	21.17	21.08	22.5	0
15	16QAM	1	37	20.82	20.82	20.87		
15	16QAM	1	74	20.87	20.82	20.87		
15	16QAM	36	0	20.82	20.82	20.82	21.4	0.9
15	16QAM	36	38	20.78	20.78	20.71		
15	16QAM	36	39	20.78	20.78	20.71		
15	16QAM	75	0	20.82	20.82	20.82		
15	64QAM	1	0	20.83	20.83	20.83	21.4	0.9
15	64QAM	1	37	20.78	20.78	20.78		
15	64QAM	1	74	20.78	20.78	20.71		
15	64QAM	36	0	20.78	20.78	20.78	20.4	1.5
15	64QAM	36	38	20.74	20.74	20.67		
15	64QAM	36	39	20.74	20.74	20.67		
15	64QAM	75	0	20.78	20.78	20.78		
15	256QAM	1	0	17.42	17.42	17.39	18.4	3.9
15	256QAM	1	37	17.39	17.39	17.39		
15	256QAM	1	74	17.39	17.39	17.39		
15	256QAM	36	0	17.39	17.39	17.39	18.4	3.9
15	256QAM	36	38	17.36	17.36	17.36		
15	256QAM	36	39	17.36	17.36	17.36		
15	256QAM	75	0	17.39	17.39	17.39		
Channel Frequency [MHz]				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	21.48	21.48	21.48	22.5	0
10	QPSK	1	24	21.42	21.42	21.42		
10	QPSK	1	49	21.38	21.38	21.38		
10	QPSK	25	0	21.41	21.41	21.41	22.5	0
10	QPSK	25	13	21.35	21.35	21.35		
10	QPSK	25	25	21.32	21.32	21.32		
10	QPSK	50	0	21.35	21.35	21.35		
10	16QAM	1	0	21.45	21.45	21.45	22.5	0
10	16QAM	1	24	21.45	21.45	21.45		
10	16QAM	1	49	21.42	21.42	21.42		
10	16QAM	25	0	20.82	20.82	20.82	21.4	0.9
10	16QAM	25	13	20.78	20.78	20.78		
10	16QAM	25	25	20.78	20.78	20.78		
10	16QAM	50	0	20.82	20.82	20.82		
10	64QAM	1	0	20.83	20.83	20.83	21.4	0.9
10	64QAM	1	24	20.78	20.78	20.78		
10	64QAM	1	49	20.78	20.78	20.78		
10	64QAM	25	0	20.78	20.78	20.78	20.4	1.5
10	64QAM	25	13	19.82	19.82	19.82		
10	64QAM	25	25	19.82	19.82	19.82		
10	64QAM	50	0	19.82	19.82	19.82		
10	256QAM	1	0	17.42	17.42	17.42	18.4	3.9
10	256QAM	1	24	17.39	17.39	17.39		
10	256QAM	1	49	17.39	17.39	17.39		
10	256QAM	25	0	17.39	17.39	17.39	18.4	3.9
10	256QAM	25	13	17.36	17.36	17.36		
10	256QAM	25	25	17.36	17.36	17.36		
10	256QAM	50	0	17.39	17.39	17.39		
Channel Frequency [MHz]				37975	38000	38025	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	21.48	21.48	21.48	22.5	0
5	QPSK	1	12	21.42	21.42	21.42		
5	QPSK	1	24	21.38	21.38	21.38		
5	QPSK	12	0	21.41	21.41	21.41	22.5	0
5	QPSK	12	6	21.35	21.35	21.35		
5	QPSK	12	11	21.32	21.32	21.32		
5	QPSK	25	0	21.35	21.35	21.35		
5	16QAM	1	0	21.45	21.45	21.45	22.5	0
5	16QAM	1	12	21.45	21.45	21.45		
5	16QAM	1	24	21.42	21.42	21.42		
5	16QAM	12	0	20.82	20.82	20.82	21.4	0.9
5	16QAM	12	7	20.82	20.82	20.82		
5	16QAM	12	14	20.78	20.78	20.78		
5	16QAM	25	0	20.82	20.82	20.82		
5	64QAM	1	0	20.83	20.83	20.83	21.4	0.9
5	64QAM	1	12	20.78	20.78	20.78		
5	64QAM	1	24	20.78	20.78	20.78		
5	64QAM	12	0	20.78	20.78	20.78	20.4	1.5
5	64QAM	12	7	19.82	19.82	19.82		
5	64QAM	12	14	19.82	19.82	19.82		
5	64QAM	25	0	19.82	19.82	19.82		
5	256QAM	1	0	17.42	17.42	17.42	18.4	3.9
5	256QAM	1	12	17.39	17.39	17.39		
5	256QAM	1	24	17.39	17.39	17.39		
5	256QAM	12	0	17.39	17.39	17.39	18.4	3.9
5	256QAM	12	7	17.36	17.36	17.36		
5	256QAM	12	14	17.36	17.36	17.36		
5	256QAM	25	0	17.39	17.39	17.39		

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BW[MHz]	Modulation	RB Size	RB Offset	Power Low Ch.1 Freq. 37550	Power Middle Ch.18675 Freq. 38000	Power High Ch.1 Freq. 38350	Tune-up limit (dBm)	MPR (dB)
Channel Frequency [MHz]								
20	QPSK	1	0	25.52	25.52	25.52	26.5	0
20	QPSK	1	49	25.52	25.52	25.52		
20	QPSK	1	99	25.52	25.52	25.52		
20	QPSK	50	0	25.52	25.52	25.52	25.5	1
20	QPSK	50	49	25.52	25.52	25.52		
20	QPSK	50	50	25.52	25.52	25.52		
20	QPSK	100	0	25.52	25.52	25.52		
20	16QAM	1	0	24.52	24.52	24.52	25.5	1
20	16QAM	1	49	24.52	24.52	24.52		
20	16QAM	1	99	24.52	24.52	24.52		
20	16QAM	50	0	24.52	24.52	24.52	24.5	2
20	16QAM	50	49	24.52	24.52	24.52		
20	16QAM	50	50	24.52	24.52	24.52		
20	16QAM	100	0	24.52	24.52	24.52		
20	64QAM	1	0	24.52	24.52	24.52	24.5	3
20	64QAM	1	49	24.52	24.52	24.52		
20	64QAM	1	99	24.52	24.52	24.52		
20	64QAM	50	0	24.52	24.52	24.52		
20	64QAM	50	49	24.52	24.52	24.52		
20	64QAM	50	50	24.52	24.52	24.52		
20	64QAM	100	0	24.52	24.52	24.52		
20	256QAM	1	0	19.82	19.82	19.82	19.8	6
20	256QAM	1	49	19.82	19.82	19.82		
20	256QAM	1	99	19.82	19.82	19.82		
20	256QAM	50	0	19.82	19.82	19.82	19.8	6
20	256QAM	50	49	19.82	19.82	19.82		
20	256QAM	50	50	19.82	19.82	19.82		
20	256QAM	100	0	19.82	19.82	19.82		
Channel Frequency [MHz]				37575	38000	38425	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	24.52	25.19	24.52	26.5	0
15	QPSK	1	37	23.19	23.19	23.61		
15	QPSK	1	74	23.19	23.19	23.61		
15	QPSK	36	0	24.52	24.52	24.52	25.5	1
15	QPSK	36	38	23.21	23.21	23.63		
15	QPSK	36	39	23.21	23.21	23.63		
15	QPSK	75	0	23.19	23.19	23.61		
15	16QAM	1	0	24.52	24.52	24.52	25.5	1
15	16QAM	1	37	23.49	23.49	23.91		
15	16QAM	1	74	23.49	23.49	23.91		
15	16QAM	36	0	23.49	23.49	23.49	24.5	2
15	16QAM	36	38	21.51	21.51	21.93		
15	16QAM	36	39	21.51	21.51	21.93		
15	16QAM	75	0	21.51	21.51	21.93		
15	64QAM	1	0	23.49	23.49	23.49	24.5	3
15	64QAM	1	37	21.51	21.51	21.93		
15	64QAM	1	74	21.51	21.51	21.93		
15	64QAM	36	0	21.51	21.51	21.51	19.8	6
15	64QAM	36	38	19.53	19.53	19.95		
15	64QAM	36	39	19.53	19.53	19.95		
15	64QAM	75	0	19.53	19.53	19.95		
15	256QAM	1	0	19.82	19.82	19.82	19.8	6
15	256QAM	1	37	18.19	18.19	18.61		
15	256QAM	1	74	18.19	18.19	18.61		
15	256QAM	36	0	18.19	18.19	18.19	19.8	6
15	256QAM	36	38	16.21	16.21	16.63		
15	256QAM	36	39	16.21	16.21	16.63		
15	256QAM	75	0	16.21	16.21	16.63		
Channel Frequency [MHz]				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	24.52	24.52	24.52	26.5	0
10	QPSK	1	24	23.89	23.89	23.89		
10	QPSK	1	49	23.89	23.89	23.89		
10	QPSK	25	0	24.52	24.52	24.52	25.5	1
10	QPSK	25	13	23.91	23.91	23.91		
10	QPSK	25	25	23.91	23.91	23.91		
10	QPSK	50	0	23.91	23.91	23.91		
10	16QAM	1	0	24.52	24.52	24.52	25.5	1
10	16QAM	1	24	23.49	23.49	23.49		
10	16QAM	1	49	23.49	23.49	23.49		
10	16QAM	25	0	23.49	23.49	23.49	24.5	2
10	16QAM	25	13	21.51	21.51	21.51		
10	16QAM	25	25	21.51	21.51	21.51		
10	16QAM	50	0	21.51	21.51	21.51		
10	64QAM	1	0	23.49	23.49	23.49	24.5	3
10	64QAM	1	24	21.51	21.51	21.51		
10	64QAM	1	49	21.51	21.51	21.51		
10	64QAM	25	0	21.51	21.51	21.51	19.8	6
10	64QAM	25	13	19.53	19.53	19.53		
10	64QAM	25	25	19.53	19.53	19.53		
10	64QAM	50	0	19.53	19.53	19.53		
10	256QAM	1	0	19.82	19.82	19.82	19.8	6
10	256QAM	1	24	18.19	18.19	18.19		
10	256QAM	1	49	18.19	18.19	18.19		
10	256QAM	25	0	18.19	18.19	18.19	19.8	6
10	256QAM	25	13	16.21	16.21	16.21		
10	256QAM	25	25	16.21	16.21	16.21		
10	256QAM	50	0	16.21	16.21	16.21		
Channel Frequency [MHz]				38000	38000	38000	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	24.52	24.52	24.52	26.5	0
5	QPSK	1	12	23.89	23.89	23.89		
5	QPSK	1	24	23.89	23.89	23.89		
5	QPSK	12	0	24.52	24.52	24.52	25.5	1
5	QPSK	12	6	23.91	23.91	23.91		
5	QPSK	12	11	23.91	23.91	23.91		
5	QPSK	25	0	23.91	23.91	23.91		
5	16QAM	1	0	24.52	24.52	24.52	25.5	1
5	16QAM	1	12	23.49	23.49	23.49		
5	16QAM	1	24	23.49	23.49	23.49		
5	16QAM	12	0	23.49	23.49	23.49	24.5	2
5	16QAM	12	7	21.51	21.51	21.51		
5	16QAM	12	14	21.51	21.51	21.51		
5	16QAM	25	0	21.51	21.51	21.51		
5	64QAM	1	0	23.49	23.49	23.49	24.5	3
5	64QAM	1	12	21.51	21.51	21.51		
5	64QAM	1	24	21.51	21.51	21.51		
5	64QAM	12	0	21.51	21.51	21.51	19.8	6
5	64QAM	12	7	19.53	19.53	19.53		
5	64QAM	12	14	19.53	19.53	19.53		
5	64QAM	25	0	19.53	19.53	19.53		
5	256QAM	1	0	19.82	19.82	19.82	19.8	6
5	256QAM	1	12	18.19	18.19	18.19		
5	256QAM	1	24	18.19	18.19	18.19		
5	256QAM	12	0	18.19	18.19	18.19	19.8	6
5	256QAM	12	7	16.21	16.21	16.21		
5	256QAM	12	14	16.21	16.21	16.21		
5	256QAM	25	0	16.21	16.21	16.21		

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BW[MHz]	Modulation	RB Size	RB Offset	Power Low Ch.39750	Power Low Middle Ch.40620	Power Middle Ch.40620	Power High Ch.41490	Power High Ch.41490	Tune-up limit (dBm)	MPR (dB)
Channel Frequency [MHz]										
20	QPSK	1	0	21.48	21.48	21.48	21.48	21.48	22.5	0
20	QPSK	1	49	21.42	21.42	21.42	21.42	21.42		
20	QPSK	1	99	21.38	21.38	21.38	21.38	21.38		
20	QPSK	50	0	21.41	21.41	21.41	21.41	21.41	22.5	0
20	QPSK	50	49	21.35	21.35	21.35	21.35	21.35		
20	QPSK	50	50	21.35	21.35	21.35	21.35	21.35		
20	QPSK	100	0	21.37	21.37	21.37	21.37	21.37		
20	16QAM	1	0	20.7	20.72	20.7	20.7	20.7	22.5	0
20	16QAM	1	49	20.68	20.68	20.68	20.68	20.68		
20	16QAM	1	99	20.68	20.68	20.68	20.68	20.68		
20	16QAM	50	0	20.66	20.66	20.66	20.66	20.66	21.4	0.9
20	16QAM	50	49	20.63	20.63	20.63	20.63	20.7		
20	16QAM	50	50	20.63	20.63	20.63	20.63	20.7		
20	16QAM	100	0	20.67	20.67	20.67	20.67	20.67		
20	64QAM	1	0	20.07	20.07	20.07	20.07	20.07	21.4	0.9
20	64QAM	1	49	19.98	19.98	19.98	19.98	19.98		
20	64QAM	1	99	19.98	19.98	19.98	19.98	19.98		
20	64QAM	50	0	19.98	19.98	19.98	19.98	19.98	20.4	1.5
20	64QAM	50	49	19.95	19.95	19.95	19.95	19.95		
20	64QAM	50	50	19.95	19.95	19.95	19.95	19.95		
20	64QAM	100	0	19.96	19.96	19.96	19.96	19.96		
20	256QAM	1	0	17.45	17.45	17.45	17.45	17.45	18.4	3.9
20	256QAM	1	49	17.42	17.42	17.42	17.42	17.42		
20	256QAM	1	99	17.42	17.42	17.42	17.42	17.42		
20	256QAM	50	0	17.42	17.42	17.42	17.42	17.42	18.4	3.9
20	256QAM	50	49	17.39	17.39	17.39	17.39	17.39		
20	256QAM	50	50	17.39	17.39	17.39	17.39	17.39		
20	256QAM	100	0	17.41	17.41	17.41	17.41	17.41		
Channel Frequency [MHz]				39775	40620	41465	42310	43155	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	21.53	21.53	21.53	21.53	21.47	22.50	0
15	QPSK	1	37	21.17	21.17	21.17	21.17	21.12		
15	QPSK	1	74	21.17	21.17	21.17	21.17	21.12		
15	QPSK	36	0	21.41	21.41	21.41	21.41	21.41	22.5	0
15	QPSK	36	38	21.21	21.21	21.21	21.21	21.15		
15	QPSK	36	39	21.21	21.21	21.21	21.21	21.15		
15	QPSK	75	0	21.21	21.21	21.21	21.21	21.12		
15	16QAM	1	0	21.17	21.17	21.17	21.17	21.08	22.5	0
15	16QAM	1	37	20.82	20.82	20.82	20.82	20.82		
15	16QAM	1	74	20.82	20.82	20.82	20.82	20.78		
15	16QAM	36	0	20.82	20.82	20.82	20.82	20.82	21.4	0.9
15	16QAM	36	38	20.78	20.78	20.78	20.78	20.71		
15	16QAM	36	39	20.78	20.78	20.78	20.78	20.71		
15	16QAM	75	0	20.82	20.82	20.82	20.82	20.78		
15	64QAM	1	0	20.83	20.83	20.83	20.83	20.83	21.4	0.9
15	64QAM	1	37	20.78	20.78	20.78	20.78	20.78		
15	64QAM	1	74	20.78	20.78	20.78	20.78	20.71		
15	64QAM	36	0	20.78	20.78	20.78	20.78	20.78	20.4	1.5
15	64QAM	36	38	20.74	20.74	20.74	20.74	20.67		
15	64QAM	36	39	20.74	20.74	20.74	20.74	20.67		
15	64QAM	75	0	20.78	20.78	20.78	20.78	20.78		
15	256QAM	1	0	17.42	17.42	17.42	17.42	17.39	18.4	3.9
15	256QAM	1	37	17.39	17.39	17.39	17.39	17.39		
15	256QAM	1	74	17.39	17.39	17.39	17.39	17.39		
15	256QAM	36	0	17.39	17.39	17.39	17.39	17.39	18.4	3.9
15	256QAM	36	38	17.36	17.36	17.36	17.36	17.36		
15	256QAM	36	39	17.36	17.36	17.36	17.36	17.36		
15	256QAM	75	0	17.39	17.39	17.39	17.39	17.39		
Channel Frequency [MHz]				40025	40620	41215	41810	42405	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	21.48	21.48	21.48	21.48	21.48	22.50	0
10	QPSK	1	24	21.42	21.42	21.42	21.42	21.42		
10	QPSK	1	49	21.38	21.38	21.38	21.38	21.38		
10	QPSK	25	0	21.41	21.41	21.41	21.41	21.41	22.5	0
10	QPSK	25	13	21.35	21.35	21.35	21.35	21.35		
10	QPSK	25	25	21.32	21.32	21.32	21.32	21.32		
10	QPSK	50	0	21.35	21.35	21.35	21.35	21.35		
10	16QAM	1	0	21.45	21.45	21.45	21.45	21.45	22.5	0
10	16QAM	1	24	21.45	21.45	21.45	21.45	21.45		
10	16QAM	1	49	21.42	21.42	21.42	21.42	21.42		
10	16QAM	25	0	20.82	20.82	20.82	20.82	20.82	21.4	0.9
10	16QAM	25	13	20.78	20.78	20.78	20.78	20.78		
10	16QAM	25	25	20.78	20.78	20.78	20.78	20.78		
10	16QAM	50	0	20.82	20.82	20.82	20.82	20.82		
10	64QAM	1	0	20.83	20.83	20.83	20.83	20.83	21.4	0.9
10	64QAM	1	24	20.78	20.78	20.78	20.78	20.78		
10	64QAM	1	49	20.78	20.78	20.78	20.78	20.78		
10	64QAM	25	0	20.78	20.78	20.78	20.78	20.78	20.4	1.5
10	64QAM	25	13	19.82	19.82	19.82	19.82	19.82		
10	64QAM	25	25	19.82	19.82	19.82	19.82	19.82		
10	64QAM	50	0	19.82	19.82	19.82	19.82	19.82		
10	256QAM	1	0	17.42	17.42	17.42	17.42	17.42	18.4	3.9
10	256QAM	1	24	17.39	17.39	17.39	17.39	17.39		
10	256QAM	1	49	17.39	17.39	17.39	17.39	17.39		
10	256QAM	25	0	17.39	17.39	17.39	17.39	17.39	18.4	3.9
10	256QAM	25	13	17.36	17.36	17.36	17.36	17.36		
10	256QAM	25	25	17.36	17.36	17.36	17.36	17.36		
10	256QAM	50	0	17.39	17.39	17.39	17.39	17.39		
Channel Frequency [MHz]				40175	40620	41065	41510	41955	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	21.48	21.48	21.48	21.48	21.48	22.50	0
5	QPSK	1	12	21.42	21.42	21.42	21.42	21.42		
5	QPSK	1	24	21.38	21.38	21.38	21.38	21.38		
5	QPSK	12	0	21.41	21.41	21.41	21.41	21.41	22.5	0
5	QPSK	12	6	21.35	21.35	21.35	21.35	21.35		
5	QPSK	12	11	21.32	21.32	21.32	21.32	21.32		
5	QPSK	25	0	21.35	21.35	21.35	21.35	21.35		
5	16QAM	1	0	21.45	21.45	21.45	21.45	21.45	22.5	0
5	16QAM	1	12	21.45	21.45	21.45	21.45	21.45		
5	16QAM	1	24	21.42	21.42	21.42	21.42	21.42		
5	16QAM	12	0	20.82	20.82	20.82	20.82	20.82	21.4	0.9
5	16QAM	12	7	20.82	20.82	20.82	20.82	20.82		
5	16QAM	12	14	20.78	20.78	20.78	20.78	20.78		
5	16QAM	25	0	20.82	20.82	20.82	20.82	20.82		
5	64QAM	1	0	20.83	20.83	20.83	20.83	20.83	21.4	0.9
5	64QAM	1	12	20.78	20.78	20.78	20.78	20.78		
5	64QAM	1	24	20.78	20.78	20.78	20.78	20.78		
5	64QAM	12	0	20.78	20.78	20.78	20.78

Band 41_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Low Middle Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel / Frequency (MHz)										
20	QPSK	1	0	39.97	39.97	39.97	39.97	39.97	19.2	0
20	QPSK	1	49	12.42	12.42	12.42	12.42	12.42		
20	QPSK	1	99	12.43	12.43	12.43	12.43	12.43		
20	QPSK	50	0	12.53	12.53	12.53	12.53	12.53		
20	QPSK	50	25	12.53	12.53	12.53	12.53	12.53		
20	QPSK	50	50	12.53	12.53	12.53	12.53	12.53		
20	16QAM	1	0	12.57	12.57	12.57	12.57	12.57		
20	16QAM	1	49	12.58	12.58	12.58	12.58	12.58		
20	16QAM	1	99	12.58	12.58	12.58	12.58	12.58		
20	16QAM	50	0	12.53	12.53	12.53	12.53	12.53		
20	16QAM	50	25	12.53	12.53	12.53	12.53	12.53		
20	16QAM	50	50	12.53	12.53	12.53	12.53	12.53		
20	64QAM	1	0	12.57	12.57	12.57	12.57	12.57		
20	64QAM	1	49	12.58	12.58	12.58	12.58	12.58		
20	64QAM	1	99	12.58	12.58	12.58	12.58	12.58		
20	64QAM	50	0	12.53	12.53	12.53	12.53	12.53		
20	64QAM	50	25	12.53	12.53	12.53	12.53	12.53		
20	64QAM	50	50	12.53	12.53	12.53	12.53	12.53		
20	256QAM	1	0	12.57	12.57	12.57	12.57	12.57		
20	256QAM	1	49	12.58	12.58	12.58	12.58	12.58		
20	256QAM	1	99	12.58	12.58	12.58	12.58	12.58		
20	256QAM	50	0	12.53	12.53	12.53	12.53	12.53		
20	256QAM	50	25	12.53	12.53	12.53	12.53	12.53		
20	256QAM	50	50	12.53	12.53	12.53	12.53	12.53		
Channel / Frequency (MHz)										
15	QPSK	1	0	39.97	39.97	39.97	39.97	39.97	19.2	0
15	QPSK	1	37	12.42	12.42	12.42	12.42	12.42		
15	QPSK	1	74	12.43	12.43	12.43	12.43	12.43		
15	QPSK	36	0	12.53	12.53	12.53	12.53	12.53		
15	QPSK	36	19	12.53	12.53	12.53	12.53	12.53		
15	QPSK	36	39	12.53	12.53	12.53	12.53	12.53		
15	16QAM	1	0	12.57	12.57	12.57	12.57	12.57		
15	16QAM	1	37	12.58	12.58	12.58	12.58	12.58		
15	16QAM	1	74	12.58	12.58	12.58	12.58	12.58		
15	16QAM	36	0	12.53	12.53	12.53	12.53	12.53		
15	16QAM	36	19	12.53	12.53	12.53	12.53	12.53		
15	16QAM	36	39	12.53	12.53	12.53	12.53	12.53		
15	64QAM	1	0	12.57	12.57	12.57	12.57	12.57		
15	64QAM	1	37	12.58	12.58	12.58	12.58	12.58		
15	64QAM	1	74	12.58	12.58	12.58	12.58	12.58		
15	64QAM	36	0	12.53	12.53	12.53	12.53	12.53		
15	64QAM	36	19	12.53	12.53	12.53	12.53	12.53		
15	64QAM	36	39	12.53	12.53	12.53	12.53	12.53		
15	256QAM	1	0	12.57	12.57	12.57	12.57	12.57		
15	256QAM	1	37	12.58	12.58	12.58	12.58	12.58		
15	256QAM	1	74	12.58	12.58	12.58	12.58	12.58		
15	256QAM	36	0	12.53	12.53	12.53	12.53	12.53		
15	256QAM	36	19	12.53	12.53	12.53	12.53	12.53		
15	256QAM	36	39	12.53	12.53	12.53	12.53	12.53		
Channel / Frequency (MHz)										
10	QPSK	1	0	39.97	39.97	39.97	39.97	39.97	19.2	0
10	QPSK	1	25	12.42	12.42	12.42	12.42	12.42		
10	QPSK	1	49	12.43	12.43	12.43	12.43	12.43		
10	QPSK	25	0	12.53	12.53	12.53	12.53	12.53		
10	QPSK	25	13	12.53	12.53	12.53	12.53	12.53		
10	QPSK	25	25	12.53	12.53	12.53	12.53	12.53		
10	16QAM	1	0	12.57	12.57	12.57	12.57	12.57		
10	16QAM	1	25	12.58	12.58	12.58	12.58	12.58		
10	16QAM	1	49	12.58	12.58	12.58	12.58	12.58		
10	16QAM	25	0	12.53	12.53	12.53	12.53	12.53		
10	16QAM	25	13	12.53	12.53	12.53	12.53	12.53		
10	16QAM	25	25	12.53	12.53	12.53	12.53	12.53		
10	64QAM	1	0	12.57	12.57	12.57	12.57	12.57		
10	64QAM	1	25	12.58	12.58	12.58	12.58	12.58		
10	64QAM	1	49	12.58	12.58	12.58	12.58	12.58		
10	64QAM	25	0	12.53	12.53	12.53	12.53	12.53		
10	64QAM	25	13	12.53	12.53	12.53	12.53	12.53		
10	64QAM	25	25	12.53	12.53	12.53	12.53	12.53		
10	256QAM	1	0	12.57	12.57	12.57	12.57	12.57		
10	256QAM	1	25	12.58	12.58	12.58	12.58	12.58		
10	256QAM	1	49	12.58	12.58	12.58	12.58	12.58		
10	256QAM	25	0	12.53	12.53	12.53	12.53	12.53		
10	256QAM	25	13	12.53	12.53	12.53	12.53	12.53		
10	256QAM	25	25	12.53	12.53	12.53	12.53	12.53		
Channel / Frequency (MHz)										
5	QPSK	1	0	39.97	39.97	39.97	39.97	39.97	19.2	0
5	QPSK	1	12	12.42	12.42	12.42	12.42	12.42		
5	QPSK	1	24	12.43	12.43	12.43	12.43	12.43		
5	QPSK	12	0	12.53	12.53	12.53	12.53	12.53		
5	QPSK	12	7	12.53	12.53	12.53	12.53	12.53		
5	QPSK	12	13	12.53	12.53	12.53	12.53	12.53		
5	16QAM	1	0	12.57	12.57	12.57	12.57	12.57		
5	16QAM	1	12	12.58	12.58	12.58	12.58	12.58		
5	16QAM	1	24	12.58	12.58	12.58	12.58	12.58		
5	16QAM	12	0	12.53	12.53	12.53	12.53	12.53		
5	16QAM	12	7	12.53	12.53	12.53	12.53	12.53		
5	16QAM	12	13	12.53	12.53	12.53	12.53	12.53		
5	64QAM	1	0	12.57	12.57	12.57	12.57	12.57		
5	64QAM	1	12	12.58	12.58	12.58	12.58	12.58		
5	64QAM	1	24	12.58	12.58	12.58	12.58	12.58		
5	64QAM	12	0	12.53	12.53	12.53	12.53	12.53		
5	64QAM	12	7	12.53	12.53	12.53	12.53	12.53		
5	64QAM	12	13	12.53	12.53	12.53	12.53	12.53		
5	256QAM	1	0	12.57	12.57	12.57	12.57	12.57		
5	256QAM	1	12	12.58	12.58	12.58	12.58	12.58		
5	256QAM	1	24	12.58	12.58	12.58	12.58	12.58		
5	256QAM	12	0	12.53	12.53	12.53	12.53	12.53		
5	256QAM	12	7	12.53	12.53	12.53	12.53	12.53		
5	256QAM	12	13	12.53	12.53	12.53	12.53	12.53		

Band 41_Ant 4 (HPUE)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Low Middle Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel / Frequency (MHz)										
20	QPSK	1	0	23.97	23.97	23.97	23.97	23.97	23.9	0
20	QPSK	1	49	22.42	22.42	22.42	22.42	22.42		
20	QPSK	1	99	22.42	22.42	22.42	22.42	22.42		
20	QPSK	50	0	22.53	22.53	22.53	22.53	22.53		
20	QPSK	50	25	22.53	22.53	22.53	22.53	22.53		
20	QPSK	50	50	22.53	22.53	22.53	22.53	22.53		
20	16QAM	1	0	22.57	22.57	22.57	22.57	22.57		
20	16QAM	1	49	22.58	22.58	22.58	22.58	22.58		
20	16QAM	1	99	22.58	22.58	22.58	22.58	22.58		
20	16QAM	50	0	22.53	22.53	22.53	22.53	22.53		
20	16QAM	50	25	22.53	22.53	22.53	22.53	22.53		
20	16QAM	50	50	22.53	22.53	22.53	22.53	22.53		
20	64QAM	1	0	22.57	22.57	22.57	22.57	22.57		
20	64QAM	1	49	22.58	22.58	22.58	22.58	22.58		
20	64QAM	1	99	22.58	22.58	22.58	22.58	22.58		
20	64QAM	50	0	22.53	22.53	22.53	22.53	22.53		
20	64QAM	50	25	22.53	22.53	22.53	22.53	22.53		
20	64QAM	50	50	22.53	22.53	22.53	22.53	22.53		
20	256QAM	1	0	22.57	22.57	22.57	22.57	22.57		
20	256QAM	1	49	22.58	22.58	22.58	22.58	22.58		
20	256QAM	1	99	22.58	22.58	22.58	22.58	22.58		
20	256QAM	50	0	22.53	22.53	22.53	22.53	22.53		
20	256QAM	50	25	22.53	22.53	22.53	22.53	22.53		
20	256QAM	50	50	22.53	22.53	22.53	22.53	22.53		
Channel / Frequency (MHz)										
15	QPSK	1	0	23.13	23.13	23.13	23.13	23.13	23.9	0
15	QPSK	1	37	22.42	22.42	22.42	22.42	22.42		
15	QPSK	1	74	22.42	22.42	22.42	22.42	22.42		
15	QPSK	36	0	22.53	22.53	22.53	22.53	22.53		
15	QPSK	36	19	22.53	22.53	22.53	22.53	22.53		
15	QPSK	36	39	22.53	22.53	22.53	22.53	22.53		
15	16QAM	1	0	22.57	22.57	22.57	22.57	22.57		
15	16QAM	1	37	22.58	22.58	22.58	22.58	22.58		
15	16QAM	1	74	22.58	22.58	22.58	22.58	22.58		
15	16QAM	36	0	22.53	22.53	22.53	22.53	22.53		
15	16QAM	36	19	22.53	22.53	22.53	22.53	22.53		
15	16QAM	36	39	22.53	22.53	22.53	22.53	22.53		
15	64QAM	1	0	22.57	22.57	22.57	22.57	22.57		
15	64QAM	1	37	22.58	22.58	22.58	22.58	22.58		
15	64QAM	1	74	22.58	22.58	22.58	22.58	22.58		
15	64QAM	36	0	22.53	22.53	22.53	22.53	22.53		
15	64QAM	36	19	22.53	22.53	22.53	22.53	22.53		
15	64QAM	36	39	22.53	22.53	22.53	22.53	22.53		
15	256QAM	1	0	22.57	22.57	22.57	22.57	22.57		
15	256QAM	1	37	22.58	22.58	22.58	22.58	22.58		
15	256QAM	1	74	22.58	22.58	22.58	22.58	22.58		
15	256QAM	36	0	22.53	22.53	22.53	22.53	22.53		
15	256QAM	36	19	22.53	22.53	22.53	22.53	22.53		
15	256QAM	36	39	22.53	22.53	22.53	22.53	22.53		
Channel / Frequency (MHz)										
10	QPSK	1	0	23.97	23.97	23.97	23.97	23.97	23.9	0
10	QPSK	1	25	22.42	22.42	22.42	22.42	22.42		
10	QPSK	1	49	22.42	22.42	22.42	22.42	22.42		
10	QPSK	25	0	22.53	22.53	22.53	22.53	22.53		
10	QPSK	25	13	22.53	22.53	22.53	22.53	22.53		
10	QPSK	25	25	22.53	22.53	22.53	22.53	22.53		
10	16QAM	1	0	22.57	22.57	22.57	22.57	22.57		
10	16QAM	1	25	22.58	22.58	22.58	22.58	22.58		
10	16QAM	1	49	22.58	22.58	22.58	22.58	22.58		
10	16QAM	25	0	22.53	22.53	22.53	22.53	22.53		
10	16QAM	25	13	22.53	22.53	22.53	22.53	22.53		
10	16QAM	25	25	22.53	22.53	22.53	22.53	22.53		
10	64QAM	1	0	22.57	22.57	22.57	22.57	22.57		
10	64QAM	1	25	22.58	22.58	22.58	22.58	22.58		
10	64QAM	1	49	22.58	22.58	22.58	22.58	22.58		
10	64QAM	25	0	22.53	22.53	22.53	22.53	22.53		
10	64QAM	25	13	22.53	22.53	22.53	22.53	22.53		
10	64QAM	25	25	22.53	22.53	22.53	22.53	22.53		
10	256QAM	1	0	22.57	22.57	22.57	22.57	22.57		
10	256QAM	1	25	22.58	22.58	22.58	22.58	22.58		
10	256QAM	1	49	22.58	22.58	22.58	22.58	22.58		
10	256QAM	25	0	22.53	22.53	22.53	22.53	22.53		
10	256QAM	25	13	22.53	22.53	22.53	22.53	22.53		
10	256QAM	25	25	22.53	22.53	22.53	22.53	22.53		
Channel / Frequency (MHz)										
5	QPSK	1	0	23.97	23.97	23.97	23.97	23.97	23.9	0
5	QPSK	1	12	22.42	22.42	22.42	22.42	22.42		
5	QPSK	1	24	22.42	22.42	22.42	22.42	22.42		
5	QPSK	12	0	22.53	22.53	22.53	22.53	22.53		
5	QPSK	12	7	22.53	22.53	22.53	22.53	22.53		
5	QPSK	12	13	22.53	22.53	22.53	22.53	22.53		
5	16QAM	1	0	22.57	22.57	22.57	22.57	22.57		
5	16QAM	1	12	22.58	22.58	22.58	22.58	22.58		
5	16QAM	1	24	22.58	22.58	22.58	22.58	22.58		
5	16QAM	12	0	22.53	22.53	22.53	22.53	22.53		
5	16QAM	12	7	22.53	22.53	22.53	22.53	22.53		
5	16QAM	12	13	22.53	22.53	22.53	22.53	22.53		
5	64QAM	1	0	22.57	22.57	22.57	22.57	22.57		
5	64QAM	1	12	22.58	22.58	22.58	22.58	22.58		
5	64QAM	1	24	22.58	22.58	22.58	22.58	22.58		
5	64QAM	12	0	22.53	22.53	22.53	22.53	22.53		
5	64QAM	12	7	22.53	22.53	22.53	22.53	22.53		
5	64QAM	12	13	22.53	22.53	22.53	22.53	22.53		
5	256QAM	1	0	22.57	22.57	22.57	22.57	22.57		
5	256QAM	1	12	22.58	22.58	22.58	22.58	22.58		
5	256QAM	1	24	22.58	22.58	22.58	22.58	22.58		
5	256QAM	12	0	22.53	22.53	22.53	22.53	22.53		
5	256QAM	12	7	22.53	22.53	22.53	22.53	22.53		
5	256QAM	12	13	22.53	22.53	22.53	22.53	22.53		

Band 41_Ant 5 (HPUE)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Low Middle Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel / Frequency (MHz)										
20	QPSK	1	0	26.97	26.97	26.97	26.97	26.97	26.0	0
20	QPSK	1	49	25.42	25.42	25.42	25.42	25.42		
20	QPSK	1	99	25.43	25.43	25.43	25.43	25.43		
20	QPSK	50	0	25.53	25.53	25.53	25.53	25.53		
20	QPSK	50	25	25.53	25.53	25.53	25.53	25.53		
20	QPSK	50	50	25.53	25.53	25.53	25.53	25.53		
20	16QAM	1	0	25.57	25.57	25.57	25.57	25.57		
20	16QAM	1	49	25.58	25.58	25.58	25.58	25.58		
20	16QAM	1	99	25.58	25.58	25.58	25.58	25.58		
20	16QAM	50	0	25.53	25.53	25.53	25.53	25.53		
20	16QAM	50	25	25.53	25.53	25.53	25.53	25.53		
20	16QAM	50	50	25.53	25.53	25.53	25.53	25.53		
20	64QAM	1	0	24.57	24.57	24.57	24.57	24.57		
20	64QAM	1	49	24.58	24.58	24.58	24.58	24.58		
20	64QAM	1	99	24.58	24.58	24.58	24.58	24.58		
20	64QAM	50	0	24.53	24.53	24.53	24.53	24.53		
20	64QAM	50	25	24.53	24.53	24.53	24.53	24.53		
20	64QAM	50	50	24.53	24.53	24.53	24.53	24.53		
20	256QAM	1	0	23.57	23.57	23.57	23.57	23.57		
20	256QAM	1	49	23.58	23.58	23.58	23.58	23.58		
20	256QAM	1	99	23.58	23.58	23.58	23.58	23.58		
20	256QAM	50	0	23.53	23.53	23.53	23.53	23.53		
20	256QAM	50	25	23.53	23.53	23.53	23.53	23.53		
20	256QAM	50	50	23.53	23.53	23.53	23.53	23.53		
Channel / Frequency (MHz)										
15	QPSK	1	0	26.97	26.97	26.97	26.97	26.97	26.60	0
15	QPSK	1	37	25.42	25.42	25.42	25.42	25.42		
15	QPSK	1	74	25.42	25.42	25.42	25.42	25.42		
15	QPSK	36	0	25.53	25.53	25.53	25.53	25.53		
15	QPSK	36	19	25.53	25.53	25.53	25.53	25.53		
15	QPSK	36	39	25.53	25.53	25.53	25.53	25.53		
15	16QAM	1	0	25.57	25.57	25.57	25.57	25.57		
15	16QAM	1	37	25.58	25.58	25.58	25.58	25.58		
15	16QAM	1	74	25.58	25.58	25.58	25.58	25.58		
15	16QAM	36	0	25.53	25.53	25.53	25.53	25.53		
15	16QAM	36	19	25.53	25.53	25.53	25.53	25.53		
15	16QAM	36	39	25.53	25.53	25.53	25.53	25.53		
15	64QAM	1	0	24.57	24.57	24.57	24.57	24.57		
15	64QAM	1	37	24.58	24.58	24.58	24.58	24.58		
15	64QAM	1	74	24.58	24.58	24.58	24.58	24.58		
15	64QAM	36	0	24.53	24.53	24.53	24.53	24.53		
15	64QAM	36	19	24.53	24.53	24.53	24.53	24.53		
15	64QAM	36	39	24.53	24.53	24.53	24.53	24.53		
15	256QAM	1	0	23.57	23.57	23.57	23.57	23.57		
15	256QAM	1	37	23.58	23.58	23.58	23.58	23.58		
15	256QAM	1	74	23.58	23.58	23.58	23.58	23.58		
15	256QAM	36	0	23.53	23.53	23.53	23.53	23.53		
15	256QAM	36	19	23.53	23.53	23.53	23.53	23.53		
15	256QAM	36	39	23.53	23.53	23.53	23.53	23.53		
Channel / Frequency (MHz)										
10	QPSK	1	0	26.97	26.97	26.97	26.97	26.97	26.60	0
10	QPSK	1	25	25.42	25.42	25.42	25.42	25.42		
10	QPSK	1	49	25.42	25.42	25.42	25.42	25.42		
10	QPSK	25	0	25.53	25.53	25.53	25.53	25.53		
10	QPSK	25	13	25.53	25.53	25.53	25.53	25.53		
10	QPSK	25	25	25.53	25.53	25.53	25.53	25.53		
10	16QAM	1	0	25.57	25.57	25.57	25.57	25.57		
10	16QAM	1	25	25.58	25.58	25.58	25.58	25.58		
10	16QAM	1	49	25.58	25.58	25.58	25.58	25.58		
10	16QAM	25	0	25.53	25.53	25.53	25.53	25.53		
10	16QAM	25	13	25.53	25.53	25.53	25.53	25.53		
10	16QAM	25	25	25.53	25.53	25.53	25.53	25.53		
10	64QAM	1	0	24.57	24.57	24.57	24.57	24.57		
10	64QAM	1	25	24.58	24.58	24.58	24.58	24.58		
10	64QAM	1	49	24.58	24.58	24.58	24.58	24.58		
10	64QAM	25	0	24.53	24.53	24.53	24.53	24.53		
10	64QAM	25	13	24.53	24.53	24.53	24.53	24.53		
10	64QAM	25	25	24.53	24.53	24.53	24.53	24.53		
10	256QAM	1	0	23.57	23.57	23.57	23.57	23.57		
10	256QAM	1	25	23.58	23.58	23.58	23.58	23.58		
10	256QAM	1	49	23.58	23.58	23.58	23.58	23.58		
10	256QAM	25	0	23.53	23.53	23.53	23.53	23.53		
10	256QAM	25	13	23.53	23.53	23.53	23.53	23.53		
10	256QAM	25	25	23.53	23.53	23.53	23.53	23.53		
Channel / Frequency (MHz)										
5	QPSK	1	0	26.97	26.97	26.97	26.97	26.97	26.60	0
5	QPSK	1	12	25.42	25.42	25.42	25.42	25.42		
5	QPSK	1	24	25.42	25.42	25.42	25.42	25.42		
5	QPSK	12	0	25.53	25.53	25.53	25.53	25.53		
5	QPSK	12	7	25.53	25.53	25.53	25.53	25.53		
5	QPSK	12	13	25.53	25.53	25.53	25.53	25.53		
5	16QAM	1	0	25.57	25.57	25.57	25.57	25.57		
5	16QAM	1	12	25.58	25.58	25.58	25.58	25.58		
5	16QAM	1	24	25.58	25.58	25.58	25.58	25.58		
5	16QAM	12	0	25.53	25.53	25.53	25.53	25.53		
5	16QAM	12	7	25.53	25.53	25.53	25.53	25.53		
5	16QAM	12	13	25.53	25.53	25.53	25.53	25.53		
5	64QAM	1	0	24.57	24.57	24.57	24.57	24.57		
5	64QAM	1	12	24.58	24.58	24.58	24.58	24.58		
5	64QAM	1	24	24.58	24.58	24.58	24.58	24.58		
5	64QAM	12	0	24.53	24.53	24.53	24.53	24.53		
5	64QAM	12	7	24.53	24.53	24.53	24.53	24.53		
5	64QAM	12	13	24.53	24.53	24.53	24.53	24.53		
5	256QAM	1	0	23.57	23.57	23.57	23.57	23.57		
5	256QAM	1	12	23.58	23.58	23.58	23.58	23.58		
5	256QAM	1	24	23.58	23.58	23.58	23.58	23.58		
5	256QAM	12	0	23.53	23.53	23.53	23.53	23.53		
5	256QAM	12	7	23.53	23.53	23.53	23.53	23.53		
5	256QAM	12	13	23.53	23.53	23.53	23.53	23.53		

Band 41_Ant 6 (HPUE)

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. (dBm) | Power Low Middle Ch. / Freq. (dBm) | Power Middle Ch. / Freq. (dBm) | Power High Middle

Band 48_Ant 6

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]
				55990	56490	56990	56490		
Frequency [MHz]				12.48	14.48	14.93	16.43	15.5	0
20	QPSK	1	0	12.47	14.48	14.93	16.43	15.5	0
20	QPSK	1	49	14.48	14.48	16.93	16.43	15.5	0
20	QPSK	50	0	12.47	14.48	14.93	16.43	15.5	0
20	QPSK	50	50	12.47	14.48	14.93	16.43	15.5	0
20	16QAM	1	0	12.47	14.48	14.93	16.43	15.5	0
20	16QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
20	16QAM	50	0	12.47	14.48	14.93	16.43	15.5	0
20	16QAM	50	50	12.47	14.48	14.93	16.43	15.5	0
20	64QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
20	64QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
20	64QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
20	64QAM	50	50	12.48	14.48	14.93	16.43	15.5	0
20	256QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
20	256QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
20	256QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
20	256QAM	50	50	12.48	14.48	14.93	16.43	15.5	0
20	256QAM	100	0	12.48	14.48	14.93	16.43	15.5	0
				55990	56490	56990	56490	Tune-up limit [dBm]	MPR [dB]
Channel									
15	QPSK	1	0	12.47	14.48	14.93	16.43	15.5	0
15	QPSK	1	14	12.48	14.48	14.93	16.43	15.5	0
15	QPSK	1	74	12.48	14.48	14.93	16.43	15.5	0
15	QPSK	36	0	12.47	14.48	14.93	16.43	15.5	0
15	QPSK	36	39	12.48	14.48	14.93	16.43	15.5	0
15	QPSK	75	0	12.48	14.48	14.93	16.43	15.5	0
15	16QAM	1	0	12.47	14.48	14.93	16.43	15.5	0
15	16QAM	1	14	12.47	14.48	14.93	16.43	15.5	0
15	16QAM	1	74	12.48	14.48	14.93	16.43	15.5	0
15	16QAM	36	0	12.47	14.48	14.93	16.43	15.5	0
15	16QAM	36	39	12.48	14.48	14.93	16.43	15.5	0
15	16QAM	75	0	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	1	14	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	1	74	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	36	0	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	36	39	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	75	0	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	1	14	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	1	74	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	36	0	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	36	39	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	75	0	12.48	14.48	14.93	16.43	15.5	0
				55990	56490	56990	56490	Tune-up limit [dBm]	MPR [dB]
Channel									
10	QPSK	1	0	12.48	14.48	14.93	16.43	15.5	0
10	QPSK	1	24	12.48	14.48	14.93	16.43	15.5	0
10	QPSK	1	49	14.48	14.48	16.93	16.43	15.5	0
10	QPSK	25	0	12.47	14.48	14.93	16.43	15.5	0
10	QPSK	25	25	12.47	14.48	14.93	16.43	15.5	0
10	QPSK	50	0	12.47	14.48	14.93	16.43	15.5	0
10	QPSK	50	50	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	1	0	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	1	24	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
10	16QAM	25	0	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	25	25	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
10	16QAM	50	50	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
10	64QAM	25	0	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	25	25	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	50	50	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
10	256QAM	25	0	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	25	25	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
				55990	56490	56990	56490	Tune-up limit [dBm]	MPR [dB]
Channel									
5	QPSK	1	0	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	1	12	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	1	24	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	12	0	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	12	13	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	12	25	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	1	12	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	12	0	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	12	13	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	12	25	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	1	12	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	12	0	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	12	13	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	12	25	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	1	12	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	12	0	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	12	13	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	12	25	12.48	14.48	14.93	16.43	15.5	0

Band 48_Ant 7

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]
				55990	56490	56990	56490		
Frequency [MHz]				20.48	21.02	20.97	20.48		
20	QPSK	1	0	20.48	21.02	20.97	20.48	22.3	0
20	QPSK	1	49	20.48	20.48	20.48	20.48		
20	QPSK	50	0	20.48	20.48	20.48	20.48	22.3	0
20	QPSK	50	50	20.48	20.48	20.48	20.48		
20	16QAM	1	0	20.48	20.48	20.48	20.48	21.8	0.5
20	16QAM	1	49	20.48	20.48	20.48	20.48		
20	16QAM	50	0	20.48	20.48	20.48	20.48	21.8	0.5
20	16QAM	50	50	20.48	20.48	20.48	20.48		
20	64QAM	1	0	20.48	19.95	19.95	19.47	20.8	1.5
20	64QAM	1	49	20.48	20.48	20.48	20.48		
20	64QAM	50	0	20.48	19.95	19.95	19.47	20.8	1.5
20	64QAM	50	50	20.48	20.48	20.48	20.48		
20	256QAM	1	0	17.48	17.48	17.48	17.48	19.8	3.5
20	256QAM	1	49	17.48	17.48	17.48	17.48		
20	256QAM	50	0	17.48	17.48	17.48	17.48	19.8	3.5
20	256QAM	50	50	17.48	17.48	17.48	17.48		
20	256QAM	100	0	17.48	17.48	17.48	17.48	19.8	3.5
				55990	56490	56990	56490	Tune-up limit [dBm]	MPR [dB]
Channel									
15	QPSK	1	0	20.48	20.97	21.02	20.48	22.3	0
15	QPSK	1	14	20.48	20.97	20.97	20.48		
15	QPSK	1	74	20.48	20.97	20.97	20.97		
15	QPSK	36	0	20.48	20.48	20.48	20.48	22.3	0
15	QPSK	36	39	20.48	20.48	20.48	20.48		
15	QPSK	75	0	20.48	20.48	20.48	20.48		
15	16QAM	1	0	20.48	20.48	20.48	20.48	21.8	0.5
15	16QAM	1	14	20.48	20.48	20.48	20.48		
15	16QAM	1	74	20.48	20.48	20.48	20.48		
15	16QAM	36	0	20.48	20.48	20.48	20.48	21.8	0.5
15	16QAM	36	39	20.48	20.48	20.48	20.48		
15	16QAM	75	0	20.48	20.48	20.48	20.48		
15	64QAM	1	0	20.48	19.95	19.95	19.47	20.8	1.5
15	64QAM	1	14	20.48	20.48	20.48	20.48		
15	64QAM	1	74	20.48	20.48	20.48	20.48		
15	64QAM	36	0	20.48	19.95	19.95	19.47	20.8	1.5
15	64QAM	36	39	20.48	20.48	20.48	20.48		
15	64QAM	75	0	20.48	20.48	20.48	20.48		
15	256QAM	1	0	17.48	17.48	17.48	17.48	19.8	3.5
15	256QAM	1	14	17.48	17.48	17.48	17.48		
15	256QAM	1	74	17.48	17.48	17.48	17.48		
15	256QAM	36	0	17.48	17.48	17.48	17.48	19.8	3.5
15	256QAM	36	39	17.48	17.48	17.48	17.48		
15	256QAM	75	0	17.48	17.48	17.48	17.48		
				55990	56490	56990	56490	Tune-up limit [dBm]	MPR [dB]
Channel									
10	QPSK	1	0	20.48	20.48	20.48	20.48	22.3	0
10	QPSK	1	24	20.48	20.48	20.48	20.48		
10	QPSK	1	49	20.48	20.48	20.48	20.48		
10	QPSK	25	0	20.48	20.48	20.48	20.48	22.3	0
10	QPSK	25	25	20.48	20.48	20.48	20.48		
10	QPSK	50	0	20.48	20.48	20.48	20.48		
10	QPSK	50	50	20.48	20.48	20.48	20.48		
10	16QAM	1	0	20.48	20.48	20.48	20.48	21.8	0.5
10	16QAM	1	24	20.48	20.48	20.48	20.48		
10	16QAM	1	49	20.48	20.48	20.48	20.48		
10	16QAM	25	0	20.48	20.48	20.48	20.48	21.8	0.5
10	16QAM	25	25	20.48	20.48	20.48	20.48		
10	16QAM	50	0	20.48	20.48	20.48	20.48		
10	16QAM	50	50	20.48	20.48	20.48	20.48		
10	64QAM	1	0	20.48	19.95	19.95	19.47	20.8	1.5
10	64QAM	1	24	20.48	20.48	20.48	20.48		
10	64QAM	1	49	20.48	20.48	20.48	20.48		
10	64QAM	25	0	20.48	19.95	19.95	19.47	20.8	1.5
10	64QAM	25	25	20.48	20.48	20.48	20.48		
10	64QAM	50	0	20.48	20.48	20.48	20.48		
10	64QAM	50	50	20.48	20.48	20.48	20.48		
10	256QAM	1	0	17.48	17.48	17.48	17.48	19.8	3.5
10	256QAM	1	24	17.48	17.48	17.48	17.48		
10	256QAM	1	49	17.48	17.48	17.48	17.48		
10	256QAM	25	0	17.48	17.48	17.48	17.48	19.8	3.5
10	256QAM	25	25	17.48	17.48	17.48	17.48		
10	256QAM	50	0	17.48	17.48	17.48	17.48		
				55990	56490	56990	56490	Tune-up limit [dBm]	MPR [dB]
Channel									
5	QPSK	1	0	20.48	20.48	20.48	20.48	22.3	0
5	QPSK	1	12	20.48	20.48	20.48	20.48		
5	QPSK	1	24	20.48	20.48	20.48	20.48		
5	QPSK	12	0	20.48	20.48	20.48	20.48	22.3	0
5	QPSK	12	13	20.48	20.48	20.48	20.48		
5	QPSK	12	25	20.48	20.48	20.48	20.48		
5	16QAM	1	0	20.48	20.48	20.48	20.48	21.8	0.5
5	16QAM	1	12	20.48	20.48	20.48	20.48		
5	16QAM	1	24	20.48	20.48	20.48	20.48		
5	16QAM	12	0	20.48	20.48	20.48	20.48	21.8	0.5
5	16QAM	12	13	20.48	20.48	20.48	20.48		
5	16QAM	12	25	20.48	20.48	20.48	20.48		
5	64QAM	1	0	20.48	19.95	19.95	19.47	20.8	1.5
5	64QAM	1	12	20.48	20.48	20.48	20.48		
5	64QAM	1	24	20.48	20.48	20.48	20.48		
5	64QAM	12	0	20.48	19.95	19.95	19.47	20.8	1.5
5	64QAM	12	13	20.48	20.48	20.48	20.48		
5	64QAM	12	25	20.48	20.48	20.48	20.48		
5	256QAM	1	0	17.48	17.48	17.48	17.48	19.8	3.5
5	256QAM	1	12	17.48	17.48	17.48	17.48		
5	256QAM	1	24	17.48	17.48	17.48	17.48		
5	256QAM	12	0	17.48	17.48	17.48	17.48	19.8	3.5
5	256QAM	12	13	17.48	17.48	17.48	17.48		
5	256QAM	12	25	17.48	17.48	17.48	17.48		

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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]
				55990	56490	56990	56490		
Frequency [MHz]				12.48	14.48	14.93	16.43	15.5	0
20	QPSK	1	0	12.47	14.48	14.93	16.43	15.5	0
20	QPSK	1	49	14.48	14.48	16.93	16.43	15.5	0
20	QPSK	50	0	12.47	14.48	14.93	16.43	15.5	0
20	QPSK	50	50	12.47	14.48	14.93	16.43	15.5	0
20	16QAM	1	0	12.47	14.48	14.93	16.43	15.5	0
20	16QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
20	16QAM	50	0	12.47	14.48	14.93	16.43	15.5	0
20	16QAM	50	50	12.47	14.48	14.93	16.43	15.5	0
20	64QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
20	64QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
20	64QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
20	64QAM	50	50	12.48	14.48	14.93	16.43	15.5	0
20	256QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
20	256QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
20	256QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
20	256QAM	50	50	12.48	14.48	14.93	16.43	15.5	0
20	256QAM	100	0	12.48	14.48	14.93	16.43	15.5	0
				55990	56490	56990	56490	Tune-up limit [dBm]	MPR [dB]
Channel									
15	QPSK	1	0	12.48	14.48	14.93	16.43	15.5	0
15	QPSK	1	14	12.48	14.48	14.93	16.43	15.5	0
15	QPSK	1	74	12.48	14.48	14.93	16.43	15.5	0
15	QPSK	36	0	12.47	14.48	14.93	16.43	15.5	0
15	QPSK	36	39	12.48	14.48	14.93	16.43	15.5	0
15	QPSK	75	0	12.48	14.48	14.93	16.43	15.5	0
15	16QAM	1	0	12.47	14.48	14.93	16.43	15.5	0
15	16QAM	1	14	12.47	14.48	14.93	16.43	15.5	0
15	16QAM	1	74	12.48	14.48	14.93	16.43	15.5	0
15	16QAM	36	0	12.47	14.48	14.93	16.43	15.5	0
15	16QAM	36	39	12.48	14.48	14.93	16.43	15.5	0
15	16QAM	75	0	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	1	14	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	1	74	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	36	0	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	36	39	12.48	14.48	14.93	16.43	15.5	0
15	64QAM	75	0	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	1	14	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	1	74	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	36	0	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	36	39	12.48	14.48	14.93	16.43	15.5	0
15	256QAM	75	0	12.48	14.48	14.93	16.43	15.5	0
				55990	56490	56990	56490	Tune-up limit [dBm]	MPR [dB]
Channel									
10	QPSK	1	0	12.48	14.48	14.93	16.43	15.5	0
10	QPSK	1	24	12.48	14.48	14.93	16.43	15.5	0
10	QPSK	1	49	14.48	14.48	16.93	16.43	15.5	0
10	QPSK	25	0	12.47	14.48	14.93	16.43	15.5	0
10	QPSK	25	25	12.47	14.48	14.93	16.43	15.5	0
10	QPSK	50	0	12.47	14.48	14.93	16.43	15.5	0
10	QPSK	50	50	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	1	0	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	1	24	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
10	16QAM	25	0	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	25	25	12.47	14.48	14.93	16.43	15.5	0
10	16QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
10	16QAM	50	50	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
10	64QAM	25	0	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	25	25	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
10	64QAM	50	50	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	1	49	14.48	14.48	16.93	16.43	15.5	0
10	256QAM	25	0	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	25	25	12.48	14.48	14.93	16.43	15.5	0
10	256QAM	50	0	12.48	14.48	14.93	16.43	15.5	0
				55990	56490	56990	56490	Tune-up limit [dBm]	MPR [dB]
Channel									
5	QPSK	1	0	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	1	12	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	1	24	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	12	0	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	12	13	12.48	14.48	14.93	16.43	15.5	0
5	QPSK	12	25	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	1	12	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	12	0	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	12	13	12.48	14.48	14.93	16.43	15.5	0
5	16QAM	12	25	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	1	12	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	12	0	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	12	13	12.48	14.48	14.93	16.43	15.5	0
5	64QAM	12	25	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	1	0	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	1	12	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	1	24	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	12	0	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	12	13	12.48	14.48	14.93	16.43	15.5	0
5	256QAM	12	25	12.48	14.48	14.93	16.43	15.5	0

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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]
				55990	56490	56990	56490		
Frequency [MHz]				16.17	18.18	18.18	18.18	19.3	0
20	QPSK	1	0	16.17	18.17	18.18	18.18	19.3	0
20	QPSK	1	49	18.17	18.18	18.18	18.20	19.3	0
20	QPSK	50	0	16.17	18.18	18.18	18.20	19.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				3850	3890	3930		
Frequency [MHz]				3850	3890	3930		
20	PI/2-BPSK	1	0	19.12	19.11	19.12	19.7	0.0
20	PI/2-BPSK	1	49	19.12	19.12	19.12		
20	PI/2-BPSK	1	99	19.12	19.12	19.12		
20	PI/2-BPSK	50	0	18.12	18.12	18.22	18.7	0.5
20	PI/2-BPSK	50	25	18.28	18.11	18.28	18.7	0.5
20	PI/2-BPSK	50	50	18.28	18.11	18.28	18.7	0.5
20	PI/2-BPSK	100	0	18.28	18.11	18.28		
20	QPSK	1	0	19.12	19.09	19.07	19.7	0.0
20	QPSK	1	49	19.12	19.09	19.07		
20	QPSK	1	99	19.12	19.11	19.09		
20	QPSK	50	0	18.12	18.12	18.22	18.7	0.5
20	QPSK	50	25	18.28	18.11	18.28	18.7	0.5
20	QPSK	50	50	18.28	18.11	18.28		
20	QPSK	100	0	18.28	18.11	18.28	18.7	0.5
20	16QAM	1	0	18.12	18.09	18.07	18.7	0.5
20	16QAM	1	49	18.12	18.09	18.07		
20	16QAM	1	99	17.98	18.09	17.98	18.7	0.5
20	16QAM	50	0	17.12	17.09	17.22	17.7	0.5
Channel				3855	3890	3925	Tune-up limit	MPR
Frequency [MHz]				3855	3890	3925	[dBm]	[dB]
15	QPSK	1	0	19.12	19.09	19.07	19.7	0.0
Channel				3860	3890	3920	Tune-up limit	MPR
Frequency [MHz]				3860	3890	3920	[dBm]	[dB]
10	QPSK	1	0	19.12	19.09	19.07	19.7	0.0
Channel				3865	3890	3915	Tune-up limit	MPR
Frequency [MHz]				3865	3890	3915	[dBm]	[dB]
5	QPSK	1	0	19.12	19.12	19.12	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				3850	3890	3930		
Frequency [MHz]				3850	3890	3930		
20	PI/2-BPSK	1	0	21.12	21.11	21.12	20.2	0.0
20	PI/2-BPSK	1	49	21.12	21.12	21.12		
20	PI/2-BPSK	1	99	22.12	22.12	22.12		
20	PI/2-BPSK	50	0	20.12	20.22	20.12	20.2	0.5
20	PI/2-BPSK	50	25	20.12	20.28	20.28	20.2	0.5
20	PI/2-BPSK	50	50	20.12	20.28	20.28	20.2	0.5
20	PI/2-BPSK	100	0	20.12	20.28	20.28		
20	QPSK	1	0	20.12	20.22	20.15	20.2	0.0
20	QPSK	1	49	20.12	20.22	20.15		
20	QPSK	1	99	20.12	20.12	20.15		
20	QPSK	50	0	20.12	20.22	20.12	20.2	0.5
20	QPSK	50	25	20.12	20.12	20.12	20.2	0.5
20	QPSK	50	50	20.12	20.12	20.12		
20	QPSK	100	0	20.12	20.12	20.12	20.2	0.5
20	16QAM	1	0	20.12	20.22	20.15	20.2	0.5
20	16QAM	1	49	20.12	20.22	20.15		
20	16QAM	1	99	20.12	20.22	20.15		
20	16QAM	50	0	20.12	20.22	20.12	20.2	0.5
Channel				3855	3890	3925	Tune-up limit	MPR
Frequency [MHz]				3855	3890	3925	[dBm]	[dB]
15	QPSK	1	0	20.12	20.22	20.15	20.2	0.0
Channel				3860	3890	3920	Tune-up limit	MPR
Frequency [MHz]				3860	3890	3920	[dBm]	[dB]
10	QPSK	1	0	20.12	20.22	20.15	20.2	0.0
Channel				3865	3890	3915	Tune-up limit	MPR
Frequency [MHz]				3865	3890	3915	[dBm]	[dB]
5	QPSK	1	0	20.12	20.12	20.12	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				3850	3890	3930		
Frequency [MHz]				3850	3890	3930		
20	PI/2-BPSK	1	0	12.12	12.11	12.12	15.7	0.0
20	PI/2-BPSK	1	49	12.12	12.12	12.12		
20	PI/2-BPSK	1	99	12.12	12.12	12.12		
20	PI/2-BPSK	50	0	11.12	11.12	11.12	15.7	0.5
20	PI/2-BPSK	50	25	11.16	11.09	11.16	15.7	0.5
20	PI/2-BPSK	50	50	11.16	11.09	11.16		
20	PI/2-BPSK	100	0	11.16	11.09	11.16	15.7	0.5
20	QPSK	1	0	12.12	12.07	12.09	15.7	0.0
20	QPSK	1	49	12.12	12.07	12.09		
20	QPSK	1	99	12.12	12.09	12.12		
20	QPSK	50	0	11.12	11.12	11.12	15.7	0.5
20	QPSK	50	25	11.16	11.09	11.16	15.7	0.5
20	QPSK	50	50	11.16	11.09	11.16		
20	QPSK	100	0	11.16	11.09	11.16	15.7	0.5
20	16QAM	1	0	11.12	11.09	11.09	15.7	0.5
20	16QAM	1	49	11.12	11.09	11.09		
20	16QAM	1	99	10.98	11.09	10.98	15.7	0.5
20	16QAM	50	0	10.12	10.09	10.12	15.7	0.5
Channel				3855	3890	3925	Tune-up limit	MPR
Frequency [MHz]				3855	3890	3925	[dBm]	[dB]
15	QPSK	1	0	12.12	12.09	12.07	15.7	0.0
Channel				3860	3890	3920	Tune-up limit	MPR
Frequency [MHz]				3860	3890	3920	[dBm]	[dB]
10	QPSK	1	0	12.12	12.09	12.07	15.7	0.0
Channel				3865	3890	3915	Tune-up limit	MPR
Frequency [MHz]				3865	3890	3915	[dBm]	[dB]
5	QPSK	1	0	12.12	12.12	12.12	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				3850	3890	3930		
Frequency [MHz]				3850	3890	3930		
20	PI/2-BPSK	1	0	20.12	20.11	20.12	21.7	0.0
20	PI/2-BPSK	1	49	20.12	20.12	20.12		
20	PI/2-BPSK	1	99	20.12	20.12	20.12		
20	PI/2-BPSK	50	0	20.22	20.22	20.22	21.7	0.5
20	PI/2-BPSK	50	25	20.28	20.28	20.28	21.7	0.5
20	PI/2-BPSK	50	50	20.28	20.28	20.28		
20	PI/2-BPSK	100	0	20.28	20.28	20.28	21.7	0.5
20	QPSK	1	0	20.39	20.45	20.39	21.7	0.0
20	QPSK	1	49	20.39	20.45	20.39		
20	QPSK	1	99	20.39	20.12	20.39		
20	QPSK	50	0	20.22	20.22	20.22	21.7	0.5
20	QPSK	50	25	20.28	20.12	20.28	21.7	0.5
20	QPSK	50	50	20.28	20.12	20.28		
20	QPSK	100	0	20.28	20.12	20.28	21.7	0.5
20	16QAM	1	0	20.22	20.22	20.22	21.7	0.5
20	16QAM	1	49	20.22	20.22	20.22		
20	16QAM	1	99	20.18	20.18	20.20	21.7	0.5
20	16QAM	50	0	20.12	20.12	20.12	21.7	0.5
Channel				3855	3890	3925	Tune-up limit	MPR
Frequency [MHz]				3855	3890	3925	[dBm]	[dB]
15	QPSK	1	0	20.12	20.12	20.12	21.7	0.0
Channel				3860	3890	3920	Tune-up limit	MPR
Frequency [MHz]				3860	3890	3920	[dBm]	[dB]
10	QPSK	1	0	20.12	20.12	20.12	21.7	0.0
Channel				3865	3890	3915	Tune-up limit	MPR
Frequency [MHz]				3865	3890	3915	[dBm]	[dB]
5	QPSK	1	0	20.12	20.12	20.12	21.7	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	21.58	21.64	21.52	22.7	0.0
20	PI/2 BPSK	1	53	21.54	21.60	21.55		
20	PI/2 BPSK	1	104	21.59	21.61	21.51		
20	PI/2 BPSK	50	0	21.58	21.58	21.47	22.7	0.0
20	PI/2 BPSK	50	28	21.64	21.67	21.56	22.7	0.0
20	PI/2 BPSK	50	56	21.61	21.65	21.61	22.7	0.0
20	PI/2 BPSK	100	0	21.63	21.65	21.54		
20	QPSK	1	1	21.86	21.87	21.75	22.7	0.0
20	QPSK	1	53	21.77	21.80	21.78		
20	QPSK	1	104	21.77	21.82	21.72		
20	QPSK	50	0	21.63	21.68	21.63	22.7	0.0
20	QPSK	50	28	21.66	21.69	21.63	22.7	0.0
20	QPSK	50	56	21.67	21.66	21.56	22.7	0.0
20	QPSK	100	0	21.66	21.68	21.61		
20	16QAM	1	1	21.56	21.55	21.43	22.7	0.0
20	64QAM	1	1	21.44	21.42	21.35	22.7	0.0
20	256QAM	1	1	19.69	19.68	19.56	20.2	2.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	21.44	21.53	21.41	22.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	21.50	21.47	21.43	22.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	21.44	21.56	21.38	22.7	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	23.98	23.95	23.93	25.2	0.0
20	PI/2 BPSK	1	53	23.77	23.95	23.83		
20	PI/2 BPSK	1	104	23.90	23.92	23.86		
20	PI/2 BPSK	50	0	23.70	23.77	23.71	24.7	0.5
20	PI/2 BPSK	50	28	23.83	23.97	23.90	25.2	0.0
20	PI/2 BPSK	50	56	23.40	23.40	23.34	24.7	0.5
20	PI/2 BPSK	100	0	23.38	23.50	23.31		
20	QPSK	1	1	23.91	24.00	23.87	25.2	0.0
20	QPSK	1	53	23.74	23.90	23.81		
20	QPSK	1	104	23.89	23.96	23.78		
20	QPSK	50	0	23.45	23.50	23.49	24.2	1.0
20	QPSK	50	28	23.90	23.95	23.88	25.2	0.0
20	QPSK	50	56	23.36	23.39	23.52	24.2	1.0
20	QPSK	100	0	23.50	23.58	23.52		
20	16QAM	1	1	23.55	23.56	23.60	24.2	1.0
20	64QAM	1	1	22.08	22.00	22.05	22.7	2.5
20	256QAM	1	1	20.11	20.12	20.11	20.7	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	23.95	23.86	23.93	25.2	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	23.87	23.95	23.93	25.2	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.98	23.94	23.81	25.2	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	17.70	17.72	17.57	19.5	0.0
40	PI/2 BPSK	1	108	17.66	17.74	17.65		
40	PI/2 BPSK	1	214	17.55	17.70	17.53		
40	PI/2 BPSK	108	0	17.57	17.82	17.76	19.5	0.0
40	PI/2 BPSK	108	54	17.64	17.68	17.70	19.5	0.0
40	PI/2 BPSK	108	108	17.56	17.64	17.69	19.5	0.0
40	PI/2 BPSK	216	0	17.65	17.79	17.67		
40	QPSK	1	1	17.89	17.90	17.86	19.5	0.0
40	QPSK	1	108	17.78	17.82	17.67		
40	QPSK	1	214	17.69	17.75	17.69		
40	QPSK	108	0	17.72	17.83	17.81	19.5	0.0
40	QPSK	108	54	17.80	17.85	17.69	19.5	0.0
40	QPSK	108	108	17.78	17.73	17.75	19.5	0.0
40	QPSK	216	0	17.81	17.83	17.51		
40	16QAM	1	1	17.61	17.72	17.77	19.5	0.0
40	64QAM	1	1	17.79	17.85	17.81	19.5	0.0
40	256QAM	1	1	17.58	17.57	17.55	19.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	17.61	17.75	17.66	19.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	17.65	17.79	17.53	19.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	17.54	17.77	17.60	19.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	17.52	17.76	17.62	19.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	17.70	17.76	17.59	19.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	17.70	17.80	17.52	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.01	23.15	23.16	24.7	0.0
40	PI/2 BPSK	1	108	23.00	23.17	23.10		
40	PI/2 BPSK	1	214	22.96	23.15	23.13		
40	PI/2 BPSK	108	0	22.34	22.38	22.32	24.2	0.5
40	PI/2 BPSK	108	54	23.15	23.16	23.16	24.7	0.0
40	PI/2 BPSK	108	108	22.31	22.35	22.26	24.2	0.5
40	PI/2 BPSK	216	0	22.25	22.33	22.16		
40	QPSK	1	1	23.10	23.20	23.09	24.7	0.0
40	QPSK	1	108	23.01	23.14	22.98		
40	QPSK	1	214	23.06	23.16	23.05		
40	QPSK	108	0	22.99	22.85	22.87	24.7	0.0
40	QPSK	108	54	23.09	23.19	23.11	24.7	0.0
40	QPSK	108	108	22.99	22.89	23.01	24.7	0.0
40	QPSK	216	0	22.91	22.98	22.95		
40	16QAM	1	1	22.73	22.65	22.63	23.7	1.0
40	64QAM	1	1	21.49	21.35	21.50	22.2	2.5
40	256QAM	1	1	19.44	19.33	19.44	20.2	4.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	22.84	23.16	23.12	24.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	23.01	23.01	23.08	24.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	22.93	23.11	23.10	24.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.92	23.14	23.05	24.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.97	23.17	23.00	24.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.97	23.19	23.12	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				20419	21100	21781		
Frequency [MHz]				707.9	775.0	842.1		
20	PI/2-BPSK	1	0	11.37	11.43	11.21	13.2	0.0
20	PI/2-BPSK	1	218	11.02	11.07	11.02		
20	PI/2-BPSK	108	0	11.08	11.17	11.05		
20	PI/2-BPSK	108	55	11.06	11.09	11.06		
20	PI/2-BPSK	216	0	11.05	11.07	11.05		
20	PI/2-BPSK	216	1	11.05	11.07	11.05		
20	QPSK	1	0	11.12	11.29	11.15	13.2	0.0
20	QPSK	1	218	11.12	11.18	11.12		
20	QPSK	1	219	11.21	11.26	11.20		
20	QPSK	108	0	11.42	11.50	11.39		
20	QPSK	108	55	11.41	11.51	11.39		
20	QPSK	216	0	11.45	11.51	11.45		
20	QPSK	216	1	11.45	11.51	11.45		
20	64QAM	1	0	11.40	11.59	11.46	13.2	0.0
20	64QAM	1	1	11.40	11.59	11.46		
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
20	QPSK	1	0	11.12	11.29	11.15	13.2	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
25	QPSK	1	0	11.17	11.27	11.17	13.2	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
20	QPSK	1	0	11.12	11.29	11.15	13.2	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
15	QPSK	1	0	11.12	11.29	11.15	13.2	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
10	QPSK	1	0	11.12	11.29	11.15	13.2	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
5	QPSK	1	0	11.12	11.29	11.15	13.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				20419	21100	21781		
Frequency [MHz]				707.9	775.0	842.1		
20	PI/2-BPSK	1	0	16.11	16.17	16.11	20.0	0.0
20	PI/2-BPSK	1	218	15.76	15.81	15.76		
20	PI/2-BPSK	108	0	15.82	15.92	15.82		
20	PI/2-BPSK	108	55	15.79	15.83	15.81		
20	PI/2-BPSK	216	0	15.79	15.83	15.81		
20	PI/2-BPSK	216	1	15.79	15.83	15.81		
20	QPSK	1	0	16.06	16.23	16.07	20.0	0.0
20	QPSK	1	218	15.76	15.82	15.76		
20	QPSK	1	219	15.81	15.79	15.83		
20	QPSK	108	0	16.37	16.53	16.35		
20	QPSK	108	55	16.35	16.53	16.35		
20	QPSK	216	0	16.41	16.53	16.41		
20	QPSK	216	1	16.41	16.53	16.41		
20	64QAM	1	0	16.37	16.63	16.35	20.0	0.0
20	64QAM	1	1	16.39	16.63	16.35		
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
20	QPSK	1	0	16.06	16.23	16.07	20.0	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
25	QPSK	1	0	16.12	16.22	16.12	20.0	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
20	QPSK	1	0	16.06	16.23	16.07	20.0	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
15	QPSK	1	0	16.06	16.23	16.07	20.0	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
10	QPSK	1	0	16.06	16.23	16.07	20.0	0.0
Channel				20419	21100	21781	Tune-up limit	MPR
Frequency [MHz]				707.9	775.0	842.1	[dBm]	[dB]
5	QPSK	1	0	16.16	16.16	16.08	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				26041	26365	26689		
Frequency [MHz]				1850	1882.5	1915		
40	PI/2-BPSK	1	0	16.16	16.21	16.11	19.7	0.0
40	PI/2-BPSK	1	314	16.02	16.07	16.02		
40	PI/2-BPSK	108	0	16.08	16.07	16.08		
40	PI/2-BPSK	108	55	16.06	16.04	16.06		
40	PI/2-BPSK	216	0	16.06	16.04	16.06		
40	PI/2-BPSK	216	1	16.06	16.04	16.06		
40	QPSK	1	0	16.00	16.12	16.08	19.7	0.0
40	QPSK	1	314	16.02	16.07	16.02		
40	QPSK	1	315	16.10	16.05	16.10		
40	QPSK	108	0	16.38	16.53	16.35		
40	QPSK	108	55	16.37	16.53	16.35		
40	QPSK	216	0	16.41	16.53	16.41		
40	QPSK	216	1	16.41	16.53	16.41		
40	64QAM	1	0	16.37	16.61	16.42	19.7	0.0
40	64QAM	1	1	16.37	16.61	16.42		
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
40	QPSK	1	0	16.00	16.12	16.08	19.7	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
25	QPSK	1	0	16.17	16.11	16.17	19.7	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
20	QPSK	1	0	16.16	16.21	16.11	19.7	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
15	QPSK	1	0	16.16	16.21	16.11	19.7	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
10	QPSK	1	0	16.16	16.21	16.11	19.7	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
5	QPSK	1	0	16.48	16.51	16.35	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				26041	26365	26689		
Frequency [MHz]				1850	1882.5	1915		
40	PI/2-BPSK	1	0	24.12	24.17	24.12	28.2	0.0
40	PI/2-BPSK	1	314	23.92	23.93	23.92		
40	PI/2-BPSK	108	0	24.00	23.92	23.92	28.2	0.0
40	PI/2-BPSK	108	55	24.00	23.94	24.00		
40	PI/2-BPSK	216	0	24.00	23.94	24.00	28.2	0.0
40	PI/2-BPSK	216	1	24.00	23.94	24.00		
40	QPSK	1	0	24.20	24.25	24.19	28.2	0.0
40	QPSK	1	314	23.92	23.93	23.92		
40	QPSK	1	315	24.19	24.19	24.20		
40	QPSK	108	0	24.50	24.58	24.50		
40	QPSK	108	55	24.50	24.58	24.50		
40	QPSK	216	0	24.50	24.58	24.50		
40	QPSK	216	1	24.50	24.58	24.50		
40	64QAM	1	0	24.50	24.58	24.50	28.2	0.0
40	64QAM	1	1	24.50	24.58	24.50		
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
40	QPSK	1	0	24.20	24.25	24.19	28.2	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
25	QPSK	1	0	24.17	24.17	24.21	28.2	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
20	QPSK	1	0	24.20	24.25	24.19	28.2	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
15	QPSK	1	0	24.20	24.25	24.19	28.2	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
10	QPSK	1	0	24.20	24.25	24.19	28.2	0.0
Channel				26041	26365	26689	Tune-up limit	MPR
Frequency [MHz]				1850	1882.5	1915	[dBm]	[dB]
5	QPSK	1	0	24.20	24.18	24.19	28.2	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				518	519.5	1000		
Frequency [MHz]				3410	3420.5	3590		
40	PI/2 BPSK	1	0	14.34	14.34	14.34		
40	PI/2 BPSK	1	104	14.34	14.34	14.34	15.7	0.0
40	PI/2 BPSK	1	214	14.32	14.32	14.32		
40	PI/2 BPSK	108	0	13.32	13.32	13.32	15.7	0.0
40	PI/2 BPSK	108	54	13.31	13.31	13.31	15.7	0.0
40	PI/2 BPSK	108	110	13.32	13.32	13.32		
40	PI/2 BPSK	216	0	13.35	13.35	13.35	15.7	0.0
40	QPSK	1	0	14.97	15.00	15.00		
40	QPSK	1	104	14.97	15.00	15.00	15.7	0.0
40	QPSK	1	214	14.96	14.99	14.99		
40	QPSK	108	0	13.72	13.93	13.92	15.7	0.0
40	QPSK	108	54	13.72	13.93	13.92	15.7	0.0
40	QPSK	108	110	13.72	13.93	13.92		
40	QPSK	216	0	14.05	14.26	14.25	15.7	0.0
40	16QAM	1	0	14.46	15.00	14.78		
40	16QAM	1	104	14.46	15.00	14.78	16.7	0.0
40	16QAM	1	214	14.46	15.00	14.78	16.7	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3410	3420.5	3590		
30	QPSK	1	0	15.00	15.00	15.00		
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3405.5	3420.5	3585.5		
25	QPSK	1	0	14.77	14.77	14.77		
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3403	3420.5	3583		
20	QPSK	1	0	14.85	14.85	14.85	15.7	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3400.5	3420.5	3580.5		
15	QPSK	1	0	14.75	14.75	14.75	15.7	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3398	3420.5	3578		
10	QPSK	1	0	14.85	14.85	14.85	15.7	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3395.5	3420.5	3575.5		
5	QPSK	1	0	14.75	14.85	14.75	15.7	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				518	519.5	1000		
Frequency [MHz]				3410	3420.5	3590		
40	PI/2 BPSK	1	0	21.21	21.21	21.21		
40	PI/2 BPSK	1	104	20.22	20.22	20.22	21.7	0.0
40	PI/2 BPSK	1	214	20.22	20.22	20.22		
40	PI/2 BPSK	108	0	20.21	20.21	20.21	21.7	0.0
40	PI/2 BPSK	108	54	20.20	20.20	20.20	21.7	0.0
40	PI/2 BPSK	108	110	20.21	20.21	20.21		
40	PI/2 BPSK	216	0	20.23	20.23	20.23	21.7	0.0
40	QPSK	1	0	20.46	20.55	20.53		
40	QPSK	1	104	20.46	20.55	20.53	21.7	0.0
40	QPSK	1	214	20.39	20.52	20.49		
40	QPSK	108	0	20.52	20.58	20.52	21.7	0.0
40	QPSK	108	54	20.52	20.58	20.52	21.7	0.0
40	QPSK	108	110	20.52	20.58	20.52		
40	QPSK	216	0	20.49	20.55	20.49	21.7	0.0
40	16QAM	1	0	20.35	20.50	20.35		
40	16QAM	1	104	20.35	20.50	20.35	21.7	0.0
40	16QAM	1	214	20.35	20.50	20.35	21.7	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3410	3420.5	3590		
30	QPSK	1	0	20.50	20.50	20.50		
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3405.5	3420.5	3585.5		
25	QPSK	1	0	20.77	20.77	20.77		
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3403	3420.5	3583		
20	QPSK	1	0	20.85	20.85	20.85	21.7	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3400.5	3420.5	3580.5		
15	QPSK	1	0	20.77	20.77	20.77	21.7	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3398	3420.5	3578		
10	QPSK	1	0	20.77	20.77	20.77	21.7	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3395.5	3420.5	3575.5		
5	QPSK	1	0	20.49	20.49	20.38	21.7	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				518	519.5	1000		
Frequency [MHz]				2410	2417.5	2590		
40	PI/2 BPSK	1	0	17.12	17.12	17.12		
40	PI/2 BPSK	1	80	17.12	17.12	17.12	18.5	0.0
40	PI/2 BPSK	1	159	17.12	17.12	17.12		
40	PI/2 BPSK	36	0	17.25	17.25	17.25	18.5	0.0
40	PI/2 BPSK	36	42	17.28	17.28	17.28	18.5	0.0
40	PI/2 BPSK	36	81	17.28	17.28	17.28		
40	PI/2 BPSK	75	0	17.41	17.41	17.41	18.5	0.0
40	QPSK	1	0	17.50	17.50	17.50		
40	QPSK	1	80	17.50	17.50	17.50	18.5	0.0
40	QPSK	1	159	17.47	17.47	17.47		
40	QPSK	36	0	17.55	17.55	17.55	18.5	0.0
40	QPSK	36	42	17.55	17.55	17.55	18.5	0.0
40	QPSK	36	81	17.55	17.55	17.55		
40	QPSK	75	0	17.68	17.68	17.68	18.5	0.0
40	16QAM	1	0	17.44	17.44	17.44		
40	16QAM	1	80	17.44	17.44	17.44	18.5	0.0
40	16QAM	1	159	17.44	17.44	17.44	18.5	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2410	2417.5	2590		
30	QPSK	1	0	18.16	18.17	18.17	18.5	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				518	519.5	1000		
Frequency [MHz]				2410	2417.5	2590		
40	PI/2 BPSK	1	0	22.11	22.11	22.11		
40	PI/2 BPSK	1	80	22.11	22.11	22.11	24.7	0.0
40	PI/2 BPSK	1	159	22.08	22.08	22.08		
40	PI/2 BPSK	36	0	22.22	22.22	22.22	24.7	0.0
40	PI/2 BPSK	36	42	22.22	22.22	22.22	24.7	0.0
40	PI/2 BPSK	36	81	22.22	22.22	22.22		
40	PI/2 BPSK	75	0	22.41	22.41	22.41	24.7	0.0
40	QPSK	1	0	22.13	22.13	22.13		
40	QPSK	1	80	22.13	22.13	22.13	24.7	0.0
40	QPSK	1	159	22.09	22.09	22.09		
40	QPSK	36	0	22.22	22.22	22.22	24.7	1.0
40	QPSK	36	42	22.22	22.22	22.22	24.7	1.0
40	QPSK	36	81	22.22	22.22	22.22		
40	QPSK	75	0	22.35	22.35	22.35	24.7	1.0
40	16QAM	1	0	22.09	22.09	22.09		
40	16QAM	1	80	22.09	22.09	22.09	24.7	0.0
40	16QAM	1	159	22.09	22.09	22.09	24.7	0.0
Channel				518	519.5	1000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2410	2417.5	2590		
30	QPSK	1	0	23.12	23.12	23.12	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732	1745	1758		
40	PO/ BPSK	1	0	16.12	16.21	16.22	16.2	0.0
40	PO/ BPSK	1	104	17.02	17.09	17.12		
40	PO/ BPSK	1	214	17.12	17.03	16.98		
40	PO/ BPSK	108	0	16.98	17.03	16.96	18.2	0.0
40	PO/ BPSK	108	54	16.96	17.04	17.05	18.2	0.0
40	PO/ BPSK	216	0	17.01	17.05	16.98	18.2	0.0
40	PO/ BPSK	216	108	17.01	17.05	16.98		
40	QPSK	1	0	17.07	17.09	17.03	18.2	0.0
40	QPSK	1	104	17.12	17.12	17.12		
40	QPSK	1	214	17.09	17.03	17.02		
40	QPSK	108	0	17.02	17.03	17.03	18.2	0.0
40	QPSK	108	54	17.12	17.12	17.12	18.2	0.0
40	QPSK	216	0	16.98	17.01	17.01		
40	QPSK	216	108	16.98	17.01	17.01	18.2	0.0
40	64QAM	1	0	16.97	17.05	17.05	18.2	0.0
40	64QAM	1	1	17.01	17.09	16.98	18.2	0.0
40	64QAM	1	2	16.98	16.98	16.98	18.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732	1745	1758		
30	QPSK	1	0	16.12	16.21	16.22	16.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732.5	1745	1757.5		
25	QPSK	1	0	17.12	17.12	17.12	17.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1733	1745	1757		
20	QPSK	1	0	17.12	17.12	17.12	17.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1735	1745	1755		
15	QPSK	1	0	17.12	17.12	17.12	17.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1737.5	1745	1752.5		
10	QPSK	1	0	17.12	17.12	17.12	17.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1740	1745	1750		
5	QPSK	1	0	16.97	17.01	16.96	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732	1745	1758		
40	PO/ BPSK	1	0	23.12	23.21	23.22	26.2	0.0
40	PO/ BPSK	1	104	24.02	24.09	24.12		
40	PO/ BPSK	1	214	24.12	24.03	23.98		
40	PO/ BPSK	108	0	23.98	24.03	23.96	25.7	0.5
40	PO/ BPSK	108	54	23.96	24.04	24.05	25.7	0.5
40	PO/ BPSK	216	0	24.01	24.05	23.98	25.7	0.5
40	PO/ BPSK	216	108	24.01	24.05	23.98		
40	QPSK	1	0	24.07	24.09	24.07	26.2	0.0
40	QPSK	1	104	24.12	24.12	24.12		
40	QPSK	1	214	24.09	24.03	24.02		
40	QPSK	108	0	24.02	24.03	24.03	25.7	0.5
40	QPSK	108	54	24.12	24.12	24.12	25.7	0.5
40	QPSK	216	0	23.98	24.01	24.01		
40	QPSK	216	108	23.98	24.01	24.01	25.7	0.5
40	64QAM	1	0	23.97	24.05	24.05	25.7	0.5
40	64QAM	1	1	24.01	24.09	23.98	25.7	0.5
40	64QAM	1	2	23.98	23.98	23.98	25.7	0.5
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732	1745	1758		
30	QPSK	1	0	24.12	24.21	24.22	26.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732.5	1745	1757.5		
25	QPSK	1	0	25.12	25.12	25.12	25.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1733	1745	1757		
20	QPSK	1	0	25.12	25.12	25.12	25.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1735	1745	1755		
15	QPSK	1	0	25.12	25.12	25.12	25.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1737.5	1745	1752.5		
10	QPSK	1	0	25.12	25.12	25.12	25.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1740	1745	1750		
5	QPSK	1	0	24.96	25.01	24.96	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732	1745	1758		
40	PO/ BPSK	1	0	15.12	15.21	15.22	15.2	0.0
40	PO/ BPSK	1	104	16.02	16.09	16.12		
40	PO/ BPSK	1	214	16.12	16.03	15.98		
40	PO/ BPSK	108	0	15.98	16.03	15.97	16.2	0.0
40	PO/ BPSK	108	54	15.96	16.04	16.05	16.2	0.0
40	PO/ BPSK	216	0	16.01	16.05	15.98	16.2	0.0
40	PO/ BPSK	216	108	16.01	16.05	15.98		
40	QPSK	1	0	16.07	16.09	16.08	16.2	0.0
40	QPSK	1	104	16.12	16.12	16.12		
40	QPSK	1	214	16.09	16.03	16.02		
40	QPSK	108	0	16.02	16.03	16.03	16.2	0.0
40	QPSK	108	54	16.12	16.12	16.12	16.2	0.0
40	QPSK	216	0	15.98	16.01	16.01		
40	QPSK	216	108	15.98	16.01	16.01	16.2	0.0
40	64QAM	1	0	15.97	16.05	16.05	16.2	0.0
40	64QAM	1	1	16.01	16.09	15.98	16.2	0.0
40	64QAM	1	2	15.98	15.98	15.98	16.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732	1745	1758		
30	QPSK	1	0	16.12	16.21	16.22	16.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732.5	1745	1757.5		
25	QPSK	1	0	17.12	17.12	17.12	17.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1733	1745	1757		
20	QPSK	1	0	17.12	17.12	17.12	17.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1735	1745	1755		
15	QPSK	1	0	17.12	17.12	17.12	17.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1737.5	1745	1752.5		
10	QPSK	1	0	17.12	17.12	17.12	17.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1740	1745	1750		
5	QPSK	1	0	16.97	17.01	16.96	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732	1745	1758		
40	PO/ BPSK	1	0	17.12	17.21	17.22	20.2	0.0
40	PO/ BPSK	1	104	18.02	18.09	18.12		
40	PO/ BPSK	1	214	18.12	18.03	17.98		
40	PO/ BPSK	108	0	17.98	18.03	17.97	20.2	0.0
40	PO/ BPSK	108	54	17.96	18.04	18.05	20.2	0.0
40	PO/ BPSK	216	0	18.01	18.05	17.98	20.2	0.0
40	PO/ BPSK	216	108	18.01	18.05	17.98		
40	QPSK	1	0	18.07	18.09	18.07	20.2	0.0
40	QPSK	1	104	18.12	18.12	18.12		
40	QPSK	1	214	18.09	18.03	18.02		
40	QPSK	108	0	18.02	18.03	18.03	20.2	0.0
40	QPSK	108	54	18.12	18.12	18.12	20.2	0.0
40	QPSK	216	0	17.98	18.01	18.01		
40	QPSK	216	108	17.98	18.01	18.01	20.2	0.0
40	64QAM	1	0	18.05	18.05	18.05	20.2	0.0
40	64QAM	1	1	18.09	18.09	18.09	20.2	0.0
40	64QAM	1	2	18.09	18.09	18.09	20.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732	1745	1758		
30	QPSK	1	0	18.12	18.21	18.22	20.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1732.5	1745	1757.5		
25	QPSK	1	0	19.12	19.12	19.12	20.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1733	1745	1757		
20	QPSK	1	0	19.12	19.12	19.12	20.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1735	1745	1755		
15	QPSK	1	0	19.12	19.12	19.12	20.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1737.5	1745	1752.5		
10	QPSK	1	0	19.12	19.12	19.12	20.2	0.0
Channel				55990	56990	57990	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1740	1745	1750		
5	QPSK	1	0	18.96	19.01	18.96	20.2	0.0

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BW[MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Channel				125001	126500	128000		
Frequency [MHz]				625.0	632.5	640.0		
20	PI/2 BPSK	1	0	22.47	22.47	22.47	22.7	0.0
20	PI/2 BPSK	1	49	22.52	22.52	22.52		
20	PI/2 BPSK	1	99	22.52	22.52	22.52		
20	PI/2 BPSK	50	0	21.51	21.51	21.51	22.7	0.0
20	PI/2 BPSK	50	25	21.55	21.55	21.55	22.7	0.0
20	PI/2 BPSK	50	50	21.55	21.55	21.55		
20	PI/2 BPSK	1	1	22.49	22.49	22.49	22.7	0.0
20	QPSK	1	0	22.49	22.49	22.49		
20	QPSK	1	49	22.52	22.52	22.52		
20	QPSK	1	99	22.52	22.52	22.52		
20	QPSK	50	0	21.51	21.51	21.51	22.7	0.0
20	QPSK	50	25	21.55	21.55	21.55		
20	QPSK	50	50	21.55	21.55	21.55		
20	QPSK	1	1	22.49	22.49	22.49	22.7	0.0
20	16QAM	1	0	21.48	21.48	21.48	22.7	0.0
20	16QAM	1	49	21.52	21.52	21.52		
20	16QAM	1	99	21.52	21.52	21.52		
20	16QAM	50	0	20.51	20.51	20.51	21.7	1.0
20	16QAM	50	25	20.55	20.55	20.55		
20	16QAM	50	50	20.55	20.55	20.55		
20	16QAM	1	1	21.48	21.48	21.48	22.7	0.0
Channel				130000	131500	133000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				653.0	660.5	668.0		
10	QPSK	1	0	22.49	22.49	22.49	22.7	0.0
				22.52	22.52	22.52		
				22.52	22.52	22.52		
		50	0	21.51	21.51	21.51	22.7	0.0
				21.55	21.55	21.55		
				21.55	21.55	21.55		
		1	1	22.49	22.49	22.49	22.7	0.0
Channel				130300	131500	132700	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				655.0	660.5	666.0		
10	QPSK	1	0	22.49	22.49	22.49	22.7	0.0
				22.52	22.52	22.52		
				22.52	22.52	22.52		
		50	0	21.51	21.51	21.51	22.7	0.0
				21.55	21.55	21.55		
				21.55	21.55	21.55		
		1	1	22.49	22.49	22.49	22.7	0.0

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BW[MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit [dBm]	MPR [dB]
Channel				125001	126500	128000		
Frequency [MHz]				625.0	632.5	640.0		
20	PI/2 BPSK	1	0	21.16	21.16	21.16	29.2	0.0
20	PI/2 BPSK	1	49	21.22	21.22	21.22		
20	PI/2 BPSK	1	99	21.22	21.22	21.22		
20	PI/2 BPSK	50	0	20.22	20.22	20.22	29.7	0.0
20	PI/2 BPSK	50	25	20.26	20.26	20.26	29.2	0.0
20	PI/2 BPSK	50	50	20.26	20.26	20.26		
20	PI/2 BPSK	1	1	21.19	21.19	21.19	34.1	5.0
20	QPSK	1	0	24.39	22.52	24.19	29.2	0.0
20	QPSK	1	49	24.42	22.52	24.17		
20	QPSK	1	99	24.42	22.52	24.17		
20	QPSK	50	0	23.39	20.52	23.19	24.2	1.0
20	QPSK	50	25	23.42	20.52	23.17	24.2	1.0
20	QPSK	50	50	23.42	20.52	23.17		
20	QPSK	1	1	24.39	22.52	24.19	24.2	1.0
20	16QAM	1	0	23.45	20.52	23.45	23.2	1.0
20	16QAM	1	49	23.48	20.52	23.48		
20	16QAM	1	99	23.48	20.52	23.48		
20	16QAM	50	0	22.45	19.52	22.45	22.7	2.0
20	16QAM	50	25	22.48	19.52	22.48	22.7	2.0
20	16QAM	50	50	22.48	19.52	22.48		
20	16QAM	1	1	23.45	20.52	23.45	22.7	2.0
Channel				130000	131500	133000	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				653.0	660.5	668.0		
10	QPSK	1	0	24.39	22.52	24.19	29.2	0.0
				24.42	22.52	24.17		
				24.42	22.52	24.17		
		50	0	23.39	20.52	23.19	24.2	1.0
				23.42	20.52	23.17		
				23.42	20.52	23.17		
		1	1	24.39	22.52	24.19	24.2	1.0
Channel				130300	131500	132700	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				655.0	660.5	666.0		
10	QPSK	1	0	24.39	22.52	24.19	29.2	0.0
				24.42	22.52	24.17		
				24.42	22.52	24.17		
		50	0	23.39	20.52	23.19	24.2	1.0
				23.42	20.52	23.17		
				23.42	20.52	23.17		
		1	1	24.39	22.52	24.19	24.2	1.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 351000	Power Middle Channel 361000	Power High Channel 371000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2495	2496	2497		
20	PO-BPSK	1	0	21.47	21.71	21.77	26.2	0.0
20	PO-BPSK	1	49	19.58	19.69	19.82		
20	PO-BPSK	50	0	18.72	18.87	19.20	25.2	0.0
20	PO-BPSK	25	25	18.38	18.58	18.88	25.2	0.0
20	PO-BPSK	1	0	21.47	21.71	21.77	26.2	0.0
20	PO-BPSK	1	1	18.35	18.63	18.80		
20	QPSK	1	0	19.10	19.19	19.50	26.2	0.0
20	QPSK	1	49	18.71	18.79	19.09		
20	QPSK	50	0	18.72	18.83	19.20	25.2	0.0
20	QPSK	25	25	18.38	18.71	19.08		
20	QPSK	1	0	19.10	19.19	19.50	26.2	0.0
20	QPSK	1	1	18.35	18.63	18.80		
20	64QAM	1	1	16.98	16.93	16.98	25.2	0.0
20	256QAM	1	1	17.21	17.08	17.09	25.2	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2493	2495	2498	(dBm)	(dB)
20	QPSK	1	0	19.10	19.19	19.50	26.2	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2512.5	2505	2487.5	(dBm)	(dB)
15	QPSK	1	1	18.71	18.77	18.71	26.2	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2515	2507.5	2485	(dBm)	(dB)
15	QPSK	1	1	18.35	18.46	18.34	26.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 351000	Power Middle Channel 361000	Power High Channel 371000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2495	2496	2497		
20	PO-BPSK	1	0	22.36	22.58	22.71	26.2	0.0
20	PO-BPSK	1	49	20.46	20.63	20.87		
20	PO-BPSK	50	0	20.32	20.53	20.87	25.2	0.0
20	PO-BPSK	25	25	20.31	20.42	20.88	25.2	0.0
20	PO-BPSK	1	0	22.36	22.58	22.71	26.2	0.0
20	PO-BPSK	1	1	20.16	20.43	20.65		
20	QPSK	1	0	20.16	20.23	20.35	26.2	0.0
20	QPSK	1	49	20.17	20.23	20.35		
20	QPSK	50	0	20.16	20.23	20.35	25.2	0.0
20	QPSK	25	25	20.16	20.23	20.35		
20	QPSK	1	0	20.16	20.23	20.35	26.2	0.0
20	QPSK	1	1	20.16	20.23	20.35		
20	64QAM	1	1	20.16	20.23	20.35	25.2	0.0
20	256QAM	1	1	20.16	20.23	20.35	25.2	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2493	2495	2498	(dBm)	(dB)
20	QPSK	1	0	20.16	20.23	20.35	26.2	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2512.5	2505	2487.5	(dBm)	(dB)
15	QPSK	1	1	20.16	20.23	20.35	26.2	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2515	2507.5	2485	(dBm)	(dB)
15	QPSK	1	1	20.16	20.23	20.35	26.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 351000	Power Middle Channel 361000	Power High Channel 371000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2495	2496	2497		
20	PO-BPSK	1	0	11.38	11.41	11.42	13.2	0.0
20	PO-BPSK	1	49	10.28	10.51	11.08		
20	PO-BPSK	50	0	11.38	10.51	11.08	13.2	0.0
20	PO-BPSK	25	25	11.38	10.51	11.08	13.2	0.0
20	PO-BPSK	1	0	11.38	11.41	11.42	13.2	0.0
20	PO-BPSK	1	1	11.38	10.51	11.08		
20	QPSK	1	0	12.02	12.19	12.03	13.2	0.0
20	QPSK	1	49	11.38	10.51	11.08		
20	QPSK	50	0	12.02	12.19	11.38	13.2	0.0
20	QPSK	25	25	12.02	12.02	11.38		
20	QPSK	1	0	12.02	12.19	12.02	13.2	0.0
20	QPSK	1	1	11.38	10.51	11.08		
20	64QAM	1	1	11.38	10.51	11.08	13.2	0.0
20	256QAM	1	1	11.38	10.51	11.08	13.2	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2493	2495	2498	(dBm)	(dB)
20	QPSK	1	0	12.02	12.19	12.02	13.2	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2512.5	2505	2487.5	(dBm)	(dB)
15	QPSK	1	1	11.38	11.38	11.38	13.2	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2515	2507.5	2485	(dBm)	(dB)
15	QPSK	1	1	11.38	11.38	11.38	13.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 351000	Power Middle Channel 361000	Power High Channel 371000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2495	2496	2497		
20	PO-BPSK	1	0	19.12	19.11	19.27	21.0	0.0
20	PO-BPSK	1	49	18.32	18.51	18.67		
20	PO-BPSK	50	0	18.32	18.51	18.67	21.0	0.0
20	PO-BPSK	25	25	18.45	18.45	18.45	21.0	0.0
20	PO-BPSK	1	0	19.12	19.11	19.27	21.0	0.0
20	PO-BPSK	1	1	18.45	18.45	18.45		
20	QPSK	1	0	18.99	19.11	19.07	21.0	0.0
20	QPSK	1	49	18.32	18.51	18.67		
20	QPSK	50	0	18.32	18.51	18.67	21.0	0.0
20	QPSK	25	25	18.32	18.51	18.67		
20	QPSK	1	0	18.99	19.11	19.07	21.0	0.0
20	QPSK	1	1	18.45	18.45	18.45		
20	64QAM	1	1	18.45	18.45	18.45	21.0	0.0
20	256QAM	1	1	18.18	18.20	18.18	21.0	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2493	2495	2498	(dBm)	(dB)
20	QPSK	1	0	18.99	19.11	19.07	21.0	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2512.5	2505	2487.5	(dBm)	(dB)
15	QPSK	1	1	18.45	18.45	18.45	21.0	0.0
Channel				351000	361000	371000	Tune-up limit	MPR
Frequency [MHz]				2515	2507.5	2485	(dBm)	(dB)
15	QPSK	1	1	18.45	18.45	18.45	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				506010	518018	530026		
Frequency (MHz)				2506.01	2518.19	2530.37		
100	PI/2-BPSK	1	0	19.12	19.21	19.16	20.2	0.0
100	PI/2-BPSK	1	50	19.08	19.20	19.16		
100	PI/2-BPSK	1	271	19.08	19.20	19.16		
100	PI/2-BPSK	136	0	18.12	18.20	18.20	20.2	0.0
100	PI/2-BPSK	135	99	18.24	18.30	18.30	20.2	0.0
100	PI/2-BPSK	135	0	18.24	18.30	18.30	20.2	0.0
100	PI/2-BPSK	1	0	19.24	19.30	19.30	20.2	0.0
100	QPSK	1	0	19.23	19.30	19.30	20.2	0.0
100	QPSK	1	50	19.23	19.30	19.30		
100	QPSK	1	271	19.23	19.30	19.30		
100	QPSK	136	0	18.23	18.30	18.30	20.2	0.0
100	QPSK	135	99	18.23	18.30	18.30		
100	QPSK	135	0	18.23	18.30	18.30		
100	QPSK	1	0	19.23	19.30	19.30		
100	16QAM	1	0	18.26	18.30	18.30	20.2	0.0
100	16QAM	1	50	18.26	18.30	18.30	20.2	0.0
100	16QAM	1	271	18.26	18.30	18.30	20.2	0.0
100	16QAM	1	0	18.00	18.30	18.10	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
80	QPSK	1	0	19.23	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
60	QPSK	1	0	19.23	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
40	QPSK	1	0	19.23	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
20	QPSK	1	0	19.23	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
10	QPSK	1	0	19.23	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
5	QPSK	1	0	19.23	19.30	19.30	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				506010	518018	530026		
Frequency (MHz)				2506.01	2518.19	2530.37		
100	PI/2-BPSK	1	0	19.21	19.21	19.21	20.2	0.0
100	PI/2-BPSK	1	50	19.20	19.20	19.20		
100	PI/2-BPSK	1	271	19.20	19.20	19.20		
100	PI/2-BPSK	136	0	18.20	18.20	18.20	20.2	0.0
100	PI/2-BPSK	135	99	18.30	18.30	18.30	20.2	0.0
100	PI/2-BPSK	135	0	18.30	18.30	18.30		
100	PI/2-BPSK	1	0	19.30	19.30	19.30		
100	QPSK	1	0	19.30	19.30	19.30	20.2	0.0
100	QPSK	1	50	19.30	19.30	19.30		
100	QPSK	1	271	19.30	19.30	19.30		
100	QPSK	136	0	18.30	18.30	18.30	20.2	0.0
100	QPSK	135	99	18.30	18.30	18.30		
100	QPSK	135	0	18.30	18.30	18.30		
100	QPSK	1	0	19.30	19.30	19.30		
100	16QAM	1	0	18.26	18.26	18.26	20.2	0.0
100	16QAM	1	50	18.26	18.26	18.26	20.2	0.0
100	16QAM	1	271	18.26	18.26	18.26	20.2	0.0
100	16QAM	1	0	18.00	18.00	18.10	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
80	QPSK	1	0	19.30	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
60	QPSK	1	0	19.30	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
40	QPSK	1	0	19.30	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
20	QPSK	1	0	19.30	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
10	QPSK	1	0	19.30	19.30	19.30	20.2	0.0
Channel				506010	518018	530026	Tune-up limit	MPR
Frequency (MHz)				2506.01	2518.19	2530.37	(dBm)	(dB)
5	QPSK	1	0	19.30	19.30	19.30	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Channel	Power Middle Middle Channel	Power High Middle Channel	Tune-up limit (dBm)	MPR (dB)
Channel				39731	40620	41509		
Frequency (MHz)				2496.55	2506.35	2516.15		
100	PI/2-BPSK	1	0	23.31	23.37	23.36	24.2	0.0
100	PI/2-BPSK	1	50	23.32	23.37	23.37		
100	PI/2-BPSK	1	271	23.32	23.37	23.37		
100	PI/2-BPSK	135	0	22.32	22.37	22.37	23.2	0.8
100	PI/2-BPSK	135	68	22.32	22.37	22.37	23.2	0.8
100	PI/2-BPSK	135	135	22.32	22.37	22.37	23.2	0.8
100	PI/2-BPSK	1	0	23.24	23.30	23.29	24.2	0.0
100	QPSK	1	1	23.35	23.39	23.38		
100	QPSK	1	50	23.35	23.39	23.38		
100	QPSK	1	271	23.35	23.39	23.38		
100	QPSK	135	0	22.35	22.39	22.38	23.2	0.8
100	QPSK	135	68	22.35	22.39	22.38		
100	QPSK	135	135	22.35	22.39	22.38		
100	QPSK	1	0	23.31	23.36	23.35	24.2	1.0
100	16QAM	1	0	22.41	22.46	22.45	23.2	1.0
100	64QAM	1	0	21.18	21.30	21.30	22.2	2.0
100	256QAM	1	0	20.18	20.30	20.30	21.2	3.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
90	QPSK	1	0	22.31	22.36	22.36	23.2	0.8
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
80	QPSK	1	0	22.17	22.21	22.19	23.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
70	QPSK	1	0	21.17	21.21	21.19	22.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
60	QPSK	1	0	20.17	20.21	20.19	21.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
50	QPSK	1	0	19.17	19.21	19.19	20.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
40	QPSK	1	0	18.17	18.21	18.19	19.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
30	QPSK	1	0	17.17	17.21	17.19	18.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
20	QPSK	1	0	16.17	16.21	16.19	17.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
10	QPSK	1	0	15.17	15.21	15.19	16.2	1.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Channel	Power Middle Middle Channel	Power High Middle Channel	Tune-up limit (dBm)	MPR (dB)
Channel				39731	40620	41509		
Frequency (MHz)				2496.55	2506.35	2516.15		
100	PI/2-BPSK	1	0	26.31	26.37	26.36	26.7	0.0
100	PI/2-BPSK	1	50	26.32	26.37	26.37		
100	PI/2-BPSK	1	271	26.32	26.37	26.37		
100	PI/2-BPSK	135	0	25.32	25.37	25.37	25.7	0.8
100	PI/2-BPSK	135	68	25.32	25.37	25.37	25.7	0.8
100	PI/2-BPSK	135	135	25.32	25.37	25.37	25.7	0.8
100	PI/2-BPSK	1	0	26.24	26.30	26.29	26.7	0.0
100	QPSK	1	1	26.14	26.20	26.19		
100	QPSK	1	50	26.14	26.20	26.19		
100	QPSK	1	271	26.14	26.20	26.19		
100	QPSK	135	0	25.14	25.20	25.19	25.7	0.8
100	QPSK	135	68	25.14	25.20	25.19		
100	QPSK	135	135	25.14	25.20	25.19		
100	QPSK	1	0	26.31	26.36	26.35	26.7	1.0
100	16QAM	1	0	25.41	25.46	25.45	25.7	1.0
100	64QAM	1	0	24.18	24.30	24.30	24.7	2.0
100	256QAM	1	0	23.18	23.30	23.30	23.7	3.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
90	QPSK	1	0	25.31	25.36	25.36	26.2	0.8
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
80	QPSK	1	0	25.17	25.21	25.19	26.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
70	QPSK	1	0	24.17	24.21	24.19	25.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
60	QPSK	1	0	23.17	23.21	23.19	24.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
50	QPSK	1	0	22.17	22.21	22.19	23.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
40	QPSK	1	0	21.17	21.21	21.19	22.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
30	QPSK	1	0	20.17	20.21	20.19	21.2	1.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
20	QPSK	1	0	19.42	19.49	19.47	19.7	0.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
10	QPSK	1	0	18.44	18.47	18.45	18.7	0.0
Channel				40185	41094	42003	Tune-up limit	MPR
Frequency (MHz)				2593	2602.8	2612.6	(dBm)	(dB)
10	QPSK	1	1	18.41	18.47	18.45	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				524988	525888	526788		
Frequency (MHz)				2496.61	2497.51	2498.41		
100	PI/2 BPSK	1	0	12.41	12.51	12.61	13.2	0.0
100	PI/2 BPSK	1	50	12.37	12.47	12.58		
100	PI/2 BPSK	1	271	12.37	12.12	12.58		
100	PI/2 BPSK	100	0	12.12	12.12	12.22	13.2	0.0
100	PI/2 BPSK	100	50	12.08	12.18	12.28	13.2	0.0
100	PI/2 BPSK	100	271	12.08	12.18	12.28		
100	PI/2 BPSK	270	0	12.12	12.12	12.22	13.2	0.0
100	QPSK	1	0	12.19	12.51	12.35	13.2	0.0
100	QPSK	1	50	12.19	12.51	12.35		
100	QPSK	1	271	12.19	12.07	12.35		
100	QPSK	100	0	12.18	12.08	12.18	13.2	0.0
100	QPSK	100	50	12.18	12.18	12.28		
100	QPSK	100	271	12.18	12.08	12.28		
100	QPSK	270	0	12.18	12.08	12.28	13.2	0.0
100	16QAM	1	0	12.46	12.23	12.46	13.2	0.0
100	16QAM	1	50	12.46	12.23	12.46		
100	16QAM	1	271	12.46	12.23	12.46		
100	16QAM	100	0	12.38	12.13	12.38	13.2	0.0
100	16QAM	100	50	12.38	12.13	12.38	13.2	0.0
100	16QAM	100	271	12.38	12.13	12.38		
100	16QAM	270	0	12.38	12.13	12.38	13.2	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
80	QPSK	1	0	11.47	11.47	11.47	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
60	QPSK	1	0	11.47	11.47	11.47	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
40	QPSK	1	0	11.47	11.47	11.47	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
20	QPSK	1	0	11.46	12.02	11.40	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
10	QPSK	1	0	11.47	12.02	11.47	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
5	QPSK	1	0	11.47	12.02	11.47	12.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				524988	525888	526788		
Frequency (MHz)				2496.61	2497.51	2498.41		
100	PI/2 BPSK	1	0	12.41	12.51	12.61	13.2	0.0
100	PI/2 BPSK	1	50	12.37	12.47	12.58		
100	PI/2 BPSK	1	271	12.37	12.12	12.58		
100	PI/2 BPSK	100	0	12.12	12.12	12.22	13.2	0.0
100	PI/2 BPSK	100	50	12.08	12.18	12.28	13.2	0.0
100	PI/2 BPSK	100	271	12.08	12.18	12.28		
100	PI/2 BPSK	270	0	12.12	12.12	12.22	13.2	0.0
100	QPSK	1	0	12.19	12.51	12.35	13.2	0.0
100	QPSK	1	50	12.19	12.51	12.35		
100	QPSK	1	271	12.19	12.07	12.35		
100	QPSK	100	0	12.18	12.08	12.18	13.2	0.0
100	QPSK	100	50	12.18	12.18	12.28		
100	QPSK	100	271	12.18	12.08	12.28		
100	QPSK	270	0	12.18	12.08	12.28	13.2	0.0
100	16QAM	1	0	12.46	12.23	12.46	13.2	0.0
100	16QAM	1	50	12.46	12.23	12.46		
100	16QAM	1	271	12.46	12.23	12.46		
100	16QAM	100	0	12.38	12.13	12.38	13.2	0.0
100	16QAM	100	50	12.38	12.13	12.38	13.2	0.0
100	16QAM	100	271	12.38	12.13	12.38		
100	16QAM	270	0	12.38	12.13	12.38	13.2	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
80	QPSK	1	0	11.47	11.47	11.47	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
60	QPSK	1	0	11.47	11.47	11.47	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
40	QPSK	1	0	11.47	11.47	11.47	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
20	QPSK	1	0	11.46	12.02	11.40	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
10	QPSK	1	0	11.47	12.02	11.47	12.0	0.0
Channel				524988	525888	526788	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496.61	2497.51	2498.41		
5	QPSK	1	0	11.47	12.02	11.47	12.0	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	3640		
100	QPSK	1	1	19.42	19.49	19.20	20.2	0.0
100	QPSK	1	137	19.29	19.30	19.19		
100	QPSK	1	271	19.29	19.30	19.25		
100	QPSK	137	0	19.40	19.23	19.26	20.2	0.0
100	QPSK	137	68	19.14	19.45	19.25		
100	QPSK	137	138	19.09	19.28	19.20		
100	QPSK	273	0	18.66	18.70	18.59	19.7	0.5
100	16QAM	1	1	18.96	19.00	18.95	20.2	0.0
100	64QAM	1	1	18.08	18.10	18.05	19.2	1.0
100	256QAM	1	1	15.40	15.45	15.42	16.2	4.0
Channel				509202	518598	528000	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	19.48	19.36	19.37	20.2	0.0
Channel				507204	518598	529596	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	19.39	19.40	19.42	20.2	0.0
Channel				505202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	19.38	19.40	19.37	20.2	0.0
Channel				503200	518598	531998	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	19.33	19.35	19.25	20.2	0.0
Channel				504204	518598	532996	Tune-up limit	MPR
Frequency (MHz)				2522.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	19.39	19.43	19.26	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2518.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	19.42	19.33	19.29	20.2	0.0
Channel				502200	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	19.39	19.28	19.35	20.2	0.0
Channel				501204	518598	536996	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	19.36	19.45	19.25	20.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	19.39	19.41	19.35	20.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	19.39	19.28	19.29	20.2	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	3640		
100	QPSK	1	1	21.82	21.93	21.80	22.7	0.0
100	QPSK	1	137	20.79	21.08	20.75		
100	QPSK	1	271	20.71	21.00	20.66		
100	QPSK	137	0	20.71	20.99	20.84	22.7	0.0
100	QPSK	137	68	20.83	21.01	20.86		
100	QPSK	137	138	19.64	19.86	19.72		
100	QPSK	273	0	20.34	20.38	20.32	22.2	1.5
100	16QAM	1	1	20.49	20.65	20.56	22.7	0.5
100	64QAM	1	1	19.53	19.84	19.53	21.7	2.0
100	256QAM	1	1	17.08	17.39	17.07	18.7	5.0
Channel				509202	518598	528000	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	21.65	21.77	21.66	22.7	0.0
Channel				507204	518598	529596	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	21.79	21.71	21.65	22.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	21.72	21.79	21.65	22.7	0.0
Channel				503200	518598	531998	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	21.64	21.63	21.73	22.7	0.0
Channel				504204	518598	532996	Tune-up limit	MPR
Frequency (MHz)				2522.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	21.82	21.90	21.75	22.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2518.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	21.74	21.72	21.66	22.7	0.0
Channel				502200	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	21.75	21.75	21.75	22.7	0.0
Channel				501204	518598	536996	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	21.76	21.81	21.71	22.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	21.70	21.80	21.80	22.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	21.63	21.81	21.74	22.7	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	3640		
100	QPSK	1	1	12.02	12.29	12.06	13.2	0.0
100	QPSK	1	137	11.91	12.04	11.87		
100	QPSK	1	271	12.04	12.05	11.77		
100	QPSK	137	0	12.05	11.89	11.96	13.2	0.0
100	QPSK	137	68	12.03	12.15	12.05		
100	QPSK	137	138	11.88	11.89	11.99		
100	QPSK	273	0	12.08	12.11	11.97	13.2	0.0
100	16QAM	1	1	12.21	12.16	11.97	13.2	0.0
100	64QAM	1	1	11.90	11.95	11.88	13.2	0.0
100	256QAM	1	1	11.85	12.17	11.95	13.2	0.0
Channel				509202	518598	528000	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	12.07	12.12	12.13	13.2	0.0
Channel				507204	518598	529596	Tune-up limit	MPR
Frequency (MHz)				2538.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	12.05	12.19	12.09	13.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	12.05	12.15	12.00	13.2	0.0
Channel				503200	518598	531998	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	12.05	12.07	11.99	13.2	0.0
Channel				504204	518598	532996	Tune-up limit	MPR
Frequency (MHz)				2522.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	12.09	12.18	12.07	13.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2518.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	11.96	12.01	12.05	13.2	0.0
Channel				502200	518598	534998	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	12.02	12.12	12.09	13.2	0.0
Channel				501204	518598	535996	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	12.12	12.20	12.01	13.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	12.09	12.02	11.98	13.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	11.88	12.20	12.07	13.2	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	11.89	11.98	11.89	13.2	0.0
40	PI/2 BPSK	1	53	11.80	11.85	11.75		
40	PI/2 BPSK	1	104	11.88	11.98	11.89		
40	PI/2 BPSK	50	0	11.87	11.88	11.88	13.2	0.0
40	PI/2 BPSK	50	28	11.83	11.89	11.78	13.2	0.0
40	PI/2 BPSK	50	56	11.71	11.87	11.84	13.2	0.0
40	PI/2 BPSK	100	0	11.76	11.88	11.74		
40	QPSK	1	1	11.85	12.05	11.87	13.2	0.0
40	QPSK	1	53	11.83	11.88	11.85		
40	QPSK	1	104	11.86	11.87	11.90		
40	QPSK	50	0	11.90	11.83	11.82	13.2	0.0
40	QPSK	50	28	11.81	11.93	11.82		
40	QPSK	50	56	11.76	11.81	11.82		
40	QPSK	100	0	11.74	11.87	11.78	13.2	0.0
40	16QAM	1	1	11.87	11.97	11.77	13.2	0.0
40	64QAM	1	1	11.74	11.85	11.79	13.2	0.0
40	256QAM	1	1	11.84	11.88	11.83	13.2	0.0
Channel				637334	641666	645999	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.01	3624.99	3685		
20	QPSK	1	1	11.93	11.92	11.91	13.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550	3624.99	3699.98		
10	QPSK	1	1	11.93	12.00	12.01	13.2	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	17.65	17.66	17.60	19.2	0.0
40	PI/2 BPSK	1	53	17.49	17.40	17.51		
40	PI/2 BPSK	1	104	17.43	17.59	17.50		
40	PI/2 BPSK	50	0	17.67	17.76	17.70	19.2	0.0
40	PI/2 BPSK	50	28	17.63	17.69	17.61	19.2	0.0
40	PI/2 BPSK	50	56	17.53	17.58	17.51	19.2	0.0
40	PI/2 BPSK	100	0	17.61	17.64	17.52		
40	QPSK	1	1	17.82	17.83	17.74	19.2	0.0
40	QPSK	1	53	17.58	17.58	17.57		
40	QPSK	1	104	17.71	17.72	17.75		
40	QPSK	50	0	17.64	17.68	17.63	19.2	0.0
40	QPSK	50	28	17.51	17.70	17.51		
40	QPSK	50	56	17.52	17.60	17.63		
40	QPSK	100	0	17.55	17.60	17.61	19.2	0.0
40	16QAM	1	1	17.69	17.60	17.63	19.2	0.0
40	64QAM	1	1	17.64	17.63	17.52	19.2	0.0
40	256QAM	1	1	17.00	17.11	16.97	19.2	0.0
Channel				637334	641666	645999	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.01	3624.99	3685		
20	QPSK	1	1	17.45	17.44	17.51	19.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550	3624.99	3699.98		
10	QPSK	1	1	17.40	17.42	17.42	19.2	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	11.92	12.11	12.01	13.2	0.0
100	PI/2 BPSK	1	137	11.98	11.98	11.91		
100	PI/2 BPSK	1	271	11.93	11.77	11.84		
100	PI/2 BPSK	135	0	11.97	12.03	11.94	13.2	0.0
100	PI/2 BPSK	135	69	11.92	12.08	12.01	13.2	0.0
100	PI/2 BPSK	135	138	11.75	11.92	11.81	13.2	0.0
100	PI/2 BPSK	270	0	12.02	11.76	11.84		
100	QPSK	1	1	12.13	12.30	12.12	13.2	0.0
100	QPSK	1	137	11.90	12.05	11.99		
100	QPSK	1	271	11.81	11.82	11.77		
100	QPSK	135	0	11.90	11.99	11.84	13.2	0.0
100	QPSK	135	69	11.82	12.24	11.83		
100	QPSK	135	138	11.76	11.77	11.80		
100	QPSK	270	0	11.99	12.00	11.84	13.2	0.0
100	16QAM	1	1	11.91	12.05	11.86	13.2	0.0
100	64QAM	1	1	11.70	11.98	11.74	13.2	0.0
100	256QAM	1	1	11.68	11.83	11.74	13.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.98	13.90	13.78	13.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.92	13.89	13.78	13.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.96	14.02	13.76	13.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.88	14.02	13.87	13.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.95	14.00	13.89	13.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.91	14.04	13.76	13.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	13.85	13.87	13.89	13.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.93	13.98	13.73	13.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	13.94	14.02	13.77	13.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.00	13.90	13.92	13.2	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	11.92	12.11	12.01	13.2	0.0
100	PI/2 BPSK	1	137	11.98	11.98	11.91		
100	PI/2 BPSK	1	271	11.93	11.77	11.84		
100	PI/2 BPSK	135	0	11.97	12.03	11.94	13.2	0.0
100	PI/2 BPSK	135	69	11.92	12.08	12.01	13.2	0.0
100	PI/2 BPSK	135	138	11.75	11.92	11.81	13.2	0.0
100	PI/2 BPSK	270	0	12.02	11.76	11.84		
100	QPSK	1	1	12.13	12.30	12.12	13.2	0.0
100	QPSK	1	137	11.90	12.05	11.99		
100	QPSK	1	271	11.81	11.82	11.77		
100	QPSK	135	0	11.90	11.99	11.84	13.2	0.0
100	QPSK	135	69	11.82	12.24	11.83		
100	QPSK	135	138	11.76	11.77	11.80		
100	QPSK	270	0	11.99	12.00	11.84	13.2	0.0
100	16QAM	1	1	11.91	12.05	11.86	13.2	0.0
100	64QAM	1	1	11.70	11.98	11.74	13.2	0.0
100	256QAM	1	1	11.68	11.83	11.74	13.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.98	13.90	13.78	13.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.92	13.89	13.78	13.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.96	14.02	13.76	13.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.88	14.02	13.87	13.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.95	14.00	13.89	13.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.91	14.04	13.76	13.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	13.85	13.87	13.89	13.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.93	13.98	13.73	13.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	13.94	14.02	13.77	13.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.00	13.90	13.92	13.2	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		12.11		13.2	0.0
100	PI/2 BPSK	1	137		12.04			
100	PI/2 BPSK	1	271		11.87			
100	PI/2 BPSK	135	0		11.92		13.2	0.0
100	PI/2 BPSK	135	69		12.10		13.2	0.0
100	PI/2 BPSK	135	138		11.87		13.2	0.0
100	PI/2 BPSK	270	0		11.89			
100	QPSK	1	1		12.21		13.2	0.0
100	QPSK	1	137		11.93			
100	QPSK	1	271		11.86			
100	QPSK	135	0		11.97		13.2	0.0
100	QPSK	135	69		12.12			
100	QPSK	135	138		11.80			
100	QPSK	270	0		11.80		13.2	0.0
100	16QAM	1	1		11.96		13.2	0.0
100	64QAM	1	1		11.89		13.2	0.0
100	256QAM	1	1		11.78		13.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.01	14.05	13.84	13.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.00	14.02	14.01	13.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.99	14.08	13.86	13.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.12	14.06	14.01	13.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.02	14.03	13.87	13.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.11	14.13	13.94	13.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.08	14.12	13.89	13.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.08	14.16	13.99	13.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.18	14.10	13.92	13.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.08	14.08	13.89	13.2	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		12.11		13.2	0.0
100	PI/2 BPSK	1	137		12.04			
100	PI/2 BPSK	1	271		11.87			
100	PI/2 BPSK	135	0		11.92		13.2	0.0
100	PI/2 BPSK	135	69		12.10		13.2	0.0
100	PI/2 BPSK	135	138		11.87		13.2	0.0
100	PI/2 BPSK	270	0		11.89			
100	QPSK	1	1		12.21		13.2	0.0
100	QPSK	1	137		11.93			
100	QPSK	1	271		11.86			
100	QPSK	135	0		11.97		13.2	0.0
100	QPSK	135	69		12.12			
100	QPSK	135	138		11.80			
100	QPSK	270	0		11.80		13.2	0.0
100	16QAM	1	1		11.96		13.2	0.0
100	64QAM	1	1		11.89		13.2	0.0
100	256QAM	1	1		11.78		13.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.01	14.05	13.84	13.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.00	14.02	14.01	13.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.99	14.08	13.86	13.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.12	14.06	14.01	13.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.02	14.03	13.87	13.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.11	14.13	13.94	13.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.08	14.12	13.89	13.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.08	14.16	13.99	13.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	14.18	14.10	13.92	13.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	14.08	14.08	13.89	13.2	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	QPSK	1	1	12.04	12.29	12.05	13.2	0.0
100	QPSK	1	137	11.72	11.99	11.90		
100	QPSK	1	271	11.76	11.70	11.75		
100	QPSK	137	0	11.89	11.86	11.74	13.2	0.0
100	QPSK	137	68	11.79	12.09	11.81		
100	QPSK	137	138	11.67	11.66	11.63		
100	QPSK	273	0	11.88	11.89	11.66	13.2	0.0
100	16QAM	1	1	11.79	12.03	11.79	13.2	0.0
100	64QAM	1	1	11.70	11.81	11.65	13.2	0.0
100	256QAM	1	1	11.55	11.72	11.67	13.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	12.12	12.11	12.01	13.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	11.96	12.07	11.96	13.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	12.10	12.19	12.12	13.2	0.0
Channel				648666	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	12.03	12.10	11.95	13.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	12.08	12.23	12.06	13.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	12.04	12.11	11.98	13.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	12.11	12.22	11.93	13.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	12.06	12.10	11.96	13.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	11.97	12.07	12.02	13.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	11.96	12.16	12.08	13.2	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	QPSK	1	1		12.15		13.2	0.0
100	QPSK	1	137		11.92			
100	QPSK	1	271		11.72			
100	QPSK	137	0		11.85		13.2	0.0
100	QPSK	137	68		12.01			
100	QPSK	137	138		11.73			
100	QPSK	273	0		11.63		13.2	0.0
100	16QAM	1	1		11.88		13.2	0.0
100	64QAM	1	1		11.83		13.2	0.0
100	256QAM	1	1		11.64		13.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	12.13	12.02	11.91	13.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	11.98	11.98	12.01	13.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	12.00	11.92	12.02	13.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	12.05	11.93	12.00	13.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	12.08	11.91	12.09	13.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	12.12	12.10	11.91	13.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	12.04	11.95	11.96	13.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	12.12	12.06	11.97	13.2	0.0
Channel				630500	633332	636165	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	11.97	11.91	11.90	13.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	12.03	11.95	12.07	13.2	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	18.90	18.95	18.85		
100	PI/2 BPSK	1	137	18.99	18.94	18.94	20.2	0.0
100	PI/2 BPSK	1	271	19.09	19.02	18.86		
100	PI/2 BPSK	135	0	18.84	19.03	18.93	20.2	0.0
100	PI/2 BPSK	135	69	18.95	18.96	18.83	20.2	0.0
100	PI/2 BPSK	135	138	18.96	18.92	18.94	20.2	0.0
100	PI/2 BPSK	270	0	18.80	18.84	18.83		
100	QPSK	1	1	19.00	19.12	19.01		
100	QPSK	1	137	18.87	19.02	18.81	20.2	0.0
100	QPSK	1	271	18.97	18.95	18.78		
100	QPSK	135	0	18.99	19.00	19.05		
100	QPSK	135	69	18.87	19.07	18.94	20.2	0.0
100	QPSK	135	138	18.88	18.89	18.76		
100	QPSK	270	0	18.98	19.01	18.94	20.2	0.0
100	16QAM	1	1	18.70	18.76	18.68	20.2	0.0
100	64QAM	1	1	19.04	19.03	19.00	20.2	0.0
100	256QAM	1	1	17.50	17.45	17.39	18.2	2.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.85	18.90	18.79	20.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.83	18.91	18.81	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.85	18.94	18.75	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.90	18.86	18.84	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.85	18.88	18.81	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.83	18.90	18.81	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.88	18.92	18.78	20.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	(dBm)	(dB)
25	QPSK	1	1	18.90	18.94	18.84	20.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.80	18.87	18.83	20.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.89	18.87	18.85	20.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.89	18.85	18.82	20.2	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	18.90	18.95	18.85		
100	PI/2 BPSK	1	137	18.99	18.94	18.94	20.2	0.0
100	PI/2 BPSK	1	271	19.09	19.02	18.86		
100	PI/2 BPSK	135	0	18.84	19.03	18.93	20.2	0.0
100	PI/2 BPSK	135	69	18.95	18.96	18.83	20.2	0.0
100	PI/2 BPSK	135	138	18.96	18.92	18.94	20.2	0.0
100	PI/2 BPSK	270	0	18.80	18.84	18.83		
100	QPSK	1	1	19.00	19.12	19.01		
100	QPSK	1	137	18.87	19.02	18.81	20.2	0.0
100	QPSK	1	271	18.97	18.95	18.78		
100	QPSK	135	0	18.99	19.00	19.05		
100	QPSK	135	69	18.87	19.07	18.94	20.2	0.0
100	QPSK	135	138	18.88	18.89	18.76		
100	QPSK	270	0	18.98	19.01	18.94	20.2	0.0
100	16QAM	1	1	18.70	18.76	18.68	20.2	0.0
100	64QAM	1	1	19.04	19.03	19.00	20.2	0.0
100	256QAM	1	1	17.50	17.45	17.39	18.2	2.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.85	18.90	18.79	20.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.83	18.91	18.81	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.85	18.94	18.75	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.90	18.86	18.84	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.85	18.88	18.81	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.83	18.90	18.81	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.88	18.92	18.78	20.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840.00	3967.50	(dBm)	(dB)
25	QPSK	1	1	18.90	18.94	18.84	20.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.80	18.87	18.83	20.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.89	18.87	18.85	20.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.89	18.85	18.82	20.2	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		18.90			
100	PI/2 BPSK	1	137		18.85		20.2	0.0
100	PI/2 BPSK	1	271		19.00			
100	PI/2 BPSK	135	0		18.92		20.2	0.0
100	PI/2 BPSK	135	69		18.77		20.2	0.0
100	PI/2 BPSK	135	138		18.82		20.2	0.0
100	PI/2 BPSK	270	0		18.89			
100	QPSK	1	1		19.03			
100	QPSK	1	137		19.02		20.2	0.0
100	QPSK	1	271		18.84			
100	QPSK	135	0		18.86			
100	QPSK	135	69		18.95		20.2	0.0
100	QPSK	135	138		18.75			
100	QPSK	270	0		18.77		20.2	0.0
100	16QAM	1	1		18.98		20.2	0.0
100	64QAM	1	1		18.90		20.2	0.0
100	256QAM	1	1		17.46		18.2	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.88	18.82	18.82	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.86	18.79	18.77	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.84	18.85	18.82	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.80	18.84	18.80	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.81	18.82	18.80	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.82	18.81	18.75	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.81	18.85	18.73	20.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.81	18.85	18.74	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.81	18.81	18.75	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.90	18.81	18.80	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.86	18.87	18.75	20.2	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		18.90			
100	PI/2 BPSK	1	137		18.85		20.2	0.0
100	PI/2 BPSK	1	271		19.00			
100	PI/2 BPSK	135	0		18.92		20.2	0.0
100	PI/2 BPSK	135	69		18.77		20.2	0.0
100	PI/2 BPSK	135	138		18.82		20.2	0.0
100	PI/2 BPSK	270	0		18.89			
100	QPSK	1	1		19.03			
100	QPSK	1	137		19.02		20.2	0.0
100	QPSK	1	271		18.84			
100	QPSK	135	0		18.86			
100	QPSK	135	69		18.95		20.2	0.0
100	QPSK	135	138		18.75			
100	QPSK	270	0		18.77		20.2	0.0
100	16QAM	1	1		18.98		20.2	0.0
100	64QAM	1	1		18.90		20.2	0.0
100	256QAM	1	1		17.46		18.2	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.88	18.82	18.82	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.86	18.79	18.77	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.84	18.85	18.82	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.80	18.84	18.80	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.81	18.82	18.80	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.82	18.81	18.75	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.81	18.85	18.73	20.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.81	18.85	18.74	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.81	18.81	18.75	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.90	18.81	18.80	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.86	18.87	18.75	20.2	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	QPSK	1	1	18.81	19.05	18.83	20.2	0.0
100	QPSK	1	137	18.68	19.01	18.76		
100	QPSK	1	271	18.88	18.90	18.73		
100	QPSK	137	0	18.90	18.84	18.91	20.2	0.0
100	QPSK	137	68	18.95	19.00	18.93		
100	QPSK	137	138	18.70	18.77	18.76		
100	QPSK	273	0	18.84	18.87	18.80	20.2	0.0
100	16QAM	1	1	18.56	18.69	18.67	20.2	0.0
100	64QAM	1	1	18.89	18.94	18.85	20.2	0.0
100	256QAM	1	1	17.30	17.28	17.33	18.2	2.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.76	18.97	18.81	20.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.92	18.89	18.85	20.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.77	18.99	18.82	20.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.85	18.90	18.89	20.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.78	18.85	18.89	20.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.85	18.98	18.95	20.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	18.77	18.97	18.82	20.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.80	18.97	18.86	20.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	18.87	18.88	19.00	20.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.79	18.86	18.81	20.2	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	QPSK	1	1		19.00		20.2	0.0
100	QPSK	1	137		18.90			
100	QPSK	1	271		18.69			
100	QPSK	137	0		18.70		20.2	0.0
100	QPSK	137	68		18.92			
100	QPSK	137	138		18.61			
100	QPSK	273	0		18.68		20.2	0.0
100	16QAM	1	1		18.86		20.2	0.0
100	64QAM	1	1		18.76		20.2	0.0
100	256QAM	1	1		17.30		18.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.79	18.89	18.78	20.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.83	18.94	18.79	20.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.92	18.83	18.88	20.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.88	18.84	18.81	20.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.78	18.93	18.90	20.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.91	18.85	18.80	20.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.75	18.91	18.78	20.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.80	18.82	18.88	20.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	18.88	18.92	18.83	20.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	18.75	18.90	18.79	20.2	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				616666	616666	616666		
Frequency [MHz]				3700	3700	3700		
100	PI/2 BPSK	1	0	11.38	11.31	11.38	12.7	0.0
100	PI/2 BPSK	1	135	11.38	11.31	11.38		
100	PI/2 BPSK	1	271	11.32	11.32	11.38		
100	PI/2 BPSK	135	0	11.32	11.32	11.38	12.7	0.0
100	PI/2 BPSK	135	68	11.38	11.25	11.38	12.7	0.0
100	PI/2 BPSK	135	135	11.38	11.25	11.38	12.7	0.0
100	PI/2 BPSK	270	0	11.38	11.25	11.38		
100	QPSK	1	0	11.32	11.38	11.38	12.7	0.0
100	QPSK	1	135	11.38	11.31	11.38		
100	QPSK	1	271	11.38	11.31	11.38		
100	QPSK	135	0	11.32	11.31	11.38	12.7	0.0
100	QPSK	135	68	11.32	11.25	11.32		
100	QPSK	135	135	11.32	11.25	11.32		
100	QPSK	270	0	11.32	11.25	11.32		
100	64QAM	1	0	11.38	11.38	11.38	12.7	0.0
100	64QAM	1	135	11.38	11.38	11.38	12.7	0.0
Channel				616666	616666	616666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3700	3700	3700		
50	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
40	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
30	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
20	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
15	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
10	QPSK	1	0	11.38	11.38	11.38	12.7	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				616666	616666	616666		
Frequency [MHz]				3700	3700	3700		
100	PI/2 BPSK	1	0	11.32	11.32	11.32	12.7	0.0
100	PI/2 BPSK	1	271	11.32	11.32	11.32		
100	PI/2 BPSK	135	0	11.32	11.32	11.32	12.7	0.0
100	PI/2 BPSK	135	68	11.38	11.25	11.38	12.7	0.0
100	PI/2 BPSK	135	135	11.38	11.25	11.38	12.7	0.0
100	PI/2 BPSK	270	0	11.38	11.25	11.38		
100	QPSK	1	0	11.32	11.38	11.38	12.7	0.0
100	QPSK	1	271	11.38	11.31	11.38		
100	QPSK	135	0	11.32	11.31	11.32	12.7	0.0
100	QPSK	135	68	11.32	11.25	11.32		
100	QPSK	135	135	11.32	11.25	11.32		
100	QPSK	270	0	11.32	11.25	11.32		
100	64QAM	1	0	11.38	11.38	11.38	12.7	0.0
100	64QAM	1	135	11.38	11.38	11.38	12.7	0.0
Channel				616666	616666	616666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3700	3700	3700		
50	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
40	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
30	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
20	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
15	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
10	QPSK	1	0	11.38	11.38	11.38	12.7	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					616666			
Frequency [MHz]					3700			
100	PI/2 BPSK	1	0		11.38			
100	PI/2 BPSK	1	271		11.32		12.7	0.0
100	PI/2 BPSK	135	0		11.32		12.7	0.0
100	PI/2 BPSK	135	68		11.38		12.7	0.0
100	PI/2 BPSK	135	135		11.38		12.7	0.0
100	PI/2 BPSK	270	0		11.38			
100	QPSK	1	0		11.32			
100	QPSK	1	271		11.38		12.7	0.0
100	QPSK	135	0		11.32			
100	QPSK	135	68		11.32		12.7	0.0
100	QPSK	135	135		11.32			
100	QPSK	270	0		11.32			
100	64QAM	1	0		11.38		12.7	0.0
100	64QAM	1	135		11.38		12.7	0.0
Channel				616666	616666	616666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3700	3700	3700		
50	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
40	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
30	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
20	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
15	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
10	QPSK	1	0	11.38	11.38	11.38	12.7	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					616666			
Frequency [MHz]					3700			
100	PI/2 BPSK	1	0		11.32			
100	PI/2 BPSK	1	271		11.32		12.7	0.0
100	PI/2 BPSK	135	0		11.32		12.7	0.0
100	PI/2 BPSK	135	68		11.38		12.7	0.0
100	PI/2 BPSK	135	135		11.38		12.7	0.0
100	PI/2 BPSK	270	0		11.38			
100	QPSK	1	0		11.32			
100	QPSK	1	271		11.38		12.7	0.0
100	QPSK	135	0		11.32			
100	QPSK	135	68		11.32		12.7	0.0
100	QPSK	135	135		11.32			
100	QPSK	270	0		11.32			
100	64QAM	1	0		11.38		12.7	0.0
100	64QAM	1	135		11.38		12.7	0.0
Channel				616666	616666	616666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3700	3700	3700		
50	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
40	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
30	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
20	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
15	QPSK	1	0	11.38	11.38	11.38	12.7	0.0
Channel				616334	616000	615666	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3699.01	3699	3698.99		
10	QPSK	1	0	11.38	11.38	11.38	12.7	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	QPSK	1	1	11.14	11.21	11.19	12.7	0.0
100	QPSK	1	137	11.12	11.08	11.18		
100	QPSK	1	271	11.13	11.08	10.96		
100	QPSK	137	0	10.94	11.18	11.18	12.7	0.0
100	QPSK	137	68	10.95	11.20	11.19		
100	QPSK	137	138	11.01	11.19	11.09		
100	QPSK	273	0	11.14	11.18	10.94	12.7	0.0
100	16QAM	1	1	10.97	10.92	11.18	12.7	0.0
100	64QAM	1	1	11.04	10.88	11.15	12.7	0.0
100	256QAM	1	1	11.08	11.09	11.15	12.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	11.10	11.15	11.01	12.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	11.03	11.00	11.10	12.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	11.15	11.12	11.08	12.7	0.0
Channel				648666	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	11.09	10.98	11.13	12.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	11.18	11.08	11.15	12.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	10.99	11.00	11.17	12.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	11.17	11.02	11.11	12.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	11.17	11.00	11.12	12.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	11.13	11.09	11.15	12.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	11.01	11.02	11.08	12.7	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	QPSK	1	1		11.50		12.7	0.0
100	QPSK	1	137		11.29			
100	QPSK	1	271		11.26			
100	QPSK	137	0		11.44		12.7	0.0
100	QPSK	137	68		11.58			
100	QPSK	137	138		11.29			
100	QPSK	273	0		11.43		12.7	0.0
100	16QAM	1	1		11.39		12.7	0.0
100	64QAM	1	1		11.34		12.7	0.0
100	256QAM	1	1		11.53		12.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	11.42	11.39	11.46	12.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	11.33	11.28	11.33	12.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	11.34	11.36	11.32	12.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	11.35	11.38	11.48	12.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	11.32	11.37	11.29	12.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	11.32	11.35	11.29	12.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	11.48	11.40	11.31	12.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	11.48	11.44	11.33	12.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	11.40	11.31	11.48	12.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	11.32	11.26	11.30	12.7	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	16.65	16.73	16.63		
100	PI/2 BPSK	1	137	16.39	16.42	16.47	18.2	0.0
100	PI/2 BPSK	1	271	16.34	16.33	16.33		
100	PI/2 BPSK	135	0	16.62	16.68	16.55	18.2	0.0
100	PI/2 BPSK	135	69	16.41	16.48	16.51	18.2	0.0
100	PI/2 BPSK	135	138	16.26	16.43	16.37	18.2	0.0
100	PI/2 BPSK	270	0	16.46	16.57	16.38		
100	QPSK	1	1	16.77	16.85	16.79		
100	QPSK	1	137	16.37	16.54	16.44	18.2	0.0
100	QPSK	1	271	16.29	16.42	16.25		
100	QPSK	135	0	16.60	16.60	16.57		
100	QPSK	135	69	16.63	16.75	16.60	18.2	0.0
100	QPSK	135	138	16.35	16.49	16.43		
100	QPSK	270	0	16.48	16.61	16.47	18.2	0.0
100	16QAM	1	1	16.51	16.64	16.50	18.2	0.0
100	64QAM	1	1	16.73	16.80	16.67	18.2	0.0
100	256QAM	1	1	16.71	16.74	16.66	18.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.52	16.64	16.50	18.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.57	16.67	16.54	18.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.52	16.61	16.56	18.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.60	16.59	16.51	18.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.59	16.68	16.53	18.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.60	16.62	16.56	18.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.53	16.59	16.54	18.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.58	16.64	16.51	18.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.57	16.62	16.54	18.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.57	16.62	16.54	18.2	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	16.65	16.73	16.63		
100	PI/2 BPSK	1	137	16.39	16.42	16.47	18.2	0.0
100	PI/2 BPSK	1	271	16.34	16.33	16.33		
100	PI/2 BPSK	135	0	16.62	16.68	16.55	18.2	0.0
100	PI/2 BPSK	135	69	16.41	16.48	16.51	18.2	0.0
100	PI/2 BPSK	135	138	16.26	16.43	16.37	18.2	0.0
100	PI/2 BPSK	270	0	16.46	16.57	16.38		
100	QPSK	1	1	16.77	16.85	16.79		
100	QPSK	1	137	16.37	16.54	16.44	18.2	0.0
100	QPSK	1	271	16.29	16.42	16.25		
100	QPSK	135	0	16.60	16.60	16.57		
100	QPSK	135	69	16.63	16.75	16.60	18.2	0.0
100	QPSK	135	138	16.35	16.49	16.43		
100	QPSK	270	0	16.48	16.61	16.47	18.2	0.0
100	16QAM	1	1	16.51	16.64	16.50	18.2	0.0
100	64QAM	1	1	16.73	16.80	16.67	18.2	0.0
100	256QAM	1	1	16.71	16.74	16.66	18.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.52	16.64	16.50	18.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.57	16.67	16.54	18.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.52	16.61	16.56	18.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.60	16.59	16.51	18.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.59	16.68	16.53	18.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.60	16.62	16.56	18.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.53	16.59	16.54	18.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.58	16.64	16.51	18.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.57	16.62	16.54	18.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.57	16.62	16.54	18.2	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		17.41			
100	PI/2 BPSK	1	137		17.33		18.2	0.0
100	PI/2 BPSK	1	271		17.22			
100	PI/2 BPSK	135	0		17.35		18.2	0.0
100	PI/2 BPSK	135	69		17.30		18.2	0.0
100	PI/2 BPSK	135	138		17.23		18.2	0.0
100	PI/2 BPSK	270	0		17.29			
100	QPSK	1	1		17.47			
100	QPSK	1	137		17.26		18.2	0.0
100	QPSK	1	271		17.07			
100	QPSK	135	0		17.30			
100	QPSK	135	69		17.37		18.2	0.0
100	QPSK	135	138		17.21			
100	QPSK	270	0		17.30		18.2	0.0
100	16QAM	1	1		17.19		18.2	0.0
100	64QAM	1	1		17.35		18.2	0.0
100	256QAM	1	1		17.22		18.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.29	17.18	17.17	18.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.35	17.19	17.20	18.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.37	17.26	17.25	18.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.37	17.21	17.24	18.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.30	17.26	17.17	18.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.34	17.21	17.20	18.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.29	17.19	17.21	18.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.35	17.24	17.26	18.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.36	17.23	17.22	18.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.38	17.27	17.16	18.2	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		17.41			
100	PI/2 BPSK	1	137		17.33		18.2	0.0
100	PI/2 BPSK	1	271		17.22			
100	PI/2 BPSK	135	0		17.35		18.2	0.0
100	PI/2 BPSK	135	69		17.30		18.2	0.0
100	PI/2 BPSK	135	138		17.23		18.2	0.0
100	PI/2 BPSK	270	0		17.29			
100	QPSK	1	1		17.47			
100	QPSK	1	137		17.26		18.2	0.0
100	QPSK	1	271		17.07			
100	QPSK	135	0		17.30			
100	QPSK	135	69		17.37		18.2	0.0
100	QPSK	135	138		17.21			
100	QPSK	270	0		17.30		18.2	0.0
100	16QAM	1	1		17.19		18.2	0.0
100	64QAM	1	1		17.35		18.2	0.0
100	256QAM	1	1		17.22		18.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.29	17.18	17.17	18.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.35	17.19	17.20	18.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.37	17.26	17.25	18.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.37	17.21	17.24	18.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.30	17.26	17.17	18.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.34	17.21	17.20	18.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.29	17.19	17.21	18.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.35	17.24	17.26	18.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.36	17.23	17.22	18.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.38	17.27	17.16	18.2	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	QPSK	1	1	16.64	16.82	16.63	18.2	0.0
100	QPSK	1	137	16.19	16.45	16.33		
100	QPSK	1	271	16.11	16.41	16.13		
100	QPSK	137	0	16.50	16.49	16.47	18.2	0.0
100	QPSK	137	68	16.47	16.74	16.41		
100	QPSK	137	138	16.20	16.34	16.38		
100	QPSK	273	0	16.36	16.56	16.46	18.2	0.0
100	16QAM	1	1	16.49	16.55	16.36	18.2	0.0
100	64QAM	1	1	16.61	16.69	16.63	18.2	0.0
100	256QAM	1	1	16.54	16.65	16.56	18.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.58	16.75	16.73	18.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.63	16.63	16.62	18.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.67	16.80	16.71	18.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.70	16.64	16.60	18.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.58	16.66	16.64	18.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.61	16.69	16.78	18.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.63	16.76	16.67	18.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.72	16.63	16.68	18.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.64	16.74	16.74	18.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.69	16.69	16.65	18.2	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	QPSK	1	1		17.39		18.2	0.0
100	QPSK	1	137		17.07			
100	QPSK	1	271		16.90			
100	QPSK	137	0		17.21		18.2	0.0
100	QPSK	137	68		17.25			
100	QPSK	137	138		17.03			
100	QPSK	273	0		17.28		18.2	0.0
100	16QAM	1	1		17.07		18.2	0.0
100	64QAM	1	1		17.24		18.2	0.0
100	256QAM	1	1		17.16		18.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.32	17.23	17.34	18.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.28	17.22	17.42	18.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.20	17.27	17.40	18.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.28	17.25	17.36	18.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.20	17.37	17.52	18.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.38	17.28	17.31	18.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.25	17.35	17.30	18.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.35	17.36	17.29	18.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.29	17.32	17.36	18.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.28	17.26	17.32	18.2	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				620000	630000	640000		
Frequency [MHz]				3100	3150	3200		
100	PI/2 BPSK	1	0	11.41	11.41	11.41	13.2	0.0
100	PI/2 BPSK	1	135	11.52	11.52	11.52		
100	PI/2 BPSK	1	271	11.52	11.52	11.52		
100	PI/2 BPSK	106	0	11.52	11.52	11.52	13.2	0.0
100	PI/2 BPSK	106	66	11.48	11.48	11.48	13.2	0.0
100	PI/2 BPSK	106	135	11.48	11.48	11.48	13.2	0.0
100	PI/2 BPSK	216	0	11.48	11.48	11.48	13.2	0.0
100	QPSK	1	0	12.03	12.03	12.03		
100	QPSK	1	135	11.89	11.89	11.89	13.2	0.0
100	QPSK	1	271	11.89	11.89	11.89		
100	QPSK	106	0	11.92	11.92	11.92	13.2	0.0
100	QPSK	106	66	11.89	11.89	11.89		
100	QPSK	106	135	11.89	11.89	11.89		
100	QPSK	216	0	11.92	11.92	11.92	13.2	0.0
100	64QAM	1	0	11.61	11.61	11.61	13.2	0.0
100	64QAM	1	1	11.76	11.76	11.76	13.2	0.0
Channel				640000	650000	660000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3200.01	3250	3299.99		
50	QPSK	1	0	11.41	11.41	11.41	13.2	0.0
Channel				620000	630000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.01	3150	3199.99		
40	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620000	630000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.01	3150	3199.99		
30	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620016	630000	639984	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.08	3150	3199.92		
20	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620032	630000	639968	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.16	3150	3199.84		
15	QPSK	1	0	11.92	11.92	11.92	13.2	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				620000	630000	640000		
Frequency [MHz]				3100	3150	3200		
100	PI/2 BPSK	1	0	11.41	11.41	11.41	13.2	0.0
100	PI/2 BPSK	1	271	11.52	11.52	11.52		
100	PI/2 BPSK	106	0	11.52	11.52	11.52	13.2	0.0
100	PI/2 BPSK	106	66	11.48	11.48	11.48	13.2	0.0
100	PI/2 BPSK	216	0	11.48	11.48	11.48	13.2	0.0
100	QPSK	1	0	12.03	12.03	12.03		
100	QPSK	1	271	11.89	11.89	11.89	13.2	0.0
100	QPSK	106	0	11.92	11.92	11.92		
100	QPSK	106	66	11.89	11.89	11.89	13.2	0.0
100	QPSK	216	0	11.92	11.92	11.92		
100	64QAM	1	0	11.61	11.61	11.61	13.2	0.0
100	64QAM	1	1	11.76	11.76	11.76	13.2	0.0
Channel				640000	650000	660000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3200.01	3250	3299.99		
50	QPSK	1	0	11.41	11.41	11.41	13.2	0.0
Channel				620000	630000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.01	3150	3199.99		
40	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620000	630000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.01	3150	3199.99		
30	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620016	630000	639984	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.08	3150	3199.92		
20	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620032	630000	639968	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.16	3150	3199.84		
15	QPSK	1	0	11.92	11.92	11.92	13.2	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				620016	630000	639984		
Frequency [MHz]				3100.08	3150	3199.92		
100	PI/2 BPSK	1	0	11.41	11.41	11.41	13.2	0.0
100	PI/2 BPSK	1	271	11.52	11.52	11.52		
100	PI/2 BPSK	106	0	11.52	11.52	11.52	13.2	0.0
100	PI/2 BPSK	106	66	11.48	11.48	11.48	13.2	0.0
100	PI/2 BPSK	216	0	11.48	11.48	11.48	13.2	0.0
100	QPSK	1	0	12.03	12.03	12.03		
100	QPSK	1	271	11.89	11.89	11.89	13.2	0.0
100	QPSK	106	0	11.92	11.92	11.92		
100	QPSK	106	66	11.89	11.89	11.89	13.2	0.0
100	QPSK	216	0	11.92	11.92	11.92		
100	64QAM	1	0	11.61	11.61	11.61	13.2	0.0
100	64QAM	1	1	11.76	11.76	11.76	13.2	0.0
Channel				640000	650000	660000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3200	3250	3299.99		
50	QPSK	1	0	11.41	11.41	11.41	13.2	0.0
Channel				620000	630000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.01	3150	3199.99		
40	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620000	630000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.01	3150	3199.99		
30	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620016	630000	639984	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.08	3150	3199.92		
20	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620032	630000	639968	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.16	3150	3199.84		
15	QPSK	1	0	11.92	11.92	11.92	13.2	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				620016	630000	639984		
Frequency [MHz]				3100.08	3150	3199.92		
100	PI/2 BPSK	1	0	11.41	11.41	11.41	13.2	0.0
100	PI/2 BPSK	1	271	11.52	11.52	11.52		
100	PI/2 BPSK	106	0	11.52	11.52	11.52	13.2	0.0
100	PI/2 BPSK	106	66	11.48	11.48	11.48	13.2	0.0
100	PI/2 BPSK	216	0	11.48	11.48	11.48	13.2	0.0
100	QPSK	1	0	12.03	12.03	12.03		
100	QPSK	1	271	11.89	11.89	11.89	13.2	0.0
100	QPSK	106	0	11.92	11.92	11.92		
100	QPSK	106	66	11.89	11.89	11.89	13.2	0.0
100	QPSK	216	0	11.92	11.92	11.92		
100	64QAM	1	0	11.61	11.61	11.61	13.2	0.0
100	64QAM	1	1	11.76	11.76	11.76	13.2	0.0
Channel				640000	650000	660000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3200	3250	3299.99		
50	QPSK	1	0	11.41	11.41	11.41	13.2	0.0
Channel				620000	630000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.01	3150	3199.99		
40	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620000	630000	640000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.01	3150	3199.99		
30	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620016	630000	639984	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.08	3150	3199.92		
20	QPSK	1	0	11.78	11.78	11.78	13.2	0.0
Channel				620032	630000	639968	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3100.16	3150	3199.84		
15	QPSK	1	0	11.92	11.92	11.92	13.2	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	QPSK	1	1		12.02		13.2	0.0
100	QPSK	1	137		11.70			
100	QPSK	1	271		11.37			
100	QPSK	137	0		11.67		13.2	0.0
100	QPSK	137	68		11.68			
100	QPSK	137	138		11.39			
100	QPSK	273	0		11.81		13.2	0.0
100	16QAM	1	1		11.77		13.2	0.0
100	64QAM	1	1		11.51		13.2	0.0
100	256QAM	1	1		11.61		13.2	0.0
Channel				649668	650332	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	11.87	11.94	11.81	13.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	11.88	12.00	11.87	13.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	11.87	11.89	11.92	13.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	12.00	12.01	11.96	13.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	12.00	11.89	11.80	13.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	11.93	11.95	11.93	13.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	11.90	11.90	11.98	13.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	11.90	11.93	11.98	13.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.83	11.88	11.88	13.2	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	QPSK	1	1		12.00		13.2	0.0
100	QPSK	1	137		11.78			
100	QPSK	1	271		11.88			
100	QPSK	137	0		11.73		13.2	0.0
100	QPSK	137	68		11.95			
100	QPSK	137	138		11.85			
100	QPSK	273	0		11.68		13.2	0.0
100	16QAM	1	1		11.95		13.2	0.0
100	64QAM	1	1		11.70		13.2	0.0
100	256QAM	1	1		11.76		13.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	11.96	11.92	11.76	13.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	11.98	11.85	11.88	13.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	11.84	11.83	11.93	13.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	11.79	11.99	11.90	13.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	11.81	11.85	11.78	13.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	11.87	11.99	11.95	13.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	11.91	11.85	11.86	13.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	11.85	12.00	11.94	13.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	11.89	11.84	11.95	13.2	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					518000			
Frequency [MHz]					3700			
100	PI/2 BPSK	1	0		18.41		20.2	0.0
100	PI/2 BPSK	1	271		18.41			
100	PI/2 BPSK	136	0		18.54		20.2	0.0
100	PI/2 BPSK	136	68		18.29		20.2	0.0
100	PI/2 BPSK	273	0		18.41		20.2	0.0
100	PI/2 BPSK	273	1		18.41			
100	QPSK	1	0		18.42		20.2	0.0
100	QPSK	1	271		18.42			
100	QPSK	136	0		18.51		20.2	0.0
100	QPSK	136	68		18.27			
100	QPSK	273	0		18.42		20.2	0.0
100	QPSK	273	1		18.42			
100	64QAM	1	0		18.70		20.2	0.0
100	64QAM	1	1		18.70		20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3700.01	3700	3700.99	(dBm)	(dB)
60	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3700.01	3700	3700.99	(dBm)	(dB)
40	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3700.01	3700	3700.99	(dBm)	(dB)
20	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3700.01	3700	3700.99	(dBm)	(dB)
10	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3700.01	3700	3700.99	(dBm)	(dB)
5	QPSK	1	0	18.41	18.41	18.41	20.2	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					518000			
Frequency [MHz]					3700			
100	PI/2 BPSK	1	0		18.41		20.2	0.0
100	PI/2 BPSK	1	271		18.41			
100	PI/2 BPSK	136	0		18.54		20.2	0.0
100	PI/2 BPSK	136	68		18.29		20.2	0.0
100	PI/2 BPSK	273	0		18.41		20.2	0.0
100	PI/2 BPSK	273	1		18.41			
100	QPSK	1	0		18.42		20.2	0.0
100	QPSK	1	271		18.42			
100	QPSK	136	0		18.51		20.2	0.0
100	QPSK	136	68		18.27			
100	QPSK	273	0		18.42		20.2	0.0
100	QPSK	273	1		18.42			
100	64QAM	1	0		18.70		20.2	0.0
100	64QAM	1	1		18.70		20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3700.01	3700	3700.99	(dBm)	(dB)
60	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3700.01	3700	3700.99	(dBm)	(dB)
40	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3700.01	3700	3700.99	(dBm)	(dB)
20	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3700.01	3700	3700.99	(dBm)	(dB)
10	QPSK	1	0	18.41	18.41	18.41	20.2	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					518000			
Frequency [MHz]					3699.99			
100	PI/2 BPSK	1	0		18.41		20.2	0.0
100	PI/2 BPSK	1	271		18.41			
100	PI/2 BPSK	136	0		18.54		20.2	0.0
100	PI/2 BPSK	136	68		18.29		20.2	0.0
100	PI/2 BPSK	273	0		18.41		20.2	0.0
100	PI/2 BPSK	273	1		18.41			
100	QPSK	1	0		18.42		20.2	0.0
100	QPSK	1	271		18.42			
100	QPSK	136	0		18.51		20.2	0.0
100	QPSK	136	68		18.27			
100	QPSK	273	0		18.42		20.2	0.0
100	QPSK	273	1		18.42			
100	64QAM	1	0		18.70		20.2	0.0
100	64QAM	1	1		18.70		20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3699	3699.01	3699.99	(dBm)	(dB)
60	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3699	3699.01	3699.99	(dBm)	(dB)
40	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3699	3699.01	3699.99	(dBm)	(dB)
20	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3699	3699.01	3699.99	(dBm)	(dB)
10	QPSK	1	0	18.41	18.41	18.41	20.2	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					518000			
Frequency [MHz]					3699.99			
100	PI/2 BPSK	1	0		18.41		20.2	0.0
100	PI/2 BPSK	1	271		18.41			
100	PI/2 BPSK	136	0		18.54		20.2	0.0
100	PI/2 BPSK	136	68		18.29		20.2	0.0
100	PI/2 BPSK	273	0		18.41		20.2	0.0
100	PI/2 BPSK	273	1		18.41			
100	QPSK	1	0		18.42		20.2	0.0
100	QPSK	1	271		18.42			
100	QPSK	136	0		18.51		20.2	0.0
100	QPSK	136	68		18.27			
100	QPSK	273	0		18.42		20.2	0.0
100	QPSK	273	1		18.42			
100	64QAM	1	0		18.70		20.2	0.0
100	64QAM	1	1		18.70		20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3699	3699.01	3699.99	(dBm)	(dB)
60	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3699	3699.01	3699.99	(dBm)	(dB)
40	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3699	3699.01	3699.99	(dBm)	(dB)
20	QPSK	1	0	18.41	18.41	18.41	20.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3699	3699.01	3699.99	(dBm)	(dB)
10	QPSK	1	0	18.41	18.41	18.41	20.2	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	QPSK	1	1		18.93		20.2	0.0
100	QPSK	1	137		18.90			
100	QPSK	1	271		18.88			
100	QPSK	137	0		18.75		20.2	0.0
100	QPSK	137	68		18.77			
100	QPSK	137	138		18.72			
100	QPSK	273	0		18.69		20.2	0.0
100	16QAM	1	1		18.66		20.2	0.0
100	64QAM	1	1		18.64		20.2	0.0
100	256QAM	1	1		17.20		18.2	2.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.73	18.75	18.72	20.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.77	18.81	18.90	20.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	18.83	18.82	18.75	20.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.89	18.92	18.87	20.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.76	18.81	18.71	20.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.73	18.81	18.79	20.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.77	18.90	18.86	20.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.89	18.90	18.87	20.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.77	18.73	18.86	20.2	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	QPSK	1	1		18.94		20.2	0.0
100	QPSK	1	137		18.88			
100	QPSK	1	271		18.75			
100	QPSK	137	0		18.77		20.2	0.0
100	QPSK	137	68		18.84			
100	QPSK	137	138		18.58			
100	QPSK	273	0		18.74		20.2	0.0
100	16QAM	1	1		18.80		20.2	0.0
100	64QAM	1	1		18.82		20.2	0.0
100	256QAM	1	1		17.21		18.2	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.81	18.89	18.92	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.78	18.71	18.92	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.78	18.83	18.90	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.86	18.85	18.87	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.90	18.73	18.80	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.94	18.84	18.84	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.76	18.88	18.88	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.77	18.75	18.73	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.78	18.77	18.91	20.2	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					636666			
Frequency [MHz]					3490.98			
100	PI/2 BPSK	1	0		10.42		12.7	0.0
100	PI/2 BPSK	1	271		10.42			
100	PI/2 BPSK	136	0		10.52		12.7	0.0
100	PI/2 BPSK	136	68		10.44		12.7	0.0
100	PI/2 BPSK	272	0		10.45		12.7	0.0
100	PI/2 BPSK	272	1		10.45			
100	QPSK	1	0		10.47		12.7	0.0
100	QPSK	1	271		10.47			
100	QPSK	136	0		10.50			
100	QPSK	136	68		10.47		12.7	0.0
100	QPSK	272	0		10.47			
100	QPSK	272	1		10.47			
100	64QAM	1	0		10.47		12.7	0.0
100	64QAM	1	1		10.47		12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
60	QPSK	1	0	10.47	10.47	10.47	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
40	QPSK	1	0	10.47	10.47	10.47	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
20	QPSK	1	0	10.42	10.42	10.42	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
10	QPSK	1	0	10.47	10.47	10.47	12.7	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					636666			
Frequency [MHz]					3490.98			
100	PI/2 BPSK	1	0		10.42		12.7	0.0
100	PI/2 BPSK	1	271		10.42			
100	PI/2 BPSK	136	0		10.52		12.7	0.0
100	PI/2 BPSK	136	68		10.44		12.7	0.0
100	PI/2 BPSK	272	0		10.45		12.7	0.0
100	PI/2 BPSK	272	1		10.45			
100	QPSK	1	0		10.47		12.7	0.0
100	QPSK	1	271		10.47			
100	QPSK	136	0		10.50			
100	QPSK	136	68		10.47		12.7	0.0
100	QPSK	272	0		10.47			
100	QPSK	272	1		10.47			
100	64QAM	1	0		10.47		12.7	0.0
100	64QAM	1	1		10.47		12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
60	QPSK	1	0	10.47	10.47	10.47	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
40	QPSK	1	0	10.47	10.47	10.47	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
20	QPSK	1	0	10.42	10.42	10.42	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
10	QPSK	1	0	10.47	10.47	10.47	12.7	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					636666			
Frequency [MHz]					3490.98			
100	PI/2 BPSK	1	0		11.42		12.7	0.0
100	PI/2 BPSK	1	271		11.42			
100	PI/2 BPSK	136	0		11.52		12.7	0.0
100	PI/2 BPSK	136	68		11.44		12.7	0.0
100	PI/2 BPSK	272	0		11.45		12.7	0.0
100	PI/2 BPSK	272	1		11.45			
100	QPSK	1	0		11.47		12.7	0.0
100	QPSK	1	271		11.47			
100	QPSK	136	0		11.50			
100	QPSK	136	68		11.47		12.7	0.0
100	QPSK	272	0		11.47			
100	QPSK	272	1		11.47			
100	64QAM	1	0		11.47		12.7	0.0
100	64QAM	1	1		11.47		12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
60	QPSK	1	0	11.47	11.47	11.47	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
40	QPSK	1	0	11.47	11.47	11.47	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
20	QPSK	1	0	11.42	11.42	11.42	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
10	QPSK	1	0	11.47	11.47	11.47	12.7	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					636666			
Frequency [MHz]					3490.98			
100	PI/2 BPSK	1	0		11.42		12.7	0.0
100	PI/2 BPSK	1	271		11.42			
100	PI/2 BPSK	136	0		11.52		12.7	0.0
100	PI/2 BPSK	136	68		11.44		12.7	0.0
100	PI/2 BPSK	272	0		11.45		12.7	0.0
100	PI/2 BPSK	272	1		11.45			
100	QPSK	1	0		11.47		12.7	0.0
100	QPSK	1	271		11.47			
100	QPSK	136	0		11.50			
100	QPSK	136	68		11.47		12.7	0.0
100	QPSK	272	0		11.47			
100	QPSK	272	1		11.47			
100	64QAM	1	0		11.47		12.7	0.0
100	64QAM	1	1		11.47		12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
60	QPSK	1	0	11.47	11.47	11.47	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
40	QPSK	1	0	11.47	11.47	11.47	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
20	QPSK	1	0	11.42	11.42	11.42	12.7	0.0
Channel				636000	636666	637332	Tune-up limit	MPR
Frequency [MHz]				3490.08	3490.98	3491.88	(dBm)	(dB)
10	QPSK	1	0	11.47	11.47	11.47	12.7	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	QPSK	1	1		11.01		12.7	0.0
100	QPSK	1	137		10.77			
100	QPSK	1	271		10.93			
100	QPSK	137	0		10.83		12.7	0.0
100	QPSK	137	68		10.99			
100	QPSK	137	138		10.81			
100	QPSK	273	0		10.90		12.7	0.0
100	16QAM	1	1		10.77		12.7	0.0
100	64QAM	1	1		10.86		12.7	0.0
100	256QAM	1	1		10.88		12.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	10.93	10.90	10.96	12.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	10.93	10.93	10.95	12.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	10.95	10.83	10.96	12.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	10.98	10.94	10.95	12.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	10.97	10.90	10.97	12.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	10.92	11.00	10.80	12.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	(dBm)	(dB)
30	QPSK	1	1	10.91	10.89	10.81	12.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	10.80	10.99	10.93	12.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	10.90	10.93	10.84	12.7	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	QPSK	1	1		11.26		12.7	0.0
100	QPSK	1	137		11.10			
100	QPSK	1	271		11.02			
100	QPSK	137	0		11.02		12.7	0.0
100	QPSK	137	68		11.13			
100	QPSK	137	138		11.07			
100	QPSK	273	0		11.00		12.7	0.0
100	16QAM	1	1		11.09		12.7	0.0
100	64QAM	1	1		11.03		12.7	0.0
100	256QAM	1	1		10.94		12.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	11.19	11.18	11.11	12.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	11.22	11.21	11.14	12.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	11.19	11.15	11.16	12.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	11.07	11.25	11.20	12.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	11.05	11.21	11.04	12.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	11.15	11.14	11.11	12.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	11.20	11.19	11.20	12.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	11.09	11.11	11.05	12.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	11.10	11.16	11.04	12.7	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					518000			
Frequency [MHz]					3730			
100	PI/2 BPSK	1	0		18.41		19.2	0.0
100	PI/2 BPSK	1	271		18.22			
100	PI/2 BPSK	136	0		18.47		19.2	0.0
100	PI/2 BPSK	136	68		18.44		19.2	0.0
100	PI/2 BPSK	272	0		18.45		19.2	0.0
100	PI/2 BPSK	272	1		18.45			
100	QPSK	1	0		18.59		19.2	0.0
100	QPSK	1	271		18.61			
100	QPSK	136	0		18.61		19.2	0.0
100	QPSK	136	68		18.62			
100	QPSK	272	0		18.61		19.2	0.0
100	QPSK	272	1		18.61			
100	64QAM	1	0		18.59		19.2	0.0
100	64QAM	1	1		18.59		19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730.08	3730	3729.98	(dBm)	(dB)
60	QPSK	1	0	18.75	18.75	18.75	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3729.5	3730	3729.5	(dBm)	(dB)
40	QPSK	1	0	18.75	18.77	18.77	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3729.02	3730	3729.02	(dBm)	(dB)
20	QPSK	1	0	18.42	18.47	18.47	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730	3730	3730	(dBm)	(dB)
10	QPSK	1	0	18.42	18.48	18.47	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730.02	3730	3729.98	(dBm)	(dB)
5	QPSK	1	0	18.42	18.48	18.47	19.2	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					518000			
Frequency [MHz]					3730			
100	PI/2 BPSK	1	0		18.41		19.2	0.0
100	PI/2 BPSK	1	271		18.22			
100	PI/2 BPSK	136	0		18.47		19.2	0.0
100	PI/2 BPSK	136	68		18.44		19.2	0.0
100	PI/2 BPSK	272	0		18.45		19.2	0.0
100	PI/2 BPSK	272	1		18.45			
100	QPSK	1	0		18.59		19.2	0.0
100	QPSK	1	271		18.61			
100	QPSK	136	0		18.61		19.2	0.0
100	QPSK	136	68		18.62			
100	QPSK	272	0		18.61		19.2	0.0
100	QPSK	272	1		18.61			
100	64QAM	1	0		18.59		19.2	0.0
100	64QAM	1	1		18.59		19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730.08	3730	3729.98	(dBm)	(dB)
60	QPSK	1	0	18.75	18.75	18.75	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3729.5	3730	3729.5	(dBm)	(dB)
40	QPSK	1	0	18.75	18.77	18.77	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3729.02	3730	3729.02	(dBm)	(dB)
20	QPSK	1	0	18.42	18.47	18.47	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730	3730	3730	(dBm)	(dB)
10	QPSK	1	0	18.42	18.48	18.47	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730.02	3730	3729.98	(dBm)	(dB)
5	QPSK	1	0	18.42	18.48	18.47	19.2	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					518000			
Frequency [MHz]					3730.08			
100	PI/2 BPSK	1	0		18.41		19.2	0.0
100	PI/2 BPSK	1	271		18.22			
100	PI/2 BPSK	136	0		18.47		19.2	0.0
100	PI/2 BPSK	136	68		18.44		19.2	0.0
100	PI/2 BPSK	272	0		18.45		19.2	0.0
100	PI/2 BPSK	272	1		18.45			
100	QPSK	1	0		18.59		19.2	0.0
100	QPSK	1	271		18.61			
100	QPSK	136	0		18.61		19.2	0.0
100	QPSK	136	68		18.62			
100	QPSK	272	0		18.61		19.2	0.0
100	QPSK	272	1		18.61			
100	64QAM	1	0		18.59		19.2	0.0
100	64QAM	1	1		18.87		19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730.08	3730	3729.98	(dBm)	(dB)
60	QPSK	1	0	18.75	18.75	18.75	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3729.5	3730	3729.5	(dBm)	(dB)
40	QPSK	1	0	18.75	18.77	18.77	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3729.02	3730	3729.02	(dBm)	(dB)
20	QPSK	1	0	18.42	18.47	18.47	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730	3730	3730	(dBm)	(dB)
10	QPSK	1	0	18.42	18.48	18.47	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730.02	3730	3729.98	(dBm)	(dB)
5	QPSK	1	0	18.42	18.48	18.47	19.2	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					518000			
Frequency [MHz]					3730			
100	PI/2 BPSK	1	0		18.41		19.2	0.0
100	PI/2 BPSK	1	271		18.22			
100	PI/2 BPSK	136	0		18.47		19.2	0.0
100	PI/2 BPSK	136	68		18.44		19.2	0.0
100	PI/2 BPSK	272	0		18.45		19.2	0.0
100	PI/2 BPSK	272	1		18.45			
100	QPSK	1	0		18.59		19.2	0.0
100	QPSK	1	271		18.61			
100	QPSK	136	0		18.61		19.2	0.0
100	QPSK	136	68		18.62			
100	QPSK	272	0		18.61		19.2	0.0
100	QPSK	272	1		18.61			
100	64QAM	1	0		18.59		19.2	0.0
100	64QAM	1	1		18.59		19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730.08	3730	3729.98	(dBm)	(dB)
60	QPSK	1	0	18.75	18.75	18.75	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3729.5	3730	3729.5	(dBm)	(dB)
40	QPSK	1	0	18.75	18.77	18.77	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3729.02	3730	3729.02	(dBm)	(dB)
20	QPSK	1	0	18.42	18.47	18.47	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730	3730	3730	(dBm)	(dB)
10	QPSK	1	0	18.42	18.48	18.47	19.2	0.0
Channel				518000	518000	518000	Tune-up limit	MPR
Frequency [MHz]				3730.02	3730	3729.98	(dBm)	(dB)
5	QPSK	1	0	18.42	18.48	18.47	19.2	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	QPSK	1	1		16.58		18.2	0.0
100	QPSK	1	137		16.48			
100	QPSK	1	271		16.35			
100	QPSK	137	0		16.45		18.2	0.0
100	QPSK	137	68		16.50			
100	QPSK	137	138		16.33			
100	QPSK	273	0		16.30		18.2	0.0
100	16QAM	1	1		16.47		18.2	0.0
100	64QAM	1	1		16.44		18.2	0.0
100	256QAM	1	1		16.28		18.2	0.0
Channel				649668	650332	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.33	16.53	16.35	18.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.33	16.37	16.39	18.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.38	16.37	16.39	18.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	16.35	16.39	16.49	18.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	16.51	16.44	16.51	18.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.47	16.44	16.36	18.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	16.51	16.49	16.47	18.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	16.43	16.55	16.35	18.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.43	16.45	16.45	18.2	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	QPSK	1	1		16.68		18.2	0.0
100	QPSK	1	137		16.60			
100	QPSK	1	271		16.83			
100	QPSK	137	0		16.65		18.2	0.0
100	QPSK	137	68		16.85			
100	QPSK	137	138		16.74			
100	QPSK	273	0		16.65		18.2	0.0
100	16QAM	1	1		16.63		18.2	0.0
100	64QAM	1	1		16.84		18.2	0.0
100	256QAM	1	1		16.65		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.75	16.79	16.72	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.65	16.74	16.79	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.76	16.70	16.82	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.75	16.83	16.82	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.65	16.72	16.84	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.80	16.68	16.70	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.78	16.70	16.77	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.74	16.78	16.68	18.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	16.73	16.80	16.86	18.2	0.0

Reduced Power Mode for DSI 17

GSM850_Ant 0		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		30.48	30.51	30.51	31.00	21.48	21.51	21.51	22.00
GPRS/EDGE(GMSK) 1 Tx slot		30.52	30.50	30.46	31.00	21.52	21.50	21.46	22.00
GPRS/EDGE(GMSK) 2 Tx slots		27.83	27.90	27.80	28.50	21.83	21.90	21.80	22.50
GPRS/EDGE(GMSK) 3 Tx slots		25.53	25.58	25.57	26.50	21.27	21.32	21.31	22.24
GPRS/EDGE(GMSK) 4 Tx slots		24.10	24.11	24.04	25.40	21.10	21.11	21.04	22.40
EDGE 1 Tx slot		26.23	26.08	26.25	27.50	17.23	17.08	17.25	18.50
EDGE 2 Tx slots		23.36	23.29	23.31	24.50	17.36	17.29	17.31	18.50
EDGE 3 Tx slots		21.38	21.41	21.33	22.70	17.12	17.15	17.07	18.44
EDGE 4 Tx slots		20.33	20.35	20.36	21.90	17.33	17.35	17.36	18.90
DTM Multi-slot class 5	GSM 1 Tx slot	27.74	27.91	27.70	28.50	21.75	21.81	21.68	22.48
	GPRS 1 Tx slot	27.80	27.74	27.71	28.50				
DTM Multi-slot class 9	GSM 1 Tx slot	27.78	27.91	27.65	28.50	21.77	21.84	21.64	22.48
	GPRS 1 Tx slot	27.81	27.82	27.67	28.50				
DTM Multi-slot class 11	GSM 1 Tx slot	25.49	25.64	25.51	26.50	21.22	21.31	21.30	22.24
	GPRS 2 Tx slots	25.47	25.53	25.59	26.50				
DTM Multi-slot class 5	GSM 1 Tx slot	27.87	27.90	27.88	28.50	20.06	20.09	20.08	20.92
	EDGE 1 Tx slot	22.99	23.01	23.05	24.50				
DTM Multi-slot class 9	GSM 1 Tx slot	27.85	27.98	27.81	28.50	20.07	20.14	20.02	20.92
	EDGE 1 Tx slot	23.10	22.99	23.02	24.50				
DTM Multi-slot class 11	GSM 1 Tx slot	25.58	25.58	25.53	26.50	18.91	18.87	18.81	20.10
	EDGE 2 Tx slots	21.16	21.07	20.98	22.70				

GSM850_Ant 1		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		33.30	33.33	33.29	34.00	24.30	24.33	24.29	25.00
GPRS/EDGE(GMSK) 1 Tx slot		33.24	33.22	33.20	34.00	24.24	24.22	24.20	25.00
GPRS/EDGE(GMSK) 2 Tx slots		29.80	29.85	29.77	31.00	23.80	23.85	23.77	25.00
GPRS/EDGE(GMSK) 3 Tx slots		27.86	28.00	27.90	29.20	23.60	23.74	23.64	24.94
GPRS/EDGE(GMSK) 4 Tx slots		26.89	27.00	26.92	28.50	23.89	24.00	23.92	25.50
EDGE 1 Tx slot		26.71	26.59	26.57	28.00	17.71	17.59	17.57	19.00
EDGE 2 Tx slots		23.72	23.51	23.79	25.00	17.72	17.51	17.79	19.00
EDGE 3 Tx slots		21.83	21.70	21.77	23.20	17.57	17.44	17.51	18.94
EDGE 4 Tx slots		20.91	20.80	20.74	22.50	17.91	17.80	17.74	19.50
DTM Multi-slot class 5	GSM 1 Tx slot	29.70	29.74	29.72	31.00	23.64	23.72	23.66	24.98
	GPRS 1 Tx slot	29.63	29.75	29.64	31.00				
DTM Multi-slot class 9	GSM 1 Tx slot	29.82	29.82	29.62	31.00	23.76	23.76	23.68	24.98
	GPRS 1 Tx slot	29.74	29.75	29.77	31.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.95	28.04	27.97	29.20	23.70	23.81	23.68	24.94
	GPRS 2 Tx slots	27.96	28.09	27.92	29.20				
DTM Multi-slot class 5	GSM 1 Tx slot	29.89	29.87	29.79	31.00	21.73	21.68	21.69	22.94
	EDGE 1 Tx slot	23.36	23.16	23.55	25.00				
DTM Multi-slot class 9	GSM 1 Tx slot	29.83	29.79	29.74	31.00	21.68	21.63	21.64	22.94
	EDGE 1 Tx slot	23.35	23.25	23.53	25.00				
DTM Multi-slot class 11	GSM 1 Tx slot	27.87	28.05	28.00	29.20	20.52	20.58	20.57	21.94
	EDGE 2 Tx slots	21.60	21.40	21.49	23.20				

GSM1900_Ant 4		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		28.60	28.63	28.59	29.00	19.60	19.63	19.59	20.00
GPRS/EDGE(GMSK) 1 Tx slot		28.54	28.61	28.54	29.00	19.54	19.61	19.54	20.00
GPRS/EDGE(GMSK) 2 Tx slots		25.76	25.80	25.77	26.00	19.76	19.80	19.77	20.00
GPRS/EDGE(GMSK) 3 Tx slots		23.68	23.66	23.59	24.70	19.42	19.40	19.33	20.44
GPRS/EDGE(GMSK) 4 Tx slots		22.30	22.31	22.23	23.50	19.30	19.31	19.23	20.50
EDGE 1 Tx slot		25.00	24.96	24.91	26.00	16.00	15.96	15.91	17.00
EDGE 2 Tx slots		21.82	21.50	21.71	23.00	15.82	15.50	15.71	17.00
EDGE 3 Tx slots		19.71	19.61	19.73	21.20	15.45	15.35	15.47	16.94
EDGE 4 Tx slots		18.88	18.75	18.77	20.30	15.88	15.75	15.77	17.30
DTM Multi-slot class 5	GSM 1 Tx slot	25.73	25.73	25.68	26.00	19.66	19.71	19.67	19.98
	GPRS 1 Tx slot	25.63	25.74	25.71	26.00				
DTM Multi-slot class 9	GSM 1 Tx slot	25.59	25.78	25.65	26.00	19.57	19.73	19.67	19.98
	GPRS 1 Tx slot	25.60	25.72	25.74	26.00				
DTM Multi-slot class 11	GSM 1 Tx slot	23.64	23.59	23.69	24.70	19.47	19.42	19.36	20.44
	GPRS 2 Tx slots	23.78	23.72	23.59	24.70				
DTM Multi-slot class 5	GSM 1 Tx slot	25.80	25.78	25.72	26.00	18.17	18.04	18.04	18.73
	EDGE 1 Tx slot	21.60	21.17	21.33	23.00				
DTM Multi-slot class 9	GSM 1 Tx slot	25.76	25.81	25.76	26.00	18.10	18.08	18.11	18.73
	EDGE 1 Tx slot	21.45	21.26	21.48	23.00				
DTM Multi-slot class 11	GSM 1 Tx slot	23.73	23.61	23.66	24.70	17.11	17.00	17.04	18.44
	EDGE 2 Tx slots	19.43	19.33	19.36	21.20				

GSM1900_Ant 5		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		29.04	29.10	29.10	30.00	20.04	20.10	20.10	21.00
GPRS/EDGE(GMSK) 1 Tx slot		28.94	29.09	29.08	30.00	19.94	20.09	20.08	21.00
GPRS/EDGE(GMSK) 2 Tx slots		25.83	25.88	25.84	27.00	19.83	19.88	19.84	21.00
GPRS/EDGE(GMSK) 3 Tx slots		23.71	23.81	23.80	25.20	19.45	19.55	19.54	20.94
GPRS/EDGE(GMSK) 4 Tx slots		22.91	23.00	22.86	24.00	19.91	20.00	19.86	21.00
EDGE 1 Tx slot		26.04	26.22	26.12	27.00	17.04	17.22	17.12	18.00
EDGE 2 Tx slots		22.80	22.81	22.79	24.00	16.80	16.81	16.79	18.00
EDGE 3 Tx slots		20.83	20.81	20.74	22.20	16.57	16.55	16.48	17.94
EDGE 4 Tx slots		19.89	20.02	20.12	21.50	16.89	17.02	17.12	18.50
DTM Multi-slot class 5	GSM 1 Tx slot	25.71	25.72	25.71	27.00	19.65	19.66	19.65	20.98
	GPRS 1 Tx slot	25.64	25.64	25.63	27.00				
DTM Multi-slot class 9	GSM 1 Tx slot	25.70	25.78	25.70	27.00	19.70	19.75	19.71	20.98
	GPRS 1 Tx slot	25.75	25.76	25.77	27.00				
DTM Multi-slot class 11	GSM 1 Tx slot	23.65	23.80	23.74	25.20	19.46	19.55	19.57	20.94
	GPRS 2 Tx slots	23.75	23.82	23.87	25.20				
DTM Multi-slot class 5	GSM 1 Tx slot	25.84	25.93	25.84	27.00	18.48	18.51	18.47	19.73
	EDGE 1 Tx slot	22.56	22.45	22.53	24.00				
DTM Multi-slot class 9	GSM 1 Tx slot	25.80	25.98	25.94	27.00	18.43	18.57	18.55	19.73
	EDGE 1 Tx slot	22.49	22.55	22.55	24.00				
DTM Multi-slot class 11	GSM 1 Tx slot	23.71	23.88	23.84	25.20	17.61	17.65	17.63	19.18
	EDGE 2 Tx slots	20.53	20.45	20.44	22.20				

Band		WCDMA II_Ant 4			Tune-up Limit (dBm)	WCDMA IV_Ant 4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.77	20.91	20.74	22.00	21.53	21.54	21.46	22.50
3GPP Rel 99	RMC 12.2Kbps	20.82	20.94	20.80	22.00	21.56	21.57	21.47	22.50
3GPP Rel 6	HSDPA Subtest-1	20.49	20.21	20.20	21.00	20.55	20.64	20.77	21.50
3GPP Rel 6	HSDPA Subtest-2	20.31	20.32	20.21	21.00	20.73	20.82	20.95	21.50
3GPP Rel 6	HSDPA Subtest-3	19.84	19.85	19.71	20.50	20.10	20.22	20.30	21.00
3GPP Rel 6	HSDPA Subtest-4	19.99	19.76	19.73	20.50	20.22	20.18	20.39	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.39	20.23	20.21	21.00	20.59	20.73	20.81	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.33	20.19	20.19	21.00	20.56	20.64	20.89	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.71	19.72	19.74	20.50	20.07	20.07	20.26	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.92	19.64	19.74	20.50	20.10	20.22	20.37	21.00
3GPP Rel 6	HSUPA Subtest-1	20.51	20.35	20.31	21.00	20.81	20.80	20.85	21.50
3GPP Rel 6	HSUPA Subtest-2	18.48	18.41	18.22	19.00	18.74	18.72	18.87	19.50
3GPP Rel 6	HSUPA Subtest-3	18.43	18.33	18.31	19.00	18.71	18.73	18.95	19.50
3GPP Rel 6	HSUPA Subtest-4	18.49	18.29	18.37	19.00	18.71	18.73	18.96	19.50
3GPP Rel 6	HSUPA Subtest-5	20.52	20.39	20.28	21.00	20.80	20.92	20.96	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.26	18.37	18.38	19.00	18.88	18.91	19.02	19.50

Band		WCDMA II_Ant 5			Tune-up Limit (dBm)	WCDMA IV_Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.27	19.30	19.25	20.30	20.25	20.33	20.25	21.30
3GPP Rel 99	RMC 12.2Kbps	19.31	19.33	19.29	20.30	20.31	20.36	20.29	21.30
3GPP Rel 6	HSDPA Subtest-1	18.79	18.61	18.70	19.30	19.53	19.67	19.83	20.30
3GPP Rel 6	HSDPA Subtest-2	18.88	18.69	18.62	19.30	19.59	19.70	19.81	20.30
3GPP Rel 6	HSDPA Subtest-3	18.27	18.19	18.25	18.80	19.35	19.29	19.23	19.80
3GPP Rel 6	HSDPA Subtest-4	18.18	18.10	18.24	18.80	19.21	19.40	19.69	19.80
3GPP Rel 8	DC-HSDPA Subtest-1	18.82	18.70	18.60	19.30	19.53	19.64	19.64	20.30
3GPP Rel 8	DC-HSDPA Subtest-2	18.76	18.65	18.66	19.30	19.53	19.63	19.76	20.30
3GPP Rel 8	DC-HSDPA Subtest-3	18.25	18.17	18.19	18.80	19.23	19.29	19.61	19.80
3GPP Rel 8	DC-HSDPA Subtest-4	18.23	18.15	18.14	18.80	19.30	19.32	19.69	19.80
3GPP Rel 6	HSUPA Subtest-1	18.85	18.89	18.76	19.30	19.57	19.54	19.49	20.30
3GPP Rel 6	HSUPA Subtest-2	16.73	16.68	16.73	17.30	17.67	17.52	17.49	18.30
3GPP Rel 6	HSUPA Subtest-3	16.93	16.81	16.82	17.30	17.52	17.51	17.43	18.30
3GPP Rel 6	HSUPA Subtest-4	16.82	16.68	16.62	17.30	17.57	17.38	17.44	18.30
3GPP Rel 6	HSUPA Subtest-5	18.91	18.88	18.81	19.30	19.72	19.75	19.76	20.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.58	16.55	16.48	17.30	17.64	17.76	17.74	18.30

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.70	21.81	21.63	22.80
3GPP Rel 99	RMC 12.2Kbps	21.88	21.95	21.85	22.80
3GPP Rel 6	HSDPA Subtest-1	21.51	21.46	21.39	21.80
3GPP Rel 6	HSDPA Subtest-2	21.40	21.44	21.36	21.80
3GPP Rel 6	HSDPA Subtest-3	20.92	20.87	20.97	21.30
3GPP Rel 6	HSDPA Subtest-4	21.02	20.83	20.91	21.30
3GPP Rel 8	DC-HSDPA Subtest-1	21.47	21.33	21.45	21.80
3GPP Rel 8	DC-HSDPA Subtest-2	21.43	21.34	21.30	21.80
3GPP Rel 8	DC-HSDPA Subtest-3	20.95	20.84	20.93	21.30
3GPP Rel 8	DC-HSDPA Subtest-4	20.91	20.80	20.76	21.30
3GPP Rel 6	HSUPA Subtest-1	21.27	21.46	21.47	21.80
3GPP Rel 6	HSUPA Subtest-2	19.55	19.58	19.36	19.80
3GPP Rel 6	HSUPA Subtest-3	20.56	20.45	20.29	20.80
3GPP Rel 6	HSUPA Subtest-4	19.26	19.33	19.25	19.80
3GPP Rel 6	HSUPA Subtest-5	21.09	21.46	21.25	21.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.58	19.58	19.56	19.80

Band		WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.02	24.00	23.99	24.80
3GPP Rel 99	RMC 12.2Kbps	24.03	24.10	24.06	24.80
3GPP Rel 6	HSDPA Subtest-1	23.26	23.19	23.11	23.80
3GPP Rel 6	HSDPA Subtest-2	23.28	23.15	23.14	23.80
3GPP Rel 6	HSDPA Subtest-3	22.78	22.70	22.61	23.30
3GPP Rel 6	HSDPA Subtest-4	22.76	22.71	22.59	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	23.25	23.20	23.10	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	23.15	23.07	23.13	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.75	22.77	22.69	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.63	22.60	22.53	23.30
3GPP Rel 6	HSUPA Subtest-1	23.21	23.20	23.15	23.80
3GPP Rel 6	HSUPA Subtest-2	21.21	21.18	21.09	21.80
3GPP Rel 6	HSUPA Subtest-3	22.20	22.23	22.12	22.80
3GPP Rel 6	HSUPA Subtest-4	21.22	21.19	21.11	21.80
3GPP Rel 6	HSUPA Subtest-5	23.30	23.20	23.10	23.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.52	21.50	21.55	21.80

Band 2_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				18700	18900	19100		
Frequency [MHz]				1860.0	1880.0	1900.0		
20	QPSK	1	0	19.97	20.47	20.47	20.9	0
20	QPSK	1	49	19.95	20.41	19.95		
20	QPSK	50	0	18.95	19.47	19.47	20.0	0
20	QPSK	50	24	18.95	19.47	19.47		
20	QPSK	50	50	18.95	19.47	19.47		
20	16QAM	1	0	18.97	19.47	19.47	20.0	0
20	16QAM	1	49	18.95	19.41	19.95		
20	16QAM	50	0	17.95	18.47	18.47	19.0	0
20	16QAM	50	24	17.95	18.47	18.47		
20	16QAM	50	50	17.95	18.47	18.47		
20	64QAM	1	0	16.97	17.47	17.47	18.0	0
20	64QAM	1	49	16.95	17.41	16.95		
20	64QAM	50	0	15.95	16.47	16.47	17.0	0.1
20	64QAM	50	24	15.95	16.47	16.47		
20	64QAM	50	50	15.95	16.47	16.47		
20	256QAM	1	0	17.97	18.47	18.47	19.0	2.1
20	256QAM	1	49	17.95	18.41	17.95		
20	256QAM	50	0	16.95	17.47	17.47	18.0	2.1
20	256QAM	50	24	16.95	17.47	17.47		
20	256QAM	50	50	16.95	17.47	17.47		
Channel				18675	18875	19075		
Frequency [MHz]				1857.5	1877.5	1897.5		
15	QPSK	1	0	19.96	20.47	19.96	20.9	0
15	QPSK	1	37	19.95	20.41	19.95		
15	QPSK	36	0	18.95	19.47	18.95	20.0	0
15	QPSK	36	19	18.95	19.41	18.95		
15	QPSK	36	39	18.95	19.47	18.95		
15	16QAM	1	0	18.96	19.47	18.96	20.0	0
15	16QAM	1	37	18.95	19.41	18.95		
15	16QAM	36	0	17.95	18.47	17.95	19.0	0
15	16QAM	36	19	17.95	18.41	17.95		
15	16QAM	36	39	17.95	18.47	17.95		
15	64QAM	1	0	17.96	18.47	17.96	18.0	0
15	64QAM	1	37	17.95	18.41	17.95		
15	64QAM	36	0	16.95	17.47	16.95	17.0	0.1
15	64QAM	36	19	16.95	17.41	16.95		
15	64QAM	36	39	16.95	17.47	16.95		
15	256QAM	1	0	18.96	19.47	18.96	19.0	2.1
15	256QAM	1	37	18.95	19.41	18.95		
15	256QAM	36	0	17.95	18.47	17.95	18.0	2.1
15	256QAM	36	19	17.95	18.41	17.95		
15	256QAM	36	39	17.95	18.47	17.95		
Channel				18650	18850	19050		
Frequency [MHz]				1855.0	1875.0	1895.0		
10	QPSK	1	0	19.96	20.47	19.96	20.9	0
10	QPSK	1	24	19.95	20.41	19.95		
10	QPSK	25	0	18.95	19.47	18.95	20.0	0
10	QPSK	25	13	18.95	19.41	18.95		
10	QPSK	25	25	18.95	19.47	18.95		
10	16QAM	1	0	18.96	19.47	18.96	20.0	0
10	16QAM	1	24	18.95	19.41	18.95		
10	16QAM	25	0	17.95	18.47	17.95	19.0	0
10	16QAM	25	13	17.95	18.41	17.95		
10	16QAM	25	25	17.95	18.47	17.95		
10	64QAM	1	0	17.96	18.47	17.96	18.0	0
10	64QAM	1	24	17.95	18.41	17.95		
10	64QAM	25	0	16.95	17.47	16.95	17.0	0.1
10	64QAM	25	13	16.95	17.41	16.95		
10	64QAM	25	25	16.95	17.47	16.95		
10	256QAM	1	0	18.96	19.47	18.96	19.0	2.1
10	256QAM	1	24	18.95	19.41	18.95		
10	256QAM	25	0	17.95	18.47	17.95	18.0	2.1
10	256QAM	25	13	17.95	18.41	17.95		
10	256QAM	25	25	17.95	18.47	17.95		
Channel				18625	18825	19025		
Frequency [MHz]				1852.5	1872.5	1892.5		
5	QPSK	1	0	19.97	20.47	19.97	20.9	0
5	QPSK	1	12	19.95	20.41	19.95		
5	QPSK	12	0	18.95	19.47	18.95	20.0	0
5	QPSK	12	7	18.95	19.41	18.95		
5	QPSK	12	13	18.95	19.47	18.95		
5	16QAM	1	0	18.97	19.47	18.97	20.0	0
5	16QAM	1	12	18.95	19.41	18.95		
5	16QAM	12	0	17.95	18.47	17.95	19.0	0
5	16QAM	12	7	17.95	18.41	17.95		
5	16QAM	12	13	17.95	18.47	17.95		
5	64QAM	1	0	17.97	18.47	17.97	18.0	0
5	64QAM	1	12	17.95	18.41	17.95		
5	64QAM	12	0	16.95	17.47	16.95	17.0	0.1
5	64QAM	12	7	16.95	17.41	16.95		
5	64QAM	12	13	16.95	17.47	16.95		
5	256QAM	1	0	18.97	19.47	18.97	19.0	2.1
5	256QAM	1	12	18.95	19.41	18.95		
5	256QAM	12	0	17.95	18.47	17.95	18.0	2.1
5	256QAM	12	7	17.95	18.41	17.95		
5	256QAM	12	13	17.95	18.47	17.95		
Channel				18615	18815	19015		
Frequency [MHz]				1851.5	1871.5	1891.5		
3	QPSK	1	0	19.97	20.47	19.97	20.9	0
3	QPSK	1	8	19.95	20.41	19.95		
3	QPSK	8	0	18.95	19.47	18.95	20.0	0
3	QPSK	8	4	18.95	19.41	18.95		
3	QPSK	8	7	18.95	19.47	18.95		
3	16QAM	1	0	18.97	19.47	18.97	20.0	0
3	16QAM	1	8	18.95	19.41	18.95		
3	16QAM	8	0	17.95	18.47	17.95	19.0	0
3	16QAM	8	4	17.95	18.41	17.95		
3	16QAM	8	7	17.95	18.47	17.95		
3	64QAM	1	0	17.97	18.47	17.97	18.0	0
3	64QAM	1	8	17.95	18.41	17.95		
3	64QAM	8	0	16.95	17.47	16.95	17.0	0.1
3	64QAM	8	4	16.95	17.41	16.95		
3	64QAM	8	7	16.95	17.47	16.95		
3	256QAM	1	0	18.97	19.47	18.97	19.0	2.1
3	256QAM	1	8	18.95	19.41	18.95		
3	256QAM	8	0	17.95	18.47	17.95	18.0	2.1
3	256QAM	8	4	17.95	18.41	17.95		
3	256QAM	8	7	17.95	18.47	17.95		
Channel				18607	18807	19007		
Frequency [MHz]				1850.7	1870.7	1890.7		
1.4	QPSK	1	0	19.98	20.48	19.98	20.9	0
1.4	QPSK	1	5	19.95	20.19	19.95		
1.4	QPSK	5	0	18.95	19.48	18.95	20.0	0
1.4	QPSK	5	2	18.95	19.19	18.95		
1.4	QPSK	5	5	18.95	19.48	18.95		
1.4	16QAM	1	0	18.98	19.48	18.98	20.0	0
1.4	16QAM	1	5	18.95	19.19	18.95		
1.4	16QAM	5	0	17.95	18.48	17.95	19.0	0
1.4	16QAM	5	2	17.95	18.19	17.95		
1.4	16QAM	5	5	17.95	18.48	17.95		
1.4	64QAM	1	0	17.98	18.48	17.98	18.0	0
1.4	64QAM	1	5	17.95	18.19	17.95		
1.4	64QAM	5	0	16.95	17.48	16.95	17.0	0.1
1.4	64QAM	5	2	16.95	17.19	16.95		
1.4	64QAM	5	5	16.95	17.48	16.95		
1.4	256QAM	1	0	18.98	19.48	18.98	19.0	2.1
1.4	256QAM	1	5	18.95	19.19	18.95		
1.4	256QAM	5	0	17.95	18.48	17.95	18.0	2.1
1.4	256QAM	5	2	17.95	18.19	17.95		
1.4	256QAM	5	5	17.95	18.48	17.95		

Band 2_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				18700	18900	19100		
Frequency [MHz]				1860.0	1880.0	1900.0		
20	QPSK	1	0	19.97	20.47	19.97	20.9	0
20	QPSK	1	49	19.95	20.41	19.95		
20	QPSK	50	0	18.95	19.47	18.95	20.0	0
20	QPSK	50	24	18.95	19.47	18.95		
20	QPSK	50	50	18.95	19.47	18.95		
20	16QAM	1	0	18.97	19.47	18.97	20.0	0
20	16QAM	1	49	18.95	19.41	18.95		
20	16QAM	50	0	17.95	18.47	17.95	19.0	0
20	16QAM	50	24	17.95	18.47	17.95		
20	16QAM	50	50	17.95	18.47	17.95		
20	64QAM	1	0	16.97	17.47	16.97	18.0	0
20	64QAM	1	49	16.95	17.41	16.95		
20	64QAM	50	0	15.95	16.47	15.95	17.0	0.1
20	64QAM	50	24	15.95	16.47	15.95		
20	64QAM	50	50	15.95	16.47	15.95		
20	256QAM	1	0	17.97	18.47	17.97	19.0	1
20	256QAM	1	49	17.95	18.41	17.95		
20	256QAM	50	0	16.95	17.47	16.95	18.0	1
20	256QAM	50	24	16.95	17.47	16.95		
20	256QAM	50	50	16.95	17.47	16.95		
Channel				18675	18875	19075		
Frequency [MHz]				1857.5	1877.5	1897.5		
15	QPSK	1	0	19.96	20.47	19.96	20.9	0
15	QPSK	1	37	19.95	20.41	19.95		
15	QPSK	36	0	18.95	19.47	18.95	20.0	0
15	QPSK	36	19	18.95	19.41	18.95		
15	QPSK	36	39	18.95	19.47	18.95		
15	16QAM	1	0	18.96	19.47	18.96	20.0	0
15	16QAM	1	37	18.95	19.41	18.95		
15	16QAM	36	0	17.95	18.47	17.95	19.0	0
15	16QAM	36	19	17.95	18.41	17.95		
15	16QAM	36	39	17.95	18.47	17.95		
15	64QAM	1	0	17.96	18.47	17.96	18.0	0
15	64QAM	1	37	17.95	18.41	17.95		
15	64QAM	36	0	16.95	17.47	16.95	17.0	0.1
15	64QAM	36	19	16.95	17.41	16.95		
15	64QAM	36	39	16.95	17.47	16.95		
15	256QAM	1	0	18.96	19.47	18.96	19.0	1
15	256QAM	1	37	18.95	19.41	18.95		
15	256QAM	36	0	17.95	18.47	17.95	18.0	1
15	256QAM	36	19	17.95	18.41	17.95		
15	256QAM	36	39	17.95	18.47	17.95		
Channel				18650	18850	19050		
Frequency [MHz]				1855.0	1875.0	1895.0		
10	QPSK	1	0	19.96	20.47	19.96	20.9	0
10	QPSK	1	24	19.95	20.41	19.95		
10	QPSK	25	0	18.95	19.47	18.95	20.0	0
10	QPSK	25	13	18.95	19.41	18.95		
10	QPSK	25	25	18.95	19.47	18.95		
10	16QAM	1	0	18.96	19.47	18.96	20.0	0
10	16QAM	1	24	18.95	19.41	18.95		
10	16QAM	25	0	17.95	18.47	17.95	19.0	0
10	16QAM	25	13	17.95	18.41	17.95		
10	16QAM	25	25	17.95	18.47	17.95		
10	64QAM	1	0	17.96	18.47	17.96	18.0	0
10	64QAM	1	24	17.95	18.41	17.95		
10	64QAM	25	0	16.95	17.47	16.95	17.0	0.1
10	64QAM	25	13	16.95	17.41	16.95		
10	64QAM	25	25	16.95	17.47	16.95		
10	256QAM	1	0	18.96	19.47	18.96	19.0	1
10	256QAM	1	24	18.95	19.41	18.95		
10	256QAM	25	0	17.95	18.47	17.95	18.0	1
10	256QAM	25	13	17.95	18.41	17.95		
10	256QAM	25	25	17.95	18.47	17.95		
Channel				18625	18825	19025		
Frequency [MHz]				1852.5	1872.5	1892.5		
5	QPSK	1	0	19.97	20.47	19.97	20.9	0
5	QPSK	1	12	19.95	20.41	19.95		
5	QPSK	12	0	18.95	19.47	18.95	20.0	0
5	QPSK	12	7	18.95	19.41	18.95		
5	QPSK	12	13	18.95	19.47	18.95		
5	16QAM	1	0	18.97	19.47	18.97	20.0	0
5	16QAM	1	12	18.95	19.41	18.95		
5	16QAM	12	0	17.95	18.47	17.95	19.0	0
5	16QAM	12	7	17.95	18.41	17.95		
5	16QAM	12	13	17.95	18.47	17.95		
5	64QAM	1	0	17.97	18.47	17.97	18.0	0
5	64QAM	1	12	17.95	18.41	17.95		
5	64QAM	12	0	16.95	17.47	16.95	17.0	0.1
5	64QAM	12	7	16.95	17.41	16.95		
5	64QAM	12	13	16.95	17.47	16.95		
5	256QAM	1	0	18.97	19.47	18.97	19.0	1
5	256QAM	1	12	18.95	19.41	18.95		
5	256QAM	12	0	17.95	18.47	17.95	18.0	1
5	256QAM	12	7	17.95	18.41	17.95		
5	256QAM	12	13	17.95	18.47	17.95		
Channel				18615	18815	19015		
Frequency [MHz]				1851.5	1871.5	1891.5		
3	QPSK	1	0	19.97	20.47	19.97	20.9	0
3	QPSK	1	8	19.95	20.41	19.95		
3	QPSK	8	0	18.95	19.47	18.95	20.0	0
3	QPSK	8	4	18.95	19.41	18.95		
3	QPSK	8	7	18.95	19.47	18.95		
3	16QAM	1	0	18.97	19.47	18.97	20.0	0
3	16QAM	1	8	18.95	19.41	18.95		
3	16QAM	8	0	17.95	18.47	17.95	19.0	0
3	16QAM	8	4	17.95	18.41	17.95		
3	16QAM	8	7	17.95	18.47	17.95		
3	64QAM	1	0	17.97	18.47	17.97	18.0	0
3	64QAM	1	8	17.95	18.41	17.95		
3	64QAM	8	0	16.95	17.47	16.95	17.0	0.1
3	64QAM	8	4	16.95	17.41	16.95		
3	64QAM	8	7	16.95	17.47	16.95		
3	256QAM	1	0	18.97	19.47	18.97	19.0	1
3	256QAM	1	8	18.95	19.41	18.95		
3	256QAM	8	0	17.95	18.47	17.95	18.0	1
3	256QAM	8	4	17.95	18.41	17.95		
3	256QAM	8	7	17.95	18.47	17.95		
Channel				18607	18807	19007		
Frequency [MHz]				1850.7	1870.7	1890.7		
1.4	QPSK	1	0	19.98	20.48	19.98	20.9	0
1.4	QPSK	1	5	19.95	20.19	19.95		
1.4	QPSK	5	0	18.95	19.48	18.95	20.0	0
1.4	QPSK	5	2	18.95	19.19	18.95		
1.4	QPSK	5	5	18.95	19.48	18.95		
1.4	16QAM	1	0	18.98	19.48	18.98	20.0	0
1.4	16QAM	1	5	18.95	19.19	18.95		
1.4	16QAM	5	0	17.95	18.48	17.95	19.0	0
1.4	16QAM	5	2	17.95	18.19	17.95		
1.4	16QAM	5	5	17.95	18.48	17.95		
1.4	64QAM	1	0	17.98	18.48	17.98	18.0	0
1.4	64QAM	1	5	17.95	18.19	17.95		
1.4	64QAM	5	0	16.95	17.48	16.95	17.0	0.1
1.4	64QAM	5	2	16.95	17.19	16.95		
1.4	64QAM	5	5	16.95	17.48	16.95		
1.4	256QAM	1	0	18.98	19.48	18.98	19.0	1
1.4	256QAM	1	5	18.95	19.19	18.95		
1.4	256QAM	5	0	17.95	18.48	17.95	18.0	1
1.4	256QAM	5	2	17.95	18.19	17.95		
1.4	256QAM	5	5	17.95	18.48	17.95		

Band 2_Ant 6

BW [MHz]	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]				1860.0	1880.0	1900.0		
20	QPSK	1	0	19.97	20.47	19.97	20.9	0
20	QPSK	1	49	19.95	20.14	19.47		
20	QPSK	50	0	18.95	19.47	18.95	20.0	0
20	QPSK	50	24	18.95	19.47	18.95		
20	QPSK	50	50	18.95	19.47	18.95		
20	16QAM	1	0	18.97	19.47	18.97	20.0	0
20	16QAM	1	49	18.95	19.41	18.95		
20	16QAM	50	0	17.95	18.47	17.95	19.0	0
20	16QAM	50	24	17.95	18.47	17.95		
20	16QAM	50	50	17.95	18.47	17.95		
20	64QAM	1	0	16.97	17.47	16.97	18.0	0
20	64QAM	1	49	16.95	17.41	16.95		
20	64QAM	50	0	15.95	16.47	15.95	17.0	0.1
20	64QAM	50	24	15.95	16.47	15.95		
20	64QAM	50	50	15.95	16.47	15.95		
20	256QAM	1	0	17.97	18.47	17.97	19.0	1
20	256QAM	1	49	17.95	18.41	17.95		
20	256QAM	50	0	16.95	17.47	16.95	18.0	1
20	256QAM	50	24	16.95	17.47	16.95		
20	256QAM	50	50	16.95	17.47	16.95		
Channel				18675	18875	19075		
Frequency [MHz]				1857.5	1877.5	1897.5		
15	QPSK	1	0	19.96	20.47	19.96	20.9	0
15	QPSK	1	37	19.95	20.11	19.95		
15	QPSK	36	0	18.95	19.47	18.95	20.0	0
15	QPSK	36	19	18.95	19.41	18.95		
15	QPSK	36	39	18.95	19.47	18.95		
15	16QAM	1	0	18.96	19.47	18.96	20.0	0
15	16QAM	1	37	18.95	19.41	18.95		
15	16QAM	36	0	17.95	18.47	17.95	19.0	0
15	16QAM	36	19	17.95	18.41	17.95		
15	16QAM	36	39	17.95	18.47	17.95		
15	64QAM	1	0	17.96	18.47	17.96	18.0	0
15	64QAM	1	37	17.95	18.41	17.95		
15	64QAM	36	0	16.95	17.47	16.95	17.0	0.1
15	64QAM	36	19	16.95	17.41	16.95		
15	64QAM	36	39	16.95	17.47	16.95		
15	256QAM	1	0	18.96	19.47	18.96	19.0	1
15	256QAM	1	37	18.95	19.41	18.95		
15	256QAM	36	0	17.95	18.47	17.95	18.0	1
15	256QAM	36	19	17.95	18.41	17.95		
15	256QAM	36	39	17.95	18.47	17.95		
Channel				18650	18850	19050		
Frequency [MHz]				1855.0	1875.0	1895.0		
10	QPSK	1	0	19.96	20.47	19.96	20.9	0
10	QPSK	1	24	19.95	20.41	19.95		
10	QPSK	25	0	18.95	19.47	18.95	20.0	0
10	QPSK	25	13	18.95	19.41	18.95		
10	QPSK	25	25	18.95	19.47	18.95		
10	16QAM	1	0	18.96	19.47	18.96	20.0	0
10	16QAM	1	24	18.95	19.41	18.95		
10	16QAM	25	0	17.95	18.47	17.95	19.0	0
10	16QAM	25	13	17.95	18.41	17.95		
10	16QAM	25	25	17.95	18.47	17.95		
10	64QAM	1	0	17.96	18.47	17.96	18.0	0
10	64QAM	1	24	17.95	18.41	17.95		
10	64QAM	25	0	16.95	17.47	16.95	17.0	0.1
10	64QAM	25	13	16.95	17.41	16.95		
10	64QAM	25	25	16.95	17.47	16.95		
10	256QAM	1	0	18.96	19.47	18.96	19.0	1
10	256QAM	1	24	18.95	19.41	18.95		
10	256QAM	25	0	17.95	18.47	17.95	18.0	1
10	256QAM	25	13	17.95	18.41	17.95		
10	256QAM	25	25	17.95	18.47	17.95		
Channel				18625	18825	19025		
Frequency [MHz]				1852.5	1872.5	1892.5		
5	QPSK	1	0	19.97	20.47	19.97	20.9	0
5	QPSK	1	12	19.95	19.41	19.95		
5	QPSK	12	0	18.95	19.47	18.95	20.0	0
5	QPSK	12	7	18.95	19.41	18.95		
5	QPSK	12	13	18.95	19.47	18.95		
5	16QAM	1	0	18.97	19.47	18.97	20.0	0
5	16QAM	1	12	18.95	19.41	18.95		
5	16QAM	12	0	17.95	18.47	17.95	19.0	0
5	16QAM	12	7	17.95	18.41	17.95		
5	16QAM	12	13	17.95	18.47	17.95		
5	64QAM	1	0	17.97	18.47	17.97	18.0	0
5	64QAM	1	12	17.95	18.41	17.95		
5	64QAM	12	0	16.95	17.47	16.95	17.0	0.1
5	64QAM	12	7	16.95	17.41	16.95		
5	64QAM	12	13	16.95	17.47	16.95		
5	256QAM	1	0	18.97	19.47	18.97	19.0	1
5	256QAM	1	12	18.95	19.41	18.95		
5	256QAM	12	0	17.95	18.47	17.95	18.0	1
5	256QAM	12	7	17.95	18.41	17.95		
5	256QAM	12	13	17.95	18.47	17.95		
Channel				18615	18815	19015		
Frequency [MHz]				1851.5	1871.5	1891.5		
3	QPSK	1	0	19.97	20.47	19.97	20.9	0
3	QPSK	1	8	19.95	19.58	19.95		
3	QPSK	8	0	18.95	19.47	18.95	20.0	0
3	QPSK	8	4	18.95	19.41	18.95		
3	QPSK	8	7	18.95	19.47	18.95		
3	16QAM	1	0	18.97	19.47	18.97	20.0	0
3	16QAM	1	8	18.95	19.41	18.95		
3	16QAM	8	0	17.95	18.47	17.95	19.0	0
3	16QAM	8	4	17.95	18.41	17.95		
3	16QAM	8	7	17.95	18.47	17.95		
3	64QAM	1	0	17.97	18.47	17.97	18.0	0
3	64QAM	1	8	17.95	18.41	17.95		
3	64QAM	8	0	16.95	17.47	16.95	17.0	0.1
3	64QAM	8	4	16.95	17.41	16.95		
3	64QAM	8	7	16.95	17.47	16.95		
3	256QAM

Band 4_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				20000	20175	20350		
Frequency [MHz]				699.0	707.5	716.0		
20	QPSK	1	0	22.7	23.0	23.0	21.4	0
20	QPSK	1	49	22.7	23.0	23.0		
20	QPSK	1	99	22.7	23.0	23.0		
20	QPSK	50	0	21.8	22.0	22.0	21.4	0
20	QPSK	50	24	21.8	22.0	22.0		
20	QPSK	50	50	21.8	22.0	22.0		
20	QPSK	100	0	21.8	22.0	22.0		
20	16QAM	1	0	22.0	22.0	22.0	21.4	0
20	16QAM	1	49	22.0	22.0	22.0		
20	16QAM	1	99	22.0	22.0	22.0		
20	16QAM	50	0	21.0	21.0	21.0	21.4	0
20	16QAM	50	24	21.0	21.0	21.0		
20	16QAM	50	50	21.0	21.0	21.0		
20	16QAM	100	0	21.0	21.0	21.0		
20	64QAM	1	0	20.0	20.0	20.0	21.4	0
20	64QAM	1	49	20.0	20.0	20.0		
20	64QAM	1	99	20.0	20.0	20.0		
20	64QAM	50	0	19.0	19.0	19.0	20.4	1
20	64QAM	50	24	19.0	19.0	19.0		
20	64QAM	50	50	19.0	19.0	19.0		
20	64QAM	100	0	19.0	19.0	19.0		
20	256QAM	1	0	17.0	17.0	17.0	18.4	3
20	256QAM	1	49	17.0	17.0	17.0		
20	256QAM	1	99	17.0	17.0	17.0		
20	256QAM	50	0	17.0	17.0	17.0	18.4	3
20	256QAM	50	24	17.0	17.0	17.0		
20	256QAM	50	50	17.0	17.0	17.0		
20	256QAM	100	0	17.0	17.0	17.0		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
15	QPSK	1	0	22.7	23.0	23.0	21.4	0
15	QPSK	1	37	22.7	23.0	23.0		
15	QPSK	1	74	22.7	23.0	23.0		
15	QPSK	36	0	21.7	22.0	22.0	21.4	0
15	QPSK	36	20	21.7	22.0	22.0		
15	QPSK	36	39	21.7	22.0	22.0		
15	QPSK	75	0	21.7	22.0	22.0	21.4	0
15	QPSK	75	38	21.7	22.0	22.0		
15	QPSK	75	75	21.7	22.0	22.0		
15	16QAM	1	0	20.7	20.9	20.9	21.4	0
15	16QAM	1	37	20.7	20.9	20.9		
15	16QAM	1	74	20.7	20.9	20.9		
15	16QAM	36	0	19.7	19.9	19.9	21.4	0
15	16QAM	36	20	19.7	19.9	19.9		
15	16QAM	36	39	19.7	19.9	19.9		
15	16QAM	75	0	19.7	19.9	19.9	21.4	0
15	16QAM	75	38	19.7	19.9	19.9		
15	16QAM	75	75	19.7	19.9	19.9		
15	64QAM	1	0	18.7	18.9	18.9	20.4	1
15	64QAM	1	37	18.7	18.9	18.9		
15	64QAM	1	74	18.7	18.9	18.9		
15	64QAM	36	0	17.7	17.9	17.9	20.4	1
15	64QAM	36	20	17.7	17.9	17.9		
15	64QAM	36	39	17.7	17.9	17.9		
15	64QAM	75	0	17.7	17.9	17.9	20.4	1
15	64QAM	75	38	17.7	17.9	17.9		
15	64QAM	75	75	17.7	17.9	17.9		
15	256QAM	1	0	15.7	15.9	15.9	16.4	3
15	256QAM	1	37	15.7	15.9	15.9		
15	256QAM	1	74	15.7	15.9	15.9		
15	256QAM	36	0	15.7	15.9	15.9	16.4	3
15	256QAM	36	20	15.7	15.9	15.9		
15	256QAM	36	39	15.7	15.9	15.9		
15	256QAM	75	0	15.7	15.9	15.9	16.4	3
15	256QAM	75	38	15.7	15.9	15.9		
15	256QAM	75	75	15.7	15.9	15.9		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
10	QPSK	1	0	22.7	23.0	23.0	21.4	0
10	QPSK	1	24	22.7	23.0	23.0		
10	QPSK	1	49	22.7	23.0	23.0		
10	QPSK	25	0	21.7	22.0	22.0	21.4	0
10	QPSK	25	13	21.7	22.0	22.0		
10	QPSK	25	25	21.7	22.0	22.0		
10	QPSK	50	0	21.7	22.0	22.0	21.4	0
10	QPSK	50	12	21.7	22.0	22.0		
10	QPSK	50	25	21.7	22.0	22.0		
10	16QAM	1	0	20.7	20.9	20.9	21.4	0
10	16QAM	1	24	20.7	20.9	20.9		
10	16QAM	1	49	20.7	20.9	20.9		
10	16QAM	25	0	19.7	19.9	19.9	21.4	0
10	16QAM	25	13	19.7	19.9	19.9		
10	16QAM	25	25	19.7	19.9	19.9		
10	16QAM	50	0	19.7	19.9	19.9	21.4	0
10	16QAM	50	12	19.7	19.9	19.9		
10	16QAM	50	25	19.7	19.9	19.9		
10	64QAM	1	0	18.7	18.9	18.9	20.4	1
10	64QAM	1	24	18.7	18.9	18.9		
10	64QAM	1	49	18.7	18.9	18.9		
10	64QAM	25	0	17.7	17.9	17.9	20.4	1
10	64QAM	25	13	17.7	17.9	17.9		
10	64QAM	25	25	17.7	17.9	17.9		
10	64QAM	50	0	17.7	17.9	17.9	20.4	1
10	64QAM	50	12	17.7	17.9	17.9		
10	64QAM	50	25	17.7	17.9	17.9		
10	256QAM	1	0	15.7	15.9	15.9	16.4	3
10	256QAM	1	24	15.7	15.9	15.9		
10	256QAM	1	49	15.7	15.9	15.9		
10	256QAM	25	0	15.7	15.9	15.9	16.4	3
10	256QAM	25	13	15.7	15.9	15.9		
10	256QAM	25	25	15.7	15.9	15.9		
10	256QAM	50	0	15.7	15.9	15.9	16.4	3
10	256QAM	50	12	15.7	15.9	15.9		
10	256QAM	50	25	15.7	15.9	15.9		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
5	QPSK	1	0	22.7	23.0	23.0	21.4	0
5	QPSK	1	12	22.7	23.0	23.0		
5	QPSK	1	24	22.7	23.0	23.0		
5	QPSK	12	0	21.7	22.0	22.0	21.4	0
5	QPSK	12	7	21.7	22.0	22.0		
5	QPSK	12	13	21.7	22.0	22.0		
5	16QAM	1	0	20.7	20.9	20.9	21.4	0
5	16QAM	1	12	20.7	20.9	20.9		
5	16QAM	1	24	20.7	20.9	20.9		
5	16QAM	12	0	19.7	19.9	19.9	21.4	0
5	16QAM	12	7	19.7	19.9	19.9		
5	16QAM	12	13	19.7	19.9	19.9		
5	64QAM	1	0	18.7	18.9	18.9	20.4	1
5	64QAM	1	12	18.7	18.9	18.9		
5	64QAM	1	24	18.7	18.9	18.9		
5	64QAM	12	0	17.7	17.9	17.9	20.4	1
5	64QAM	12	7	17.7	17.9	17.9		
5	64QAM	12	13	17.7	17.9	17.9		
5	256QAM	1	0	15.7	15.9	15.9	16.4	3
5	256QAM	1	12	15.7	15.9	15.9		
5	256QAM	1	24	15.7	15.9	15.9		
5	256QAM	12	0	15.7	15.9	15.9	16.4	3
5	256QAM	12	7	15.7	15.9	15.9		
5	256QAM	12	13	15.7	15.9	15.9		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
3	QPSK	1	0	22.7	23.0	23.0	21.4	0
3	QPSK	1	8	22.7	23.0	23.0		
3	QPSK	1	14	22.7	23.0	23.0		
3	QPSK	8	0	21.7	22.0	22.0	21.4	0
3	QPSK	8	4	21.7	22.0	22.0		
3	QPSK	8	7	21.7	22.0	22.0		
3	16QAM	1	0	20.7	20.9	20.9	21.4	0
3	16QAM	1	8	20.7	20.9	20.9		
3	16QAM	1	14	20.7	20.9	20.9		
3	16QAM	8	0	19.7	19.9	19.9	21.4	0
3	16QAM	8	4	19.7	19.9	19.9		
3	16QAM	8	7	19.7	19.9	19.9		
3	64QAM	1	0	18.7	18.9	18.9	20.4	1
3	64QAM	1	8	18.7	18.9	18.9		
3	64QAM	1	14	18.7	18.9	18.9		
3	64QAM	8	0	17.7	17.9	17.9	20.4	1
3	64QAM	8	4	17.7	17.9	17.9		
3	64QAM	8	7	17.7	17.9	17.9		
3	256QAM	1	0	15.7	15.9	15.9	16.4	3
3	256QAM	1	8	15.7	15.9	15.9		
3	256QAM	1	14	15.7	15.9	15.9		
3	256QAM	8	0	15.7	15.9	15.9	16.4	3
3	256QAM	8	4	15.7	15.9	15.9		
3	256QAM	8	7	15.7	15.9	15.9		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
1.4	QPSK	1	0	23.26	23.26	23.26	21.4	0
1.4	QPSK	1	3	23.26	23.26	23.26		
1.4	QPSK	1	5	23.26	23.26	23.26		
1.4	QPSK	3	0	22.26	22.26	22.26	21.4	0
1.4	QPSK	3	2	22.26	22.26	22.26		
1.4	QPSK	3	3	22.26	22.26	22.26		
1.4	16QAM	1	0	22.26	22.26	22.26	21.4	0
1.4	16QAM	1	3	22.26	22.26	22.26		
1.4	16QAM	1	5	22.26	22.26	22.26		
1.4	16QAM	3	0	21.26	21.26	21.26	21.4	0
1.4	16QAM	3	2	21.26	21.26	21.26		
1.4	16QAM	3	3	21.26	21.26	21.26		
1.4	64QAM	1	0	20.26	20.26	20.26	20.4	1
1.4	64QAM	1	3	20.26	20.26	20.26		
1.4	64QAM	1	5	20.26	20.26	20.26		
1.4	64QAM	3	0	19.26	19.26	19.26	20.4	1
1.4	64QAM	3	2	19.26	19.26	19.26		
1.4	64QAM	3	3	19.26	19.26	19.26		
1.4	256QAM	1	0	17.26	17.26	17.26	18.4	3
1.4	256QAM	1	3	17.26	17.26	17.26		
1.4	256QAM	1	5	17.26	17.26	17.26		
1.4	256QAM	3	0	17.26	17.26	17.26	18.4	3
1.4	256QAM	3	2	17.26	17.26	17.26		
1.4	256QAM	3	3	17.26	17.26	17.26		

Band 4_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				20000	20175	20350		
Frequency [MHz]				699.0	707.5	716.0		
20	QPSK	1	0	22.26	22.26	22.26	21.3	0
20	QPSK	1	49	22.26	22.26	22.26		
20	QPSK	1	99	22.26	22.26	22.26		
20	QPSK	50	0	21.26	21.26	21.26	21.3	0
20	QPSK	50	24	21.26	21.26	21.26		
20	QPSK	50	50	21.26	21.26	21.26		
20	QPSK	100	0	21.26	21.26	21.26		
20	16QAM	1	0	21.26	21.26	21.26	21.3	0
20	16QAM	1	49	21.26	21.26	21.26		
20	16QAM	1	99	21.26	21.26	21.26		
20	16QAM	50	0	20.26	20.26	20.26	21.3	0
20	16QAM	50	24	20.26	20.26	20.26		
20	16QAM	50	50	20.26	20.26	20.26		
20	16QAM	100	0	20.26	20.26	20.26		
20	64QAM	1	0	19.26	19.26	19.26	21.3	0
20	64QAM	1	49	19.26	19.26	19.26		
20	64QAM	1	99	19.26	19.26	19.26		
20	64QAM	50	0	18.26	18.26	18.26	20.3	0
20	64QAM	50	24	18.26	18.26	18.26		
20	64QAM	50	50	18.26	18.26	18.26		
20	64QAM	100	0	18.26	18.26	18.26		
20	256QAM	1	0	16.26	16.26	16.26	18.3	1.5
20	256QAM	1	49	16.26	16.26	16.26		
20	256QAM	1	99	16.26	16.26	16.26		
20	256QAM	50	0	16.26	16.26	16.26	18.3	1.5
20	256QAM	50	24	16.26	16.26	16.26		
20	256QAM	50	50	16.26	16.26	16.26		
20	256QAM	100	0	16.26	16.26	16.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
15	QPSK	1	0	22.26	22.26	22.26	21.3	0
15	QPSK	1	37	22.26	22.26	22.26		
15	QPSK	1	74	22.26	22.26	22.26		
15	QPSK	36	0	21.26	21.26	21.26	21.3	0
15	QPSK	36	20	21.26	21.26	21.26		
15	QPSK	36	39	21.26	21.26	21.26		
15	QPSK	75	0	21.26	21.26	21.26	21.3	0
15	QPSK	75	38	21.26	21.26	21.26		
15	QPSK	75	75	21.26	21.26	21.26		
15	16QAM	1	0	20.26	20.26	20.26	21.3	0
15	16QAM	1	37	20.26	20.26	20.26		
15	16QAM	1	74	20.26	20.26	20.26		
15	16QAM	36	0	19.26	19.26	19.26	21.3	0
15	16QAM	36	20	19.26	19.26	19.26		
15	16QAM	36	39	19.26	19.26	19.26		
15	16QAM	75	0	19.26	19.26	19.26	21.3	0
15	16QAM	75	38	19.26	19.26	19.26		
15	16QAM	75	75	19.26	19.26	19.26		
15	64QAM	1	0	18.26	18.26	18.26	20.3	0
15	64QAM	1	37	18.26	18.26	18.26		
15	64QAM	1	74	18.26	18.26	18.26		
15	64QAM	36	0	17.26	17.26	17.26	20.3	0
15	64QAM	36	20	17.26	17.26	17.26		
15	64QAM	36	39	17.26	17.26	17.26		
15	64QAM	75	0	17.26	17.26	17.26	20.3	0
15	64QAM	75	38	17.26	17.26	17.26		
15	64QAM	75	75	17.26	17.26	17.26		
15	256QAM	1	0	15.26	15.26	15.26	17.3	1.5
15	256QAM	1	37	15.26	15.26	15.26		
15	256QAM	1	74	15.26	15.26	15.26		
15	256QAM	36	0	15.26	15.26	15.26	17.3	1.5
15	256QAM	36	20	15.26	15.26	15.26		
15	256QAM	36	39	15.26	15.26	15.26		
15	256QAM	75	0	15.26	15.26	15.26	17.3	1.5
15	256QAM	75	38	15.26	15.26	15.26		
15	256QAM	75	75	15.26	15.26	15.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
10	QPSK	1	0	22.26	22.26	22.26	21.3	0
10	QPSK	1	24	22.26	22.26	22.26		
10	QPSK	1	49	22.26	22.26	22.26		
10	QPSK	25	0	21.26	21.26	21.26	21.3	0
10	QPSK	25	13	21.26	21.26	21.26		
10	QPSK	25	25	21.26	21.26	21.26		
10	QPSK	50	0	21.26	21.26	21.26	21.3	0
10	QPSK	50	12	21.26	21.26	21.26		
10	QPSK	50	25	21.26	21.26	21.26		
10	16QAM	1	0	20.26	20.26	20.26	21.3	0
10	16QAM	1	24	20.26	20.26	20.26		
10	16QAM	1	49	20.26	20.26	20.26		
10	16QAM	25	0	19.26	19.26	19.26	21.3	0
10	16QAM	25	13	19.26	19.26	19.26		
10	16QAM	25	25	19.26	19.26	19.26		
10	16QAM	50	0	19.26	19.26	19.26	21.3	0
10	16QAM	50	12	19.26	19.26	19.26		
10	16QAM	50	25	19.26	19.26	19.26		
10	64QAM	1	0	18.26	18.26	18.26	20.3	0
10	64QAM	1	24	18.26	18.26	18.26		
10	64QAM	1	49	18.26	18.26	18.26		
10	64QAM	25	0	17.26	17.26	17.26	20.3	0
10	64QAM	25	13	17.26	17.26	17.26		
10	64QAM	25	25	17.26	17.26	17.26		
10	64QAM	50	0	17.26	17.26	17.26	20.3	0
10	64QAM	50	12	17.26	17.26	17.26		
10	64QAM	50	25	17.26	17.26	17.26		
10	256QAM	1	0	15.26	15.26	15.26	17.3	1.5
10	256QAM	1	24	15.26	15.26	15.26		
10	256QAM	1	49	15.26	15.26	15.26		
10	256QAM	25	0	15.26	15.26	15.26	17.3	1.5
10	256QAM	25	13	15.26	15.26	15.26		
10	256QAM	25	25	15.26	15.26	15.26		
10	256QAM	50	0	15.26	15.26	15.26	17.3	1.5
10	256QAM	50	12	15.26	15.26	15.26		
10	256QAM	50	25	15.26	15.26	15.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
5	QPSK	1	0	22.26	22.26	22.26	21.3	0
5	QPSK	1	12	22.26	22.26	22.26		
5	QPSK	1	24	22.26	22.26	22.26		
5	QPSK	12	0	21.26	21.26	21.26	21.3	0
5	QPSK	12	7	21.26	21.26	21.26		
5	QPSK	12	13	21.26	21.26	21.26		
5	16QAM	1	0	20.26	20.26	20.26	21.3	0
5	16QAM	1	12	20.26	20.26	20.26		
5	16QAM	1	24	20.26	20.26	20.26		
5	16QAM	12	0	19.26	19.26	19.26	21.3	0
5	16QAM	12	7	19.26	19.26	19.26		
5	16QAM	12	13	19.26	19.26	19.26		
5	64QAM	1	0	18.26	18.26	18.26	20.3	0
5	64QAM	1	12	18.26	18.26	18.26		
5	64QAM	1	24	18.26	18.26	18.26		
5	64QAM	12	0	17.26	17.26	17.26	20.3	0
5	64QAM	12	7	17.26	17.26	17.26		
5	64QAM	12	13	17.26	17.26	17.26		
5	256QAM	1	0	15.26	15.26	15.26	17.3	1.5
5	256QAM	1	12	15.26	15.26	15.26		
5	256QAM	1	24	15.26	15.26	15.26		
5	256QAM	12	0	15.26	15.26	15.26	17.3	1.5
5	256QAM	12	7	15.26	15.26	15.26		
5	256QAM	12	13	15.26	15.26	15.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
3	QPSK	1	0	22.26	22.26	22.26	21.3	0
3	QPSK	1	8	22.26	22.26	22.26		
3	QPSK	1	14	22.26	22.26	22.26		
3	QPSK	8	0	21.26	21.26	21.26	21.3	0
3	QPSK	8	4	21.26	21.26	21.26		
3	QPSK	8	7	21.26	21.26	21.26		
3	16QAM	1	0	20.26	20.26	20.26	21.3	0
3	16QAM	1	8	20.26	20.26	20.26		
3	16QAM	1	14	20.26	20.26	20.26		
3	16QAM	8	0	19.26	19.26	19.26	21.3	0
3	16QAM	8	4	19.26	19.26	19.26		
3	16QAM	8	7	19.26	19.26	19.26		
3	64QAM	1	0	18.26	18.26	18.26	20.3	0
3	64QAM	1	8	18.26	18.26	18.26		
3	64QAM	1	14	18.26	18.26	18.26		
3	64QAM	8	0	17.26	17.26	17.26	20.3	0
3	64QAM	8	4	17.26	17.26	17.26		
3	64QAM	8	7	17.26	17.26	17.26		
3	256QAM	1	0	15.26	15.26	15.26	17.3	1.5
3	256QAM	1	8	15.26	15.26	15.26		
3	256QAM	1	14	15.26	15.26	15.26		
3	256QAM	8	0	15.26	15.26	15.26	17.3	1.5
3	256QAM	8	4	15.26	15.26	15.26		
3	256QAM	8	7	15.26	15.26	15.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				699.0	707.5	716.0		
1.4	QPSK	1	0	23.26	23.26	23.26	21.3	0
1.4	QPSK	1	3	23.26	23.26	23.26		
1.4	QPSK	1	5	23.26	23.26	23.26		
1.4	QPSK	3	0	22.26	22.26	22.26	21.3	0
1.4	QPSK	3	2	22.26	22.26	22.26		
1.4	QPSK	3	3	22.26	22.26	22.26		
1.4	16QAM	1	0	22.26	22.26	22.26	21.3	0
1.4	16QAM	1	3	22.26	22.26	22.26		
1.4	16QAM	1	5	22.26	22.26	22.26		
1.4	16QAM	3	0	21.26	21.26	21.26	21.3	0
1.4	16QAM	3	2	21.26	21.26	21.26		
1.4	16QAM	3	3	21.26	21.26	21.26		
1.4	64QAM	1	0	20.26	20.26	20.26	20.3	0
1.4	64QAM	1	3	20.26	20.26	20.26		
1.4	64QAM	1	5	20.26	20.26	20.26		
1.4	64QAM	3	0	19.26	19.26	19.26	20.3	0
1.4	64QAM	3	2	19.26	19.26	19.26		
1.4	64QAM	3	3	19.26	19.26	19.26		
1.4	256QAM	1	0	17.26	17.26	17.26	18.3	1.5
1.4	256QAM	1	3	17.26	17.26	17.26		
1.4	256QAM	1	5	17.26	17.26	17.26		
1.4	256QAM	3	0	17.26	17.26	17.26	18.3	1.5
1.4	256QAM	3	2	17.26	17.26	17.26		
1.4	256QAM	3	3	17.26	17.26	17.26		

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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			

Band 5_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				20405	20525	20665		
Frequency [MHz]				829.0	841.5	855.0		
10	QPSK	1	0	21.48	21.49	21.45	22.5	0
10	QPSK	1	24	21.46	21.47	21.43		
10	QPSK	1	49	21.46	21.47	21.43		
10	QPSK	25	0	21.39	21.40	21.36	22.5	0
10	QPSK	25	12	21.39	21.40	21.36		
10	QPSK	25	25	21.39	21.40	21.36		
10	QPSK	50	0	21.37	21.38	21.34		
10	16QAM	1	0	21.48	21.49	21.45	22.5	0
10	16QAM	1	24	21.46	21.47	21.43		
10	16QAM	1	49	21.46	21.47	21.43		
10	16QAM	25	0	21.39	21.40	21.36	22.5	0
10	16QAM	25	12	21.39	21.40	21.36		
10	16QAM	25	25	21.39	21.40	21.36		
10	16QAM	50	0	21.37	21.38	21.34		
10	64QAM	1	0	21.48	21.49	21.45	22.5	0
10	64QAM	1	24	21.46	21.47	21.43		
10	64QAM	1	49	21.46	21.47	21.43		
10	64QAM	25	0	21.39	21.40	21.36	22.5	0
10	64QAM	25	12	21.39	21.40	21.36		
10	64QAM	25	25	21.39	21.40	21.36		
10	64QAM	50	0	21.37	21.38	21.34		
10	256QAM	1	0	20.78	20.79	20.75	21.6	0.5
10	256QAM	1	24	20.76	20.77	20.73		
10	256QAM	1	49	20.76	20.77	20.73		
10	256QAM	25	0	20.69	20.70	20.66		
10	256QAM	25	12	20.69	20.70	20.66		
10	256QAM	25	25	20.69	20.70	20.66		
10	256QAM	50	0	20.67	20.68	20.64		
10	QPSK	1	0	19.48	19.49	19.45	19.6	2.5
10	QPSK	1	24	19.46	19.47	19.43		
10	QPSK	1	49	19.46	19.47	19.43		
10	QPSK	25	0	19.39	19.40	19.36		
10	QPSK	25	12	19.39	19.40	19.36		
10	QPSK	25	25	19.39	19.40	19.36		
10	QPSK	50	0	19.37	19.38	19.34		
Channel				20415	20525	20635		
Frequency [MHz]				830.0	841.5	853.0		
5	QPSK	1	0	21.48	21.49	21.45	22.5	0
5	QPSK	1	12	21.46	21.47	21.43		
5	QPSK	1	24	21.46	21.47	21.43		
5	QPSK	12	0	21.39	21.40	21.36	22.5	0
5	QPSK	12	7	21.39	21.40	21.36		
5	QPSK	12	13	21.39	21.40	21.36		
5	QPSK	25	0	21.37	21.38	21.34		
5	16QAM	1	0	21.48	21.49	21.45	22.5	0
5	16QAM	1	12	21.46	21.47	21.43		
5	16QAM	1	24	21.46	21.47	21.43		
5	16QAM	12	0	21.39	21.40	21.36	22.5	0
5	16QAM	12	7	21.39	21.40	21.36		
5	16QAM	12	13	21.39	21.40	21.36		
5	16QAM	25	0	21.37	21.38	21.34		
5	64QAM	1	0	21.48	21.49	21.45	22.5	0
5	64QAM	1	12	21.46	21.47	21.43		
5	64QAM	1	24	21.46	21.47	21.43		
5	64QAM	12	0	21.39	21.40	21.36	22.5	0
5	64QAM	12	7	21.39	21.40	21.36		
5	64QAM	12	13	21.39	21.40	21.36		
5	64QAM	25	0	21.37	21.38	21.34		
5	256QAM	1	0	20.69	20.70	20.66	21.6	0.5
5	256QAM	1	12	20.67	20.68	20.64		
5	256QAM	1	24	20.67	20.68	20.64		
5	256QAM	12	0	20.60	20.61	20.57		
5	256QAM	12	7	20.60	20.61	20.57		
5	256QAM	12	13	20.60	20.61	20.57		
5	256QAM	25	0	20.58	20.59	20.55		
5	QPSK	1	0	19.48	19.49	19.45	19.6	2.5
5	QPSK	1	12	19.46	19.47	19.43		
5	QPSK	1	24	19.46	19.47	19.43		
5	QPSK	12	0	19.39	19.40	19.36		
5	QPSK	12	7	19.39	19.40	19.36		
5	QPSK	12	13	19.39	19.40	19.36		
5	QPSK	25	0	19.37	19.38	19.34		
Channel				20425	20525	20625		
Frequency [MHz]				831.0	841.5	852.0		
3	QPSK	1	0	21.48	21.49	21.45	22.5	0
3	QPSK	1	8	21.47	21.48	21.44		
3	QPSK	1	14	21.47	21.48	21.44		
3	QPSK	8	0	21.39	21.40	21.36	22.5	0
3	QPSK	8	4	21.39	21.40	21.36		
3	QPSK	8	7	21.39	21.40	21.36		
3	QPSK	15	0	21.37	21.38	21.34		
3	16QAM	1	0	21.48	21.49	21.45	22.5	0
3	16QAM	1	8	21.47	21.48	21.44		
3	16QAM	1	14	21.47	21.48	21.44		
3	16QAM	8	0	21.39	21.40	21.36	22.5	0
3	16QAM	8	4	21.39	21.40	21.36		
3	16QAM	8	7	21.39	21.40	21.36		
3	16QAM	15	0	21.37	21.38	21.34		
3	64QAM	1	0	21.48	21.49	21.45	22.5	0
3	64QAM	1	8	21.47	21.48	21.44		
3	64QAM	1	14	21.47	21.48	21.44		
3	64QAM	8	0	21.39	21.40	21.36	22.5	0
3	64QAM	8	4	21.39	21.40	21.36		
3	64QAM	8	7	21.39	21.40	21.36		
3	64QAM	15	0	21.37	21.38	21.34		
3	256QAM	1	0	20.78	20.79	20.75	21.6	0.5
3	256QAM	1	8	20.77	20.78	20.74		
3	256QAM	1	14	20.77	20.78	20.74		
3	256QAM	8	0	20.69	20.70	20.66		
3	256QAM	8	4	20.69	20.70	20.66		
3	256QAM	8	7	20.69	20.70	20.66		
3	256QAM	15	0	20.67	20.68	20.64		
3	QPSK	1	0	19.48	19.49	19.45	19.6	2.5
3	QPSK	1	8	19.47	19.48	19.44		
3	QPSK	1	14	19.47	19.48	19.44		
3	QPSK	8	0	19.39	19.40	19.36		
3	QPSK	8	4	19.39	19.40	19.36		
3	QPSK	8	7	19.39	19.40	19.36		
3	QPSK	15	0	19.37	19.38	19.34		
Channel				20427	20525	20623		
Frequency [MHz]				831.2	841.5	851.8		
1.4	QPSK	1	0	21.48	21.49	21.45	22.5	0
1.4	QPSK	1	3	21.47	21.48	21.44		
1.4	QPSK	1	5	21.47	21.48	21.44		
1.4	QPSK	3	0	21.39	21.40	21.36	22.5	0
1.4	QPSK	3	2	21.39	21.40	21.36		
1.4	QPSK	3	3	21.39	21.40	21.36		
1.4	QPSK	6	0	21.37	21.38	21.34		
1.4	16QAM	1	0	21.48	21.49	21.45	22.5	0
1.4	16QAM	1	3	21.47	21.48	21.44		
1.4	16QAM	1	5	21.47	21.48	21.44		
1.4	16QAM	3	0	21.39	21.40	21.36	22.5	0
1.4	16QAM	3	2	21.39	21.40	21.36		
1.4	16QAM	3	3	21.39	21.40	21.36		
1.4	16QAM	6	0	21.37	21.38	21.34		
1.4	64QAM	1	0	21.48	21.49	21.45	22.5	0
1.4	64QAM	1	3	21.47	21.48	21.44		
1.4	64QAM	1	5	21.47	21.48	21.44		
1.4	64QAM	3	0	21.39	21.40	21.36	22.5	0
1.4	64QAM	3	2	21.39	21.40	21.36		
1.4	64QAM	3	3	21.39	21.40	21.36		
1.4	64QAM	6	0	21.37	21.38	21.34		
1.4	256QAM	1	0	20.78	20.79	20.75	21.6	0.5
1.4	256QAM	1	3	20.77	20.78	20.74		
1.4	256QAM	1	5	20.77	20.78	20.74		
1.4	256QAM	3	0	20.69	20.70	20.66		
1.4	256QAM	3	2	20.69	20.70	20.66		
1.4	256QAM	3	3	20.69	20.70	20.66		
1.4	256QAM	6	0	20.67	20.68	20.64		
1.4	QPSK	1	0	19.48	19.49	19.45	19.6	2.5
1.4	QPSK	1	3	19.47	19.48	19.44		
1.4	QPSK	1	5	19.47	19.48	19.44		
1.4	QPSK	3	0	19.39	19.40	19.36		
1.4	QPSK	3	2	19.39	19.40	19.36		
1.4	QPSK	3	3	19.39	19.40	19.36		
1.4	QPSK	6	0	19.37	19.38	19.34		

Band 5_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				20405	20525	20665		
Frequency [MHz]				829.0	841.5	855.0		
10	QPSK	1	0	21.48	21.49	21.45	24.0	0
10	QPSK	1	24	21.46	21.47	21.43		
10	QPSK	1	49	21.46	21.47	21.43		
10	QPSK	25	0	21.39	21.40	21.36	23.0	1
10	QPSK	25	12	21.39	21.40	21.36		
10	QPSK	25	25	21.39	21.40	21.36		
10	QPSK	50	0	21.37	21.38	21.34		
10	16QAM	1	0	21.48	21.49	21.45	23.0	1
10	16QAM	1	24	21.46	21.47	21.43		
10	16QAM	1	49	21.46	21.47	21.43		
10	16QAM	25	0	21.39	21.40	21.36	23.0	1
10	16QAM	25	12	21.39	21.40	21.36		
10	16QAM	25	25	21.39	21.40	21.36		
10	16QAM	50	0	21.37	21.38	21.34		
10	64QAM	1	0	21.48	21.49	21.45	22.0	2
10	64QAM	1	24	21.46	21.47	21.43		
10	64QAM	1	49	21.46	21.47	21.43		
10	64QAM	25	0	21.39	21.40	21.36	22.0	2
10	64QAM	25	12	21.39	21.40	21.36		
10	64QAM	25	25	21.39	21.40	21.36		
10	64QAM	50	0	21.37	21.38	21.34		
10	256QAM	1	0	20.78	20.79	20.75	21.0	3
10	256QAM	1	24	20.76	20.77	20.73		
10	256QAM	1	49	20.76	20.77	20.73		
10	256QAM	25	0	20.69	20.70	20.66		
10	256QAM	25	12	20.69	20.70	20.66		
10	256QAM	25	25	20.69	20.70	20.66		
10	256QAM	50	0	20.67	20.68	20.64		
10	QPSK	1	0	19.48	19.49	19.45	19.0	5
10	QPSK	1	24	19.46	19.47	19.43		
10	QPSK	1	49	19.46	19.47	19.43		
10	QPSK	25	0	19.39	19.40	19.36		
10	QPSK	25	12	19.39	19.40	19.36		
10	QPSK	25	25	19.39	19.40	19.36		
10	QPSK	50	0	19.37	19.38	19.34		
Channel				20415	20525	20635		
Frequency [MHz]				830.0	841.5	853.0		
5	QPSK	1	0	21.48	21.49	21.45	24.0	0
5	QPSK	1	12	21.46	21.47	21.43		
5	QPSK	1	24	21.46	21.47	21.43		
5	QPSK	12	0	21.39	21.40	21.36	23.0	1
5	QPSK	12	7	21.39	21.40	21.36		
5	QPSK	12	13	21.39	21.40	21.36		
5	QPSK	25	0	21.37	21.38	21.34		
5	16QAM	1	0	21.48	21.49	21.45	23.0	1
5	16QAM	1	12	21.46	21.47	21.43		
5	16QAM	1	24	21.46	21.47	21.43		
5	16QAM	12	0	21.39	21.40	21.36	23.0	1
5	16QAM	12	7	21.39	21.40	21.36		
5	16QAM	12	13	21.39	21.40	21.36		
5	16QAM	25	0	21.37	21.38	21.34		
5	64QAM	1	0	21.48	21.49	21.45	22.0	2
5	64QAM	1	12	21.46	21.47	21.43		
5	64QAM	1	24	21.46	21.47	21.43		
5	64QAM	12	0	21.39	21.40	21.36	22.0	2
5	64QAM	12	7	21.39	21.40	21.36		
5	64QAM	12	13	21.39	21.40	21.36		
5	64QAM	25	0	21.37	21.38	21.34		
5	256QAM	1	0	20.69	20.70	20.66	21.0	3
5	256QAM	1	12	20.67	20.68	20.64		
5	256QAM	1	24	20.67	20.68	20.64		
5	256QAM	12	0	20.60	20.61	20.57		
5	256QAM	12	7	20.60	20.61	20.57		
5	256QAM	12	13	20.60	20.61	20.57		
5	256QAM	25	0	20.58	20.59	20.55		
5	QPSK	1	0	19.48	19.49	19.45	19.0	5
5	QPSK	1	12	19.46	19.47	19.43		
5	QPSK	1	24	19.46	19.47	19.43		
5	QPSK	12	0	19.39	19.40	19.36		
5	QPSK	12	7	19.39	19.40	19.36		
5	QPSK	12	13	19.39	19.40	19.36		
5	QPSK	25	0	19.37	19.38	19.34		
Channel				20425	20525	20625		
Frequency [MHz]				831.0	841.5	852.0		
3	QPSK	1	0	21.48	21.49	21.45	24.0	0
3	QPSK	1	8	21.47	21.48	21.44		
3	QPSK	1	14	21.47	21.48	21.44		
3	QPSK	8	0	21.39	21.40	21.36	23.0	1
3	QPSK	8	4	21.39	21.40	21.36		
3	QPSK	8	7	21.39	21.40	21.36		
3	QPSK	15	0	21.37	21.38	21.34		
3	16QAM	1	0	21.48	21.49	21.45	23.0	1
3	16QAM	1	8	21.47	21.48	21.44		
3	16QAM	1	14	21.47	21.48	21.44		
3	16QAM	8	0	21.39	21.40	21.36	23.0	1
3	16QAM	8	4	21.39	21.40	21.36		
3	16QAM	8	7	21.39	21.40	21.36		
3	16QAM	15	0	21.37	21.38	21.34		
3	64QAM	1	0	21.48	21.49	21.45	22.0	2
3	64QAM	1	8	21.47	21.48	21.44		
3	64QAM	1	14	21.47	21.48	21.44		
3	64QAM	8	0	21.39	21.40	21.36	22.0	2
3	64QAM	8	4	21.39	21.40	21.36		
3	64QAM	8	7	21.39	21.40	21.36		
3	64QAM	15	0	21.37	21.38	21.34		
3	256QAM	1	0	20.78	20.79	20.75	21.0	3
3	256QAM	1	8	20.77	20.78	20.74		
3	256QAM	1	14	20.77	20.78	20.74		
3	256QAM	8	0	20.69	20.70	20.66		
3	256QAM	8	4	20.69	20.70	20.66		
3	256QAM	8	7	20.69	20.70	20.66		
3	256QAM	15	0	20.67	20.68	20.64		
3	QPSK	1	0	19.48	19.49	19.45	19.0	5
3	QPSK	1	8	19.47	19.48	19.44		
3	QPSK	1	14	19.47	19.48	19.44		
3	QPSK	8	0	19.39	19.40	19.36		
3	QPSK	8	4	19.39	19.40	19.36		
3	QPSK	8	7	19.39	19.40	19.36		
3	QPSK	15	0	19.37	19.38	19.34		
Channel				20427	20525	20623		
Frequency [MHz]				831.2	841.5	851.8		
1.4	QPSK	1	0	21.48	21.49	21.45	24.0	0
1.4	QPSK	1	3	21.47	21.48	21.44		
1.4	QPSK	1	5	21.47	21.48	21.44		
1.4	QPSK	3	0	21.39	21.40	21.36	23.0	1
1.4	QPSK	3	2	21.39	21.40	21.36		
1.4	QPSK	3	3	21.39	21.40	21.36		
1.4	QPSK	6	0	21.37	21.38	21.34		
1.4	16QAM	1	0	21.48	21.49	21.45	23.0	1
1.4	16QAM	1	3	21.47	21.48	21.44		
1.4	16QAM	1	5	21.47	21.48	21.44		
1.4	16QAM	3	0	21.39	21.40	21.36	23.0	1
1.4	16QAM	3	2	21.39	21.40	21.36		
1.4	16QAM	3	3	21.39	21.40	21.36		
1.4	16QAM	6	0	21.37	21.38	21.34		
1.4	64QAM	1	0	21.48	21.49	21.45	22.0	2
1.4	64QAM	1	3	21.47	21.48	21.44		
1.4	64QAM	1	5	21.47	21.48	21.44		
1.4	64QAM	3	0	21.39	21.40	21.36	22.0	2
1.4	64QAM	3	2	21.39	21.40	21.36		
1.4	64QAM	3	3	21.39	21.40	21.36		
1.4	64QAM	6	0	21.37	21.38	21.34		
1.4	256QAM	1	0	20.78	20.79	20.75	21.0	3
1.4	256QAM	1	3	20.77	20.78	20.74		
1.4	256QAM	1	5	20.77	20.78	20.74		
1.4	256QAM	3	0	20.69	20.70	20.66		
1.4	256QAM	3	2	20.69	20.70	20.66		
1.4	256QAM	3	3	20.69	20.70	20.66		
1.4	256QAM	6	0	20.67	20.68	20.64		
1.4	QPSK	1	0	19.48	19.49	19.45	19.0	5
1.4	QPSK	1	3	19.47	19.48	19.44		
1.4	QPSK	1	5	19.47	19.48	19.44		
1.4	QPSK	3	0	19.39	19.40	19.36		
1.4	QPSK	3	2	19.39	19.40	19.36		
1.4	QPSK	3	3	19.39	19.40	19.36		
1.4	QPSK	6	0	19.37	19.38	19.34		

Band 7_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				20850	21100	21350		
Frequency [MHz]				2510.0	2535.0	2560.0		
20	QPSK	1	0	19.48	19.47	19.43	19.7	0
20	QPSK	1	49	19.46	19.46	19.42		
20	QPSK	1	99	19.46	19.46	19.42		
20	QPSK	50	0	19.39	19.39	19.35		
20	QPSK	50	25	19.39	19.39	19.35		
20	QPSK	50	50	19.39	19.39	19.35		
20	QPSK	100	0	19.37	19.37	19.33		
20	16QAM	1	0	19.48	19.47	19.43	19.7	0
20	16QAM	1	49	19.46	19.46	19.42		
20	16QAM	1	99	19.46	19.46	19.42		
20	16QAM	50	0	19.39	19.39	19.35		
20	16QAM	50	25	19.39	19.39	19.35		
20	16QAM	50	50	19.39	19.39	19.35		
20	16QAM	100	0	19.37	19.37	19.33		
20	64QAM	1	0	19.48	19.47	19.43	19.7	0
20	64QAM	1	49	19.46	19.46	19.42		
20	64QAM	1	99	19.46	19.46	19.42		
20	64QAM	50	0	19.39	19.39	19.35		
20	64QAM	50	25	19.39	19.39	19.35		
20	64QAM	50	50	19.39	19.39	19.35		
20	64QAM	100	0	19.37	19.37	19.33		
20	256QAM	1	0	18.48	18.47	18.43	18.7	0
20	256QAM	1	49	18.46	18.46	18.42		
20	256QAM	1	99	18.46	18.46	18.42		
20	256QAM	50	0	18.39	18.39	18.35		
20	256QAM	50	25	18.39	18.39	18.35		
20	256QAM	50	50	18.39	18.39	18.35		
20	256QAM	100	0	18.37	18.37	18.33		
20	QPSK	1	0	17.48	17.47	17.43	17.7	2
20	QPSK	1	49	17.46	17.46	17.42		
20	QPSK	1	99	17.46	17.46	17.42		
20	QPSK	50	0	17.39	17.39	17.35		
20	QPSK	50	25	17.39	17.39	17.35		
20	QPSK	50	50	17.39	17.39	17.35		
20	QPSK	100	0	17.37	17.37	17.33		
Channel				20825	21100	21375		
Frequency [MHz]				2507.5	2535.0	2562.5		
15	QPSK	1	0	19.48	19.47	19.43	19.7	0
15	QPSK	1	37	19.46	19.46	19.42		
15	QPSK	1	74	19.46	19.46	19.42		
15	QPSK	36	0	19.39	19.39	19.35		
15	QPSK	36	20	19.39	19.39	19.35		
15	QPSK	36	39	19.39	19.39	19.35		
15	QPSK	75	0	19.37	19.37	19.33		
15	16QAM	1	0	19.48	19.47	19.43	19.7	0
15	16QAM	1	37	19.46	19.46	19.42		
15	16QAM	1	74	19.46	19.46	19.42		
15	16QAM	36	0	19.39	19.39	19.35		
15	16QAM	36	20	19.39	19.39	19.35		
15	16QAM	36	39	19.39	19.39	19.35		
15	16QAM	75	0	19.37	19.37	19.33		
15	64QAM	1	0	19.48	19.47	19.43	19.7	0
15	64QAM	1	37	19.46	19.46	19.42		
15	64QAM	1	74	19.46	19.46	19.42		
15	64QAM	36	0	19.39	19.39	19.35		
15	64QAM	36	20	19.39	19.39	19.35		
15	64QAM	36	39	19.39	19.39	19.35		
15	64QAM	75	0	19.37	19.37	19.33		
15	256QAM	1	0	18.48	18.47	18.43	18.7	0
15	256QAM	1	37	18.46	18.46	18.42		
15	256QAM	1	74	18.46	18.46	18.42		
15	256QAM	36	0	18.39	18.39	18.35		
15	256QAM	36	20	18.39	18.39	18.35		
15	256QAM	36	39	18.39	18.39	18.35		
15	256QAM	75	0	18.37	18.37	18.33		
15	QPSK	1	0	17.48	17.47	17.43	17.7	2
15	QPSK	1	37	17.46	17.46	17.42		
15	QPSK	1	74	17.46	17.46	17.42		
15	QPSK	36	0	17.39	17.39	17.35		
15	QPSK	36	20	17.39	17.39	17.35		
15	QPSK	36	39	17.39	17.39	17.35		
15	QPSK	75	0	17.37	17.37	17.33		
Channel				20800	21100	21400		
Frequency [MHz]				2505.0	2535.0	2565.0		
10	QPSK	1	0	19.48	19.47	19.43	19.7	0
10	QPSK	1	25	19.46	19.46	19.42		
10	QPSK	1	49	19.46	19.46	19.42		
10	QPSK	25	0	19.39	19.39	19.35		
10	QPSK	25	13	19.39	19.39	19.35		
10	QPSK	25	25	19.39	19.39	19.35		
10	QPSK	50	0	19.37	19.37	19.33		
10	16QAM	1	0	19.48	19.47	19.43	19.7	0
10	16Q

Band 7_Ant 6

BW[MHz]	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)				2502.5	2535	2567.5		
20	QPSK	1	0	19.77	19.79	19.81	19.3	0
20	QPSK	1	49	19.71	19.49	19.41		
20	QPSK	50	0	18.79	18.78	18.78	18.3	0
20	QPSK	50	24	18.72	18.73	18.76		
20	QPSK	50	50	18.72	18.73	18.76		
20	16QAM	1	0	18.74	18.76	18.78	18.3	0
20	16QAM	1	49	18.69	18.46	18.38		
20	16QAM	50	0	17.76	17.75	17.75	17.3	0
20	16QAM	50	24	17.69	17.70	17.73		
20	16QAM	50	50	17.69	17.70	17.73		
20	64QAM	1	0	17.74	17.76	17.78	16.3	0
20	64QAM	1	49	17.69	17.46	17.38		
20	64QAM	50	0	16.76	16.75	16.75	16.3	0
20	64QAM	50	24	16.69	16.70	16.73		
20	64QAM	50	50	16.69	16.70	16.73		
20	256QAM	1	0	16.74	16.76	16.78	16.3	0
20	256QAM	1	49	16.69	16.46	16.38		
20	256QAM	50	0	15.76	15.75	15.75	15.3	0
20	256QAM	50	24	15.69	15.70	15.73		
20	256QAM	50	50	15.69	15.70	15.73		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				2501.5	2535	2568.5		
15	QPSK	1	0	19.77	19.79	19.81	19.3	0
15	QPSK	1	37	19.67	19.77	19.79		
15	QPSK	36	0	18.79	18.78	18.78	18.3	0
15	QPSK	36	20	18.72	18.73	18.76		
15	QPSK	36	39	18.72	18.73	18.76		
15	16QAM	1	0	18.74	18.76	18.78	18.3	0
15	16QAM	1	37	18.64	18.74	18.76		
15	16QAM	36	0	17.76	17.75	17.75	17.3	0
15	16QAM	36	20	17.69	17.70	17.73		
15	16QAM	36	39	17.69	17.70	17.73		
15	64QAM	1	0	17.74	17.76	17.78	16.3	0
15	64QAM	1	37	17.64	17.74	17.76		
15	64QAM	36	0	16.76	16.75	16.75	16.3	0
15	64QAM	36	20	16.69	16.70	16.73		
15	64QAM	36	39	16.69	16.70	16.73		
15	256QAM	1	0	16.74	16.76	16.78	16.3	0
15	256QAM	1	37	16.64	16.74	16.76		
15	256QAM	36	0	15.76	15.75	15.75	15.3	0
15	256QAM	36	20	15.69	15.70	15.73		
15	256QAM	36	39	15.69	15.70	15.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				2500	2535	2570		
10	QPSK	1	0	19.77	19.79	19.81	19.3	0
10	QPSK	1	25	19.64	19.77	19.79		
10	QPSK	25	0	18.79	18.78	18.78	18.3	0
10	QPSK	25	13	18.72	18.73	18.76		
10	QPSK	25	25	18.72	18.73	18.76		
10	16QAM	1	0	18.74	18.76	18.78	18.3	0
10	16QAM	1	25	18.64	18.74	18.76		
10	16QAM	25	0	17.76	17.75	17.75	17.3	0
10	16QAM	25	13	17.69	17.70	17.73		
10	16QAM	25	25	17.69	17.70	17.73		
10	64QAM	1	0	17.74	17.76	17.78	16.3	0
10	64QAM	1	25	17.64	17.74	17.76		
10	64QAM	25	0	16.76	16.75	16.75	16.3	0
10	64QAM	25	13	16.69	16.70	16.73		
10	64QAM	25	25	16.69	16.70	16.73		
10	256QAM	1	0	16.74	16.76	16.78	16.3	0
10	256QAM	1	25	16.64	16.74	16.76		
10	256QAM	25	0	15.76	15.75	15.75	15.3	0
10	256QAM	25	13	15.69	15.70	15.73		
10	256QAM	25	25	15.69	15.70	15.73		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				2498.5	2535	2571.5		
5	QPSK	1	0	19.77	19.79	19.81	19.3	0
5	QPSK	1	12	19.66	19.41	19.16		
5	QPSK	12	0	18.79	18.78	18.78	18.3	0
5	QPSK	12	7	18.72	18.73	18.76		
5	QPSK	12	13	18.72	18.73	18.76		
5	16QAM	1	0	18.74	18.76	18.78	18.3	0
5	16QAM	1	12	18.66	18.41	18.16		
5	16QAM	12	0	17.76	17.75	17.75	17.3	0
5	16QAM	12	7	17.69	17.70	17.73		
5	16QAM	12	13	17.69	17.70	17.73		
5	64QAM	1	0	17.74	17.76	17.78	16.3	0
5	64QAM	1	12	17.66	17.41	17.16		
5	64QAM	12	0	16.76	16.75	16.75	16.3	0
5	64QAM	12	7	16.69	16.70	16.73		
5	64QAM	12	13	16.69	16.70	16.73		
5	256QAM	1	0	16.74	16.76	16.78	16.3	0
5	256QAM	1	12	16.66	16.41	16.16		
5	256QAM	12	0	15.76	15.75	15.75	15.3	0
5	256QAM	12	7	15.69	15.70	15.73		
5	256QAM	12	13	15.69	15.70	15.73		

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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				20850	21100	21350		
Frequency(MHz)				2502.5	2535	2567.5		
20	QPSK	1	0	20.87	20.91	20.95	21.0	0
20	QPSK	1	49	20.88	20.75	20.68		
20	QPSK	50	0	20.00	20.02	20.02	21.0	0
20	QPSK	50	24	20.00	20.02	20.02		
20	QPSK	50	50	20.00	20.02	20.02		
20	16QAM	1	0	20.00	20.02	20.02	21.0	0
20	16QAM	1	49	20.00	19.75	19.68		
20	16QAM	50	0	19.00	19.02	19.02	20.0	0.5
20	16QAM	50	24	19.00	19.02	19.02		
20	16QAM	50	50	19.00	19.02	19.02		
20	64QAM	1	0	19.00	19.02	19.02	20.0	0.5
20	64QAM	1	49	19.00	18.75	18.68		
20	64QAM	50	0	18.00	18.02	18.02	19.0	1.0
20	64QAM	50	24	18.00	18.02	18.02		
20	64QAM	50	50	18.00	18.02	18.02		
20	256QAM	1	0	18.00	18.02	18.02	19.0	1.0
20	256QAM	1	49	18.00	17.75	17.68		
20	256QAM	50	0	17.00	17.02	17.02	18.0	3.0
20	256QAM	50	24	17.00	17.02	17.02		
20	256QAM	50	50	17.00	17.02	17.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				2501.5	2535	2568.5		
15	QPSK	1	0	20.87	20.91	20.95	21.0	0
15	QPSK	1	37	20.88	20.88	20.88		
15	QPSK	36	0	20.00	20.02	20.02	21.0	0
15	QPSK	36	20	20.00	20.02	20.02		
15	QPSK	36	39	20.00	20.02	20.02		
15	16QAM	1	0	20.00	20.02	20.02	21.0	0
15	16QAM	1	37	20.00	19.88	19.88		
15	16QAM	36	0	19.00	19.02	19.02	20.0	0.5
15	16QAM	36	20	19.00	19.02	19.02		
15	16QAM	36	39	19.00	19.02	19.02		
15	64QAM	1	0	19.00	19.02	19.02	20.0	0.5
15	64QAM	1	37	19.00	18.88	18.88		
15	64QAM	36	0	18.00	18.02	18.02	19.0	1.0
15	64QAM	36	20	18.00	18.02	18.02		
15	64QAM	36	39	18.00	18.02	18.02		
15	256QAM	1	0	18.00	18.02	18.02	19.0	1.0
15	256QAM	1	37	18.00	17.88	17.88		
15	256QAM	36	0	17.00	17.02	17.02	18.0	3.0
15	256QAM	36	20	17.00	17.02	17.02		
15	256QAM	36	39	17.00	17.02	17.02		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				2500	2535	2570		
10	QPSK	1	0	20.87	20.91	20.95	21.0	0
10	QPSK	1	25	20.88	20.87	20.88		
10	QPSK	25	0	20.00	20.02	20.02	21.0	0
10	QPSK	25	13	20.00	20.02	20.02		
10	QPSK	25	25	20.00	20.02	20.02		
10	16QAM	1	0	20.00	20.02	20.02	21.0	0
10	16QAM	1	25	20.00	19.87	19.88		
10	16QAM	25	0	19.00	19.02	19.02	20.0	0.5
10	16QAM	25	13	19.00	19.02	19.02		
10	16QAM	25	25	19.00	19.02	19.02		
10	64QAM	1	0	19.00	19.02	19.02	20.0	0.5
10	64QAM	1	25	19.00	18.87	18.88		
10	64QAM	25	0	18.00	18.02	18.02	19.0	1.0
10	64QAM	25	13	18.00	18.02	18.02		
10	64QAM	25	25	18.00	18.02	18.02		
10	256QAM	1	0	18.00	18.02	18.02	19.0	1.0
10	256QAM	1	25	18.00	17.87	17.88		
10	256QAM	25	0	17.00	17.02	17.02	18.0	3.0
10	256QAM	25	13	17.00	17.02	17.02		
10	256QAM	25	25	17.00	17.02	17.02		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				2498.5	2535	2571.5		
5	QPSK	1	0	20.87	20.91	20.95	21.0	0
5	QPSK	1	12	20.88	20.67	20.67		
5	QPSK	12	0	20.00	20.02	20.02	21.0	0
5	QPSK	12	7	20.00	20.02	20.02		
5	QPSK	12	13	20.00	20.02	20.02		
5	16QAM	1	0	20.00	20.02	20.02	21.0	0
5	16QAM	1	12	20.00	19.67	19.67		
5	16QAM	12	0	19.00	19.02	19.02	20.0	0.5
5	16QAM	12	7	19.00	19.02	19.02		
5	16QAM	12	13	19.00	19.02	19.02		
5	64QAM	1	0	19.00	19.02	19.02	20.0	0.5
5	64QAM	1	12	19.00	18.67	18.67		
5	64QAM	12	0	18.00	18.02	18.02	19.0	1.0
5	64QAM	12	7	18.00	18.02	18.02		
5	64QAM	12	13	18.00	18.02	18.02		
5	256QAM	1	0	18.00	18.02	18.02	19.0	1.0
5	256QAM	1	12	18.00	17.67	17.67		
5	256QAM	12	0	17.00	17.02	17.02	18.0	3.0
5	256QAM	12	7	17.00	17.02	17.02		
5	256QAM	12	13	17.00	17.02	17.02		

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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				23060	23095	23130		
Frequency(MHz)				707.5	711	714.5		
10	QPSK	1	0	22.87	22.91	22.95	22.0	0
10	QPSK	1	25	22.10	22.10	22.05		
10	QPSK	25	0	21.00	21.02	21.02	22.0	0
10	QPSK	25	13	21.00	21.02	21.02		
10	QPSK	25	25	21.00	21.02	21.02		
10	16QAM	1	0	21.00	21.02	21.02	22.0	0
10	16QAM	1	25	21.00	20.02	20.02		
10	16QAM	25	0	20.00	20.02	20.02	21.0	0
10	16QAM	25	13	20.00	20.02	20.02		
10	16QAM	25	25	20.00	20.02	20.02		
10	64QAM	1	0	20.00	20.02	20.02	21.0	0
10	64QAM	1	25	20.00	19.02	19.02		
10	64QAM	25	0	19.00	19.02	19.02	20.0	0.5
10	64QAM	25	13	19.00	19.02	19.02		
10	64QAM	25	25	19.00	19.02	19.02		
10	256QAM	1	0	19.00	19.02	19.02	20.0	0.5
10	256QAM	1	25	19.00	18.02	18.02		
10	256QAM	25	0	18.00	18.02	18.02	19.0	3.0
10	256QAM	25	13	18.00	18.02	18.02		
10	256QAM	25	25	18.00	18.02	18.02		
Channel				23055	23095	23135	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				706.5	711	715.5		
5	QPSK	1	0	22.87	22.91	22.95	22.0	0
5	QPSK	1	12	22.00	20.12	20.00		
5	QPSK	12	0	21.00	21.02	21.02	22.0	0
5	QPSK	12	7	21.00	21.02	21.02		
5	QPSK	12	13	21.00	21.02	21.02		
5	QPSK	25	0	21.00	21.02	21.02	22.0	0
5	QPSK	25	7	21.00	21.02	21.02		
5	QPSK	25	13	21.00	21.02	21.02		
5	16QAM	1	0	21.00	21.02	21.02	22.0	0
5	16QAM	1	12	21.00	20.12	20.00		
5	16QAM	12	0	20.00	20.02	20.02	21.0	0
5	16QAM	12	7	20.00	20.02	20.02		
5	16QAM	12	13	20.00	20.02	20.02		
5	16QAM	25	0	20.00	20.02	20.02	21.0	0
5	16QAM	25	7	20.00	20.02	20.02		
5	16QAM	25	13	20.00	20.02	20.02		
5	64QAM	1	0	20.00	20.02	20.02	21.0	0
5	64QAM	1	12	20.00	19.12	19.00		
5	64QAM	12	0	19.00	19.02	19.02	20.0	0.5
5	64QAM	12	7	19.00	19.02	19.02		
5	64QAM	12	13	19.00	19.02	19.02		
5	64QAM	25	0	19.00	19.02	19.02	20.0	0.5
5	64QAM	25	7	19.00	19.02	19.02		
5	64QAM	25	13	19.00	19.02	19.02		
5	256QAM	1	0	19.00	19.02	19.02	20.0	0.5
5	256QAM	1	12	19.00	18.12	18.00		
5	256QAM	12	0	18.00	18.02	18.02	19.0	3.0
5	256QAM	12	7	18.00	18.02	18.02		
5	256QAM	12	13	18.00	18.02	18.02		
5	256QAM	25	0	18.00	18.02	18.02	19.0	3.0
5	256QAM	25	7	18.00	18.02	18.02		
5	256QAM	25	13	18.00	18.02	18.02		
Channel				23047	23095	23143	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				704.7	711	717.3		
3	QPSK	1	0	22.87	22.91	22.95	22.0	0
3	QPSK	1	14	22.00	20.12	20.00		
3	QPSK	14	0	21.00	21.02	21.02	22.0	0
3	QPSK	14	8	21.00	21.02	21.02		
3	QPSK	14	15	21.00	21.02	21.02		
3	QPSK	8	0	21.00	21.02	21.02	22.0	0
3	QPSK	8	8	21.00	21.02	21.02		
3	QPSK	8	15	21.00	21.02	21.02		
3	16QAM	1	0	21.00	21.02	21.02	22.0	0
3	16QAM	1	14	21.00	20.12	20.00		
3	16QAM	14	0	20.00	20.02	20.02	21.0	0
3	16QAM	14	8	20.00	20.02	20.02		
3	16QAM	14	15	20.00	20.02	20.02		
3	16QAM	8	0	20.00	20.02	20.02	21.0	0
3	16QAM	8	8	20.00	20.02	20.02		
3	16QAM	8	15	20.00	20.02	20.02		
3	64QAM	1	0	20.00	20.02	20.02	21.0	0
3	64QAM	1	14	20.00	19.12	19.00		
3	64QAM	14	0	19.00	19.02	19.02	20.0	0.5
3	64QAM	14	8	19.00	19.02	19.02		
3	64QAM	14	15	19.00	19.02	19.02		
3	64QAM	8	0	19.00	19.02	19.02	20.0	0.5
3	64QAM	8	8	19.00	19.02	19.02		
3	64QAM	8	15	19.00	19.02	19.02		
3	256QAM	1	0	19.00	19.02	19.02	20.0	0.5
3	256QAM	1	14	19.00	18.12	18.00		
3	256QAM	14	0	18.00	18.02	18.02	19.0	3.0
3	256QAM	14	8	18.00	18.02	18.02		
3	256QAM	14	15	18.00	18.02	18.02		
3	256QAM	8	0	18.00	18.02	18.02	19.0	3.0
3	256QAM	8	8	18.00	18.02	18.02		
3	256QAM	8	15	18.00	18.02	18.02		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				701.5	711	720.5		
1.4	QPSK	1	0	22.87	22.91	22.95	22.0	0
1.4	QPSK	1	5	22.10	20.12	21.00		
1.4	QPSK	5	0	21.00	21.02	21.02	22.0	0
1.4	QPSK	5	3	21.00	21.02	21.02		
1.4	QPSK	5	5	21.00	21.02	21.02		
1.4	16QAM	1	0	21.00	21.02	21.02	22.0	0
1.4	16QAM	1	5	21.00	20.12	21.00		
1.4	16QAM	5	0	20.00	20.02	20.02	21.0	0
1.4	16QAM	5	3	20.00	20.02	20.02		
1.4	16QAM	5	5	20.00	20.02	20.02		
1.4	64QAM	1	0	20.00	20.02	20.02	21.0	0
1.4	64QAM	1	5	20.00	19.12	20.00		
1.4	64QAM	5	0	19.00	19.02	19.02	20.0	0.5
1.4	64QAM	5	3	19.00	19.02	19.02		
1.4	64QAM	5	5	19.00	19.02	19.02		
1.4	256QAM	1	0	19.00	19.02	19.02	20.0	0.5
1.4	256QAM	1	5	19.00	18.12	19.00		
1.4	256QAM	5	0	18.00	18.02	18.02	19.0	3.0
1.4	256QAM	5	3	18.00	18.02	18.02		
1.4	256QAM	5	5	18.00	18.02	18.02		

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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				23060	23095	23130		
Frequency(MHz)				707.5	711	714.5		
10	QPSK	1	0	22.87	22.91	22.95	22.0	0
10	QPSK	1	25	23.00	23.00	23.00		
10	QPSK	25	0	22.00	22.02	22.02	23.0	0
10	QPSK	25	13	22.00	22.02	22.02		
10	QPSK	25	25	22.00	22.02	22.02		
10	16QAM	1	0	22.00	22.02	22.02	23.0	1
10	16QAM	1	25	22.00	22.02	22.02		
10	16QAM	25	0	21.00	21.02	21.02	22.0	1
10	16QAM	25	13	21.00	21.02	21.02		
10	16QAM	25	25	21.00	21.02	21.02		
10	64QAM	1	0	21.00	21.02	21.02	22.0	2
10	64QAM	1	25	21.00	21.02	21.02		
10	64QAM	25	0	20.00	20.02	20.02	21.0	2
10	64QAM	25	13	20.00	20.02	20.02		
10	64QAM	25	25	20.00	20.02	20.02		
10	256QAM	1	0	20.00	20.02	20.02	21.0	3
10	256QAM	1	25	20.00	19.12	19.00		
10	256QAM	25	0	19.00	19.02	19.02	20.0	5
10	256QAM	25	13	19.00	19.02	19.02		
10	256QAM	25	25	19.00	19.02	19.02		
Channel				23055	23095	23135	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				706.5	711	715.5		
5	QPSK	1	0	22.87	22.91	22.95	22.0	0
5	QPSK	1	12	22.66	22.91	23.00		
5	QPSK	12	0	22.00	22.02	22.02	23.0	0
5	QPSK	12	7	22.00	22.02	22.02		
5	QPSK	12	13	22.00	22.02	22.02		
5	16QAM	1	0	22.00	22.02	22.02	23.0	1
5	16QAM	1	12	22.00	22.12	22.00		
5	16QAM	12	0	21.00	21.02	21.02	22.0	1
5	16QAM	12	7	21.00	21.02	21.02		
5	16QAM	12	13	21.00	21.02	21.02		
5	64QAM	1	0	21.00	21.02	21.02	22.0	2
5	64QAM	1	12	21.00	21.12	21.00		
5	64QAM	12	0	20.00	20.02	20.02	21.0	2
5	64QAM	12	7	20.00	20.02	20.02		
5	64QAM	12	13	20.00	20.02	20.02		
5	256QAM	1	0	20.00	20.02	20.02	21.0	3
5	256QAM	1	12	20.00	19.12	19.00		
5	256QAM	12	0	19.00	19.02	19.02	20.0	5
5	256QAM	12	7	19.00	19.02	19.02		
5	256QAM	12	13	19.00	19.02	19.02		
Channel				23047	23095	23143	Tune-up limit (dBm)	MPR (dB)
Frequency(MHz)				704.7	711	717.3		
3	QPSK	1	0	22.87	22.91	22.95	22.0	0
3	QPSK	1	14	23.00	23.00	23.00		
3	QPSK	14	0	22.00	22.02	22.02	23.0	0
3	QPSK	14	8	22.00	22.02	22.02		
3	QPSK	14	15	22.00	22.02	22.02		
3	QPSK	8	0	22.00	22.02	22.02	23.0	1
3	QPSK	8	8	22.00	22.02	22.02		
3	QPSK	8	15	22.00	22.02	22.02		
3	16QAM	1	0	22.00	22.02	22.02	23.0	1
3	16QAM	1	14	22.00	22.12	22.00		
3	16QAM	14	0	21.00	21.02	21.02	22.0	1
3	16QAM	14	8	21.00	21.02	21.02		
3	16QAM	14	15	21.00	21.02	21.02		
3	16QAM	8	0	21.00	21.02	21.02	22.0	2
3	16QAM	8	8	21.00	21.02	21.02		
3	16QAM	8	15	21.00	21.02	21.02		
3	64QAM	1	0	21.00	21.02	21.02	22.0	2
3	64QAM	1	14	21.00	21.12	21.00		
3	64QAM	14	0	20.00	20.02	20.02	21.0	2
3	64QAM	14	8	20.00	20.02	20.02		
3	64QAM	14	15	20.00	20.02	20.02		
3	64QAM	8	0	20.00	20.02	20.02	21.0	3
3	64QAM	8	8	20.00	20.02	20.02		
3	64QAM	8	15	20.00	20.02	20.02		
3	256QAM	1	0	20.00	20.02	20.02	21.0	3
3	256QAM	1	14	20.00	19.12	19.00		
3	256QAM	14	0	19.00	19.02	19.02	20.0	5
3	256QAM	14	8	19.00	19.02	19.02		
3	256QAM	14	15	19.00	19.02	19.02	

Band 13_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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.28		23.8	0
10	QPSK	1	25		23.20			
10	QPSK	1	49		23.03			
10	QPSK	25	0		22.80		23.3	0.5
10	QPSK	25	12		22.78			
10	QPSK	25	25		22.73			
10	QPSK	50	0		22.76			
10	16QAM	1	0		23.18		23.3	0.5
10	16QAM	1	25		23.11			
10	16QAM	1	49		23.06			
10	16QAM	25	0		21.79		22.3	1.5
10	16QAM	25	12		21.81			
10	16QAM	25	25		21.75			
10	16QAM	50	0		21.75			
10	64QAM	1	0		21.97		22.3	1.5
10	64QAM	1	25		22.06			
10	64QAM	1	49		22.00			
10	64QAM	25	0		20.80		21.3	2.5
10	64QAM	25	12		20.82			
10	64QAM	25	25		20.74			
10	64QAM	50	0		20.76			
10	256QAM	1	0		18.80		19.3	4.5
10	256QAM	1	25		18.77			
10	256QAM	1	49		18.75			
10	256QAM	25	0		18.70		19.3	4.5
10	256QAM	25	12		18.79			
10	256QAM	25	25		18.82			
10	256QAM	50	0		18.75			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.24	23.23	23.20	23.8	0
5	QPSK	1	12	23.26	23.22	23.24		
5	QPSK	1	24	23.23	23.24	23.12		
5	QPSK	12	0	22.78	22.74	22.76	23.3	0.5
5	QPSK	12	7	22.86	22.73	22.78		
5	QPSK	12	13	22.82	22.72	22.75		
5	QPSK	25	0	22.84	22.73	22.76		
5	16QAM	1	0	23.03	23.10	23.12	23.3	0.5
5	16QAM	1	12	23.20	23.12	23.17		
5	16QAM	1	24	23.15	23.11	23.15		
5	16QAM	12	0	21.78	21.83	21.81	22.3	1.5
5	16QAM	12	7	21.97	21.79	21.84		
5	16QAM	12	13	21.86	21.80	21.84		
5	16QAM	25	0	21.84	21.75	21.79		
5	64QAM	1	0	21.95	22.10	22.04	22.3	1.5
5	64QAM	1	12	22.07	22.19	21.93		
5	64QAM	1	24	22.08	22.15	22.02		
5	64QAM	12	0	20.84	20.79	20.81	21.3	2.5
5	64QAM	12	7	20.94	20.81	20.82		
5	64QAM	12	13	20.90	20.79	20.79		
5	64QAM	25	0	20.83	20.76	20.80		
5	256QAM	1	0	18.61	18.73	18.79	19.3	4.5
5	256QAM	1	12	18.58	18.58	18.65		
5	256QAM	1	24	18.75	18.75	18.69		
5	256QAM	12	0	18.68	18.55	18.64	19.3	4.5
5	256QAM	12	7	18.63	18.68	18.65		
5	256QAM	12	13	18.64	18.70	18.68		
5	256QAM	25	0	18.67	18.71	18.63		

Band 13_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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.95		24.8	0
10	QPSK	1	25		23.90			
10	QPSK	1	49		23.89			
10	QPSK	25	0		22.99		23.8	1
10	QPSK	25	12		22.97			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.95			
10	16QAM	1	0		23.20		23.8	1
10	16QAM	1	25		23.22			
10	16QAM	1	49		23.24			
10	16QAM	25	0		22.00		22.8	2
10	16QAM	25	12		21.99			
10	16QAM	25	25		21.96			
10	16QAM	50	0		21.97			
10	64QAM	1	0		22.15		22.8	2
10	64QAM	1	25		22.21			
10	64QAM	1	49		22.14			
10	64QAM	25	0		21.01		21.8	3
10	64QAM	25	12		20.98			
10	64QAM	25	25		20.91			
10	64QAM	50	0		20.95			
10	256QAM	1	0		19.06		19.8	5
10	256QAM	1	25		19.02			
10	256QAM	1	49		19.00			
10	256QAM	25	0		18.95		19.8	5
10	256QAM	25	12		19.00			
10	256QAM	25	25		18.88			
10	256QAM	50	0		18.94			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.80	23.84	23.76	24.8	0
5	QPSK	1	12	23.88	23.91	23.83		
5	QPSK	1	24	23.85	23.81	23.68		
5	QPSK	12	0	22.82	22.81	22.86	23.8	1
5	QPSK	12	7	22.95	22.85	22.88		
5	QPSK	12	13	22.90	22.80	22.84		
5	QPSK	25	0	22.92	22.82	22.83		
5	16QAM	1	0	23.20	23.06	23.22	23.8	1
5	16QAM	1	12	23.30	23.25	23.27		
5	16QAM	1	24	23.22	23.14	23.06		
5	16QAM	12	0	21.85	21.86	21.90	22.8	2
5	16QAM	12	7	21.98	21.88	21.96		
5	16QAM	12	13	21.99	21.87	21.93		
5	16QAM	25	0	21.94	21.85	21.85		
5	64QAM	1	0	22.09	22.18	22.08	22.8	2
5	64QAM	1	12	22.19	22.16	22.02		
5	64QAM	1	24	22.17	22.08	22.06		
5	64QAM	12	0	20.86	20.86	20.91	21.8	3
5	64QAM	12	7	20.96	20.87	20.92		
5	64QAM	12	13	20.99	20.84	20.93		
5	64QAM	25	0	20.95	20.85	20.85		
5	256QAM	1	0	18.99	19.01	18.99	19.8	5
5	256QAM	1	12	19.00	19.00	18.87		
5	256QAM	1	24	18.85	18.99	18.86		
5	256QAM	12	0	18.81	18.84	18.81	19.8	5
5	256QAM	12	7	18.84	18.89	18.94		
5	256QAM	12	13	18.74	18.82	18.83		
5	256QAM	25	0	18.75	18.89	18.80		

Band 17_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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.11	22.19	22.09	22.8	0
10	QPSK	1	25	21.97	22.12	21.94		
10	QPSK	1	49	22.05	22.04	22.01		
10	QPSK	25	0	22.00	22.06	22.06	22.8	0
10	QPSK	25	12	22.00	22.09	21.95		
10	QPSK	25	25	22.03	22.08	21.93		
10	QPSK	50	0	22.07	22.15	21.97		
10	16QAM	1	0	22.02	22.10	21.98	22.8	0
10	16QAM	1	25	22.06	22.02	22.06		
10	16QAM	1	49	22.08	22.05	21.94		
10	16QAM	25	0	21.73	21.75	21.75	22.3	0.5
10	16QAM	25	12	21.86	21.81	21.81		
10	16QAM	25	25	21.84	21.84	21.86		
10	16QAM	50	0	21.79	21.75	21.76		
10	64QAM	1	0	21.81	21.86	21.91	22.3	0.5
10	64QAM	1	25	21.95	22.13	22.08		
10	64QAM	1	49	22.03	22.03	21.95		
10	64QAM	25	0	20.71	20.71	20.72	21.3	1.5
10	64QAM	25	12	20.81	20.77	20.79		
10	64QAM	25	25	20.77	20.83	20.85		
10	64QAM	50	0	20.81	20.72	20.73		
10	256QAM	1	0	18.71	18.75	18.70	19.3	3.5
10	256QAM	1	25	18.54	18.72	18.61		
10	256QAM	1	49	18.74	18.77	18.73		
10	256QAM	25	0	18.52	18.70	18.60	19.3	3.5
10	256QAM	25	12	18.63	18.79	18.71		
10	256QAM	25	25	18.80	18.80	18.79		
10	256QAM	50	0	18.66	18.74	18.61		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.05	22.10	21.99	22.8	0
5	QPSK	1	12	21.96	22.15	21.96		
5	QPSK	1	24	22.01	22.08	21.99		
5	QPSK	12	0	22.00	22.06	21.86	22.8	0
5	QPSK	12	7	21.89	21.96	21.89		
5	QPSK	12	13	21.99	21.95	21.91		
5	QPSK	25	0	22.01	21.91	21.91		
5	16QAM	1	0	21.94	22.09	21.98	22.8	0
5	16QAM	1	12	22.02	22.03	21.97		
5	16QAM	1	24	22.07	22.01	21.85		
5	16QAM	12	0	21.72	21.73	21.73	22.3	0.5
5	16QAM	12	7	21.83	21.79	21.89		
5	16QAM	12	13	21.80	21.86	21.84		
5	16QAM	25	0	21.77	21.72	21.77		
5	64QAM	1	0	22.07	21.96	21.93	22.3	0.5
5	64QAM	1	12	22.04	21.99	22.04		
5	64QAM	1	24	22.07	21.94	21.96		
5	64QAM	12	0	20.66	20.74	20.72	21.3	1.5
5	64QAM	12	7	20.80	20.79	20.88		
5	64QAM	12	13	20.76	20.82	20.83		
5	64QAM	25	0	20.77	20.72	20.70		
5	256QAM	1	0	18.55	18.59	18.70	19.3	3.5
5	256QAM	1	12	18.36	18.64	18.45		
5	256QAM	1	24	18.58	18.61	18.69		
5	256QAM	12	0	18.45	18.59	18.59	19.3	3.5
5	256QAM	12	7	18.50	18.68	18.58		
5	256QAM	12	13	18.66	18.74	18.61		
5	256QAM	25	0	18.50	18.56	18.59		

Band 17_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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.82	23.99	23.80	24.8	0
10	QPSK	1	25	23.80	23.85	23.76		
10	QPSK	1	49	23.77	23.92	23.75		
10	QPSK	25	0	22.89	22.99	22.97	23.8	1
10	QPSK	25	12	22.81	22.95	22.96		
10	QPSK	25	25	22.86	22.89	22.90		
10	QPSK	50	0	22.93	22.97	22.94		
10	16QAM	1	0	23.26	23.20	23.20	23.8	1
10	16QAM	1	25	23.25	23.11	23.30		
10	16QAM	1	49	23.27	23.26	23.23		
10	16QAM	25	0	21.88	21.89	21.92	22.8	2
10	16QAM	25	12	22.03	21.95	21.97		
10	16QAM	25	25	22.03	22.04	22.05		
10	16QAM	50	0	21.99	21.95	21.98		
10	64QAM	1	0	22.08	22.07	22.12	22.8	2
10	64QAM	1	25	22.09	22.10	22.27		
10	64QAM	1	49	22.14	22.27	22.27		
10	64QAM	25	0	20.87	20.88	21.00	21.8	3
10	64QAM	25	12	21.05	20.93	20.96		
10	64QAM	25	25	20.99	21.01	21.02		
10	64QAM	50	0	20.98	20.92	20.94		
10	256QAM	1	0	18.89	18.96	18.86	19.8	5
10	256QAM	1	25	18.89	18.92	18.87		
10	256QAM	1	49	18.87	18.88	18.72		
10	256QAM	25	0	18.84	18.84	18.71	19.8	5
10	256QAM	25	12	18.96	19.00	18.99		
10	256QAM	25	25	18.76	18.90	18.74		
10	256QAM	50	0	18.75	18.87	18.80		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.73	23.82	23.75	24.8	0
5	QPSK	1	12	23.85	23.88	23.85		
5	QPSK	1	24	23.79	23.78	23.81		
5	QPSK	12	0	22.78	22.77	22.80	23.8	1
5	QPSK	12	7	22.88	22.81	22.91		
5	QPSK	12	13	22.85	22.88	22.91		
5	QPSK	25	0	22.84	22.79	22.80		
5	16QAM	1	0	23.21	23.15	23.09	23.8	1
5	16QAM	1	12	23.27	23.27	23.30		
5	16QAM	1	24	23.13	23.02	23.29		
5	16QAM	12	0	21.82	21.84	21.83	22.8	2
5	16QAM	12	7	21.92	21.90	21.99		
5	16QAM	12	13	21.95	21.96	21.98		
5	16QAM	25	0	21.86	21.83	21.83		
5	64QAM	1	0	21.94	21.92	22.08	22.8	2
5	64QAM	1	12	22.02	22.07	22.19		
5	64QAM	1	24	22.05	22.05	22.02		
5	64QAM	12	0	20.77	20.81	20.90	21.8	3
5	64QAM	12	7	20.94	20.90	20.92		
5	64QAM	12	13	20.93	20.97	20.92		
5	64QAM	25	0	20.85	20.81	20.86		
5	256QAM	1	0	18.85	18.92	18.67	19.8	5
5	256QAM	1	12	18.81	18.82	18.85		
5	256QAM	1	24	18.70	18.80	18.72		
5	256QAM	12	0	18.68	18.68	18.55	19.8	5
5	256QAM	12	7	18.81	18.83	18.85		
5	256QAM	12	13	18.67	18.81	18.67		
5	256QAM	25	0	18.64	18.80	18.77		

Band 25_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				26140	26440	26690		
Frequency (MHz)				1851.5	1881.5	1906.5		
20	QPSK	1	0	20.71	20.72	20.75	20.9	0
20	QPSK	1	49	20.48	20.74	20.71		
20	QPSK	50	0	19.37	19.62	19.61	20.0	0
20	QPSK	50	24	19.37	19.61	19.58		
20	QPSK	50	50	19.39	19.64	19.61		
20	16QAM	1	0	19.39	19.67	19.64	20.0	0
20	16QAM	1	49	19.39	19.58	19.56		
20	16QAM	50	0	18.37	18.61	18.61	19.0	0
20	16QAM	50	24	18.37	18.61	18.58		
20	16QAM	50	50	18.39	18.61	18.61		
20	64QAM	1	0	18.41	18.67	18.64	19.0	0
20	64QAM	1	49	18.41	18.67	18.64		
20	64QAM	50	0	18.39	18.64	18.65	19.0	0.5
20	64QAM	50	24	18.39	18.64	18.65		
20	64QAM	50	50	18.39	18.64	18.65		
20	256QAM	1	0	17.49	17.69	17.67	18.4	2.5
20	256QAM	1	49	17.53	17.73	17.67		
20	256QAM	50	0	17.49	17.69	17.68	18.4	2.5
20	256QAM	50	24	17.49	17.69	17.68		
20	256QAM	50	50	17.49	17.69	17.67		
Channel				26115	26440	26715		
Frequency (MHz)				1848.5	1881.5	1908.5		
15	QPSK	1	0	20.71	20.71	20.75	20.9	0
15	QPSK	1	37	19.42	20.51	20.56		
15	QPSK	1	74	20.71	20.71	20.75		
15	QPSK	36	0	20.71	20.71	20.75	20.9	0
15	QPSK	36	20	20.45	20.51	20.56		
15	QPSK	36	39	20.71	20.71	20.75		
15	QPSK	75	0	20.71	20.69	20.75	20.9	0
15	QPSK	75	38	20.71	20.69	20.75		
15	QPSK	75	75	20.71	20.69	20.75		
15	16QAM	1	0	19.71	19.71	19.75	20.0	0
15	16QAM	1	37	18.42	19.51	19.56		
15	16QAM	1	74	19.71	19.71	19.75		
15	16QAM	36	0	19.71	19.71	19.75	20.0	0
15	16QAM	36	20	19.45	19.51	19.56		
15	16QAM	36	39	19.71	19.71	19.75		
15	16QAM	75	0	19.71	19.69	19.75	20.0	0
15	16QAM	75	38	19.71	19.69	19.75		
15	16QAM	75	75	19.71	19.69	19.75		
15	64QAM	1	0	18.71	18.71	18.75	19.0	0
15	64QAM	1	37	18.42	18.51	18.56		
15	64QAM	1	74	18.71	18.71	18.75		
15	64QAM	36	0	18.71	18.71	18.75	19.0	0.5
15	64QAM	36	20	18.45	18.51	18.56		
15	64QAM	36	39	18.71	18.71	18.75		
15	64QAM	75	0	18.71	18.69	18.75	19.0	0.5
15	64QAM	75	38	18.71	18.69	18.75		
15	64QAM	75	75	18.71	18.69	18.75		
15	256QAM	1	0	17.71	17.71	17.75	18.4	2.5
15	256QAM	1	37	17.42	17.51	17.56		
15	256QAM	1	74	17.71	17.71	17.75		
15	256QAM	36	0	17.71	17.71	17.75	18.4	2.5
15	256QAM	36	20	17.45	17.51	17.56		
15	256QAM	36	39	17.71	17.71	17.75		
Channel				26090	26440	26790		
Frequency (MHz)				1846.5	1881.5	1916.5		
10	QPSK	1	0	20.71	20.71	20.75	20.9	0
10	QPSK	1	24	19.42	20.51	20.56		
10	QPSK	1	49	20.71	20.71	20.75		
10	QPSK	25	0	20.71	20.71	20.75	20.9	0
10	QPSK	25	13	20.51	20.51	20.56		
10	QPSK	25	25	20.71	20.71	20.75		
10	QPSK	50	0	20.69	20.69	20.75	20.9	0
10	QPSK	50	12	20.69	20.69	20.75		
10	QPSK	50	50	20.69	20.69	20.75		
10	16QAM	1	0	19.71	19.71	19.75	20.0	0
10	16QAM	1	24	18.42	19.51	19.56		
10	16QAM	1	49	19.71	19.71	19.75		
10	16QAM	25	0	19.71	19.71	19.75	20.0	0
10	16QAM	25	13	19.51	19.51	19.56		
10	16QAM	25	25	19.71	19.71	19.75		
10	16QAM	50	0	19.69	19.69	19.75	20.0	0
10	16QAM	50	12	19.69	19.69	19.75		
10	16QAM	50	50	19.69	19.69	19.75		
10	64QAM	1	0	18.71	18.71	18.75	19.0	0.5
10	64QAM	1	24	18.42	18.51	18.56		
10	64QAM	1	49	18.71	18.71	18.75		
10	64QAM	25	0	18.71	18.71	18.75	19.0	0.5
10	64QAM	25	13	18.51	18.51	18.56		
10	64QAM	25	25	18.71	18.71	18.75		
10	64QAM	50	0	18.69	18.69	18.75	19.0	0.5
10	64QAM	50	12	18.69	18.69	18.75		
10	64QAM	50	50	18.69	18.69	18.75		
10	256QAM	1	0	17.71	17.71	17.75	18.4	2.5
10	256QAM	1	24	17.42	17.51	17.56		
10	256QAM	1	49	17.71	17.71	17.75		
10	256QAM	25	0	17.71	17.71	17.75	18.4	2.5
10	256QAM	25	13	17.51	17.51	17.56		
10	256QAM	25	25	17.71	17.71	17.75		
10	256QAM	50	0	17.69	17.69	17.75	18.4	2.5
10	256QAM	50	12	17.69	17.69	17.75		
10	256QAM	50	50	17.69	17.69	17.75		
Channel				26065	26440	26815		
Frequency (MHz)				1844.5	1881.5	1918.5		
5	QPSK	1	0	20.71	20.71	20.75	20.9	0
5	QPSK	1	12	19.42	20.51	20.56		
5	QPSK	1	24	20.71	20.71	20.75		
5	QPSK	13	0	20.71	20.71	20.75	20.9	0
5	QPSK	13	7	20.51	20.51	20.56		
5	QPSK	13	13	20.71	20.71	20.75		
5	QPSK	25	0	20.71	20.69	20.75	20.9	0
5	QPSK	25	6	20.69	20.69	20.75		
5	QPSK	25	25	20.71	20.69	20.75		
5	16QAM	1	0	19.71	19.71	19.75	20.0	0
5	16QAM	1	12	18.42	19.51	19.56		
5	16QAM	1	24	19.71	19.71	19.75		
5	16QAM	13	0	19.71	19.71	19.75	20.0	0
5	16QAM	13	7	19.51	19.51	19.56		
5	16QAM	13	13	19.71	19.71	19.75		
5	16QAM	25	0	19.71	19.69	19.75	20.0	0
5	16QAM	25	6	19.69	19.69	19.75		
5	16QAM	25	25	19.71	19.69	19.75		
5	64QAM	1	0	18.71	18.71	18.75	19.0	0.5
5	64QAM	1	12	18.42	18.51	18.56		
5	64QAM	1	24	18.71	18.71	18.75		
5	64QAM	13	0	18.71	18.71	18.75	19.0	0.5
5	64QAM	13	7	18.51	18.51	18.56		
5	64QAM	13	13	18.71	18.71	18.75		
5	64QAM	25	0	18.71	18.69	18.75	19.0	0.5
5	64QAM	25	6	18.69	18.69	18.75		
5	64QAM	25	25	18.71	18.69	18.75		
5	256QAM	1	0	17.71	17.71	17.75	18.4	2.5
5	256QAM	1	12	17.42	17.51	17.56		
5	256QAM	1	24	17.71	17.71	17.75		
5	256QAM	13	0	17.71	17.71	17.75	18.4	2.5
5	256QAM	13	7	17.51	17.51	17.56		
5	256QAM	13	13	17.71	17.71	17.75		
5	256QAM	25	0	17.71	17.69	17.75	18.4	2.5
5	256QAM	25	6	17.69	17.69	17.75		
5	256QAM	25	25	17.71	17.69	17.75		
Channel				26041	26440	26839		
Frequency (MHz)				1842.5	1881.5	1920.5		
3	QPSK	1	0	19.56	19.69	20.01	20.0	0
3	QPSK	1	7	19.56	19.69	20.01		
3	QPSK	1	14	19.56	19.69	20.01		
3	QPSK	8	0	19.56	20.14	20.55	20.9	0
3	QPSK	8	4	19.56	20.14	20.55		
3	QPSK	8	8	19.56	20.14	20.55		
3	QPSK	15	0	19.56	20.14	20.55	20.9	0
3	QPSK	15	3	19.56	20.14	20.55		
3	QPSK	15	7	19.56	20.14	20.55		
3	16QAM	1	0	18.56	18.69	19.01	20.0	0
3	16QAM	1	7	18.56	18.69	19.01		
3	16QAM	1	14	18.56	18.69	19.01		
3	16QAM	8	0	18.56	19.14	19.55	20.0	0
3	16QAM	8	4	18.56	19.14	19.55		
3	16QAM	8	8	18.56	19.14	19.55		
3	16QAM	15	0	18.56	19.14	19.55	20.0	0
3	16QAM	15	3	18.56	19.14	19.55		
3	16QAM	15	7	18.56	19.14	19.55		
3	64QAM	1	0	17.56	17.69	18.01	19.0	0.5
3	64QAM	1	7	17.56	17.69	18.01		
3	64QAM	1	14	17.56	17.69	18.01		
3	64QAM	8	0	17.56	18.14	18.55	19.0	0.5
3	64QAM	8	4	17.56	18.14	18.55		
3	64QAM	8	8	17.56	18.14	18.55		
3	64QAM	15	0	17.56	18.14	18.55	19.0	0.5
3	64QAM	15	3	17.56	18.14	18.55		
3	64QAM	15	7	17.56	18.14	18.55		
3	256QAM	1	0	16.56	16.69	17.01	18.4	2.5
3	256QAM	1	7	16.56	16.69	17.01		
3	256QAM	1	14	16.56	16.69	17.01		
3	256QAM	8	0	16.56	17.14	17.55	18.4	2.5
3	256QAM	8	4	16.56	17.14	17.55		
3	256QAM	8	8	16.56	17.14	17.55		
3	256QAM	15	0	16.56	17.14	17.55	18.4	2.5
3	256QAM	15	3	16.56	17.14	17.55		
3	256QAM	15	7	16.56	17.14	17.55		
Channel				26017	26440	26863		
Frequency (MHz)				1841.5	1881.5	1921.5		
1.4	QPSK	1	0	20.01	20.19	20.41	20.9	0
1.4	QPSK	1	3	19.56	19.67	20.02		
1.4	QPSK	1	5	20.01	20.19	20.41		
1.4	QPSK	3	0	19.56	19.67	20.02	20.9	0
1.4	QPSK	3	2	19.56	19.67	20.02		
1.4	QPSK	3	3	19.56	19.67	20.02		
1.4	QPSK	6	0	19.56	19.67	20.02	20.9	0
1.4	QPSK	6	1	19.56	19.67	20.02		
1.4	QPSK	6	5	19.56	19.67	20.02		
1.4	16QAM	1	0	19.01	19.19	19.41	20.0	0
1.4	16QAM	1	3	18.56	18.67	19.02		
1.4	16QAM	1	5	19.01	19.19	19.41		
1.4	16QAM	3	0	18.56	18.67	19.02	20.0	0
1.4	16QAM	3	2	18.56	18.67	19.02		
1.4	16QAM	3	3	18.56	18.67	19.02		
1.4	16QAM	6	0	18.56	18.67	19.02	20.0	0
1.4	16QAM	6	1	18.56	18.67	19.02		
1.4	16QAM	6	5	18.56	18.67	19.02		
1.4	64QAM	1	0	18.01	18.19	18.41	19.0	0.5
1.4	64QAM	1	3	17.56	17.67	18.02		
1.4	64QAM	1	5	18.01	18.19	18.41		
1.4	64QAM	3	0	17.56	17.67	18.02	19.0	0.5
1.4	64QAM	3	2	17.56	17.67	18.02		
1.4	64QAM	3	3	17.56	17.67	18.02		
1.4	64QAM	6	0	17.56	17.67	18.02	19.0	0.5
1.4	64QAM	6	1	17.56	17.67	18.02		
1.4	64QAM	6	5	17.56	17.67	18.02		
1.4	256QAM	1	0	17.01	17.19	17.41	18.4	2.5
1.4	256QAM	1	3	16.56	16.67	17.02		
1.4	256QAM	1	5	17.01	17.19	17.41		
1.4	256QAM	3	0	16.56	16.67	17.02	18.4	2.5
1.4	256QAM	3	2	16.56	16.67	17.02		
1.4	256QAM	3	3	16.56	16.67	17.02		
1.4	256QAM	6	0	16.56	16.67	17.02	18.4	2.5
1.4	256QAM	6	1	16.56	16.67	17.02		
1.4	256QAM	6	5	16.56	16.67	17.02		

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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				26140	26440	26690		
Frequency (MHz)				1851.5	1881.5	1906.5		
20	QPSK	1	0	19.71	19.71	19.75	20.0	0
20	QPSK	1	49	19.68	19.75	19.65		
20	QPSK	50	0	18.71	18.71	18.75	19.0	0
20	QPSK	50	24	18.71	18.71	18.65		
20	QPSK	50	50	18.71	18.71	18.65		
20	16QAM	1	0	18.71	18.71	18.75	19.0	0
20	16QAM	1	49	18.68	18.75	18.65		
20	16QAM	50	0	17.71	17.71	17.75	18.0	0
20	16QAM	50	24	17.71	17.71	17.65		
20	16QAM	50	50	17.71	17.71	17.65		
20	64QAM	1	0	17.71	17.71	17.75	18.0	0
20	64QAM	1	49	17.71	17.71	17.65		
20	64QAM	50	0	17.71	17.71	17.75	18.0	0
20	64QAM	50	24	17.71	17.71	17.65		
20	64QAM	50	50	17.71	17.71	17.65		
20	256QAM	1	0	16.71	16.71	16.75	17.4	1
20	256QAM	1	49	16.71	16.71	16.65		
20	256QAM	50	0	16.71	16.71	16.75	17.4	1
20	256QAM	50	24	16.71	16.71	16.65		
20	256QAM	50	50	16.71	16.71	16.65		
Channel				26115	26440	26715		
Frequency (MHz)				1848.5	1881.5	1908.5		
15	QPSK	1	0	19.71	19.71	19.75	20.0	0
15	QPSK	1	37	19.68	19.71	19.65		
15	QPSK	1	74	19.71	19.71	19.75		
15	QPSK	36	0	19.71	19.71	19.75	20.0	0
15	QPSK	36	20	19.68	19.71	19.65		
15	QPSK	36	39	19.71	19.71	19.75		
15	QPSK	75	0	19.71	19.69	19.75	20.0	0
15	QPSK	75	38	19.71	19.69	19.75		
15	QPSK	75	75	19.71	19.69	19.75		
15	16QAM	1	0	18.71	18.71	18.75	19.0	0
15	16QAM	1	37	18.68	18.71	18.65		
15	16QAM	1	74	18.71	18.71	18.75		
15	16QAM	36	0	18.71	18.71	18.75	19.0	0
15	16QAM	36	20	18.68	18.71	18.65		
15	16QAM	36	39	18.71	18.71	18.75		
15	16QAM	75	0	18.71	18.69	18.75	19.0	0
15	16QAM	75	38	18.71	18.69	18.75		
15	16QAM	75	75	18.71	18.69	18.75		
15	64QAM	1	0	17.71	17.71	17.75	18.0	0.5
15	64QAM	1	37	17.68	17.71	17.65		
15	64QAM	1	74	17.71	17.71	17.75		
15	64QAM	36	0	17.71	17.71	17.75	18.0	0.5
15	64QAM	36	20	17.68	17.71	17.65		
15	64QAM	36	39	17.71	17.71	17.75		
15	64QAM	75	0	17.71	17.69	17.75	18.0	0.5
15	64QAM	75	38	17.71	17.69	17.75		
15	64QAM	75	75	17.71	17.69	17.75		
15	256QAM	1	0	16.71	16.71	16.75	17.4	2.5
15	256QAM	1	37	16.68	16.71	16.65		
15	256QAM	1	74	16.71	16.71	16.75		
15	256QAM	36	0	16.71	16.71	16.75	17.4	2.5
15	256QAM	36	20	16.68	16.71	16.65		
15	256QAM	36	39	16.71	16.71	16.75		
15	256QAM	75	0	16.71	16.69	16.75	17.4	2.5
15	256QAM	75	38	16.71	16.69	16.75		
15	256QAM	75	75	16.71	16.69	16.75		
Channel				26090	26440	26790		
Frequency (MHz)				1846.5	1881.5	1916.5		
10	QPSK	1	0	19.71	19.71	19.75	20.0	0
10	QPSK	1	24	19.68	19.71	19.65		
10	QPSK	1	49	19.71	19.71	19.75		
10	QPSK	25	0	19.71	19.71	19.75	20.0	0
10	QPSK	25	13	19.71	19.71	19.65		
10	QPSK	25	25	19.71	19.71	19.75		
10	QPSK	50	0	19.71	19.69	19.75	20.0	0
10	QPSK	50	12	19.71	19.69	19.75		
10	QPSK	50	50	19.71	19.69	19.75		
10	16QAM	1	0	18.71	18.71	18.75	19.0	0
10	16QAM	1	24	18.68	18.71	18.65		
10	16QAM	1	49	18.71	18.71	18.75		
10	16QAM	25	0	18.71	18.71	18.75	19.0	0
10	16QAM	25	13	18.71	18.71	18.65		
10	16QAM	25	25	18.71	18.71	18.75		
10	16QAM	50	0	18.71	18.69	18.75	19.0	0
10	16QAM	50	12	18.71	18.69	18.75		
10	16QAM	50	50	18.71	18.69	18.75		
10	64QAM	1	0	17.71	17.71	17.75	18.0	0.5
10	64QAM	1	24	17.68	17.71	17.65		
10	64QAM	1	49	17.71	17.71	17.75		
10	64QAM	25	0	17.71	17.71	17.75	18.0	0.5
10	64QAM	25	13	17.71	17.71	17.65		
10	64QAM	25	25	17.71	17.71	17.75		
10	64QAM	50	0	17.71	17.69	17.75	18.0	0.5
10	64QAM	50	12	17.71	17.69	17.75		
10	64QAM	50	50	17.71	17.69	17.75		
10	256QAM	1	0	16.71	16.71	16.75	17.4	2.5
10	256QAM	1	24	16.68	16.71	16.65		
10	256QAM	1	49	16.71	16.71	16.75		
10	256QAM	25	0	16.71	16.71	16.75	17.4	2.5
10	256QAM	25	13	16.71	16.71	16.65		
10	256QAM	25	25	16.71	16.71	16.75		
10	256QAM	50	0	16.71	16.69	16.75	17.4	2.5
10	256QAM	50	12	16.71	16.69	16.75		
10	256QAM	50	50	16.71	16.69	16.75		
Channel				26065	26440	26815		
Frequency (MHz)				1844.5	1881.5	1918.5		
5	QPSK	1	0	19.71	19.71	19.75	20.0	0
5	QPSK	1	12	19.68	19.71	19.65		
5	QPSK	1	24	19.71	19.71	19.75		
5	QPSK	13	0	19.71	19.71	19.75	20.0	0
5	QPSK	13	7	19.71	19.71	19.65		
5	QPSK	13	13	19.71	19.71	19.75		
5	QPSK	25	0	19.71	19.69	19.75	20.0	0
5	QPSK	25	6	19.69	19.69	19.75		
5	QPSK	25	25	19.71	19.69	19.75		
5	16QAM	1	0	18.71	18.71	18.75	19.0	0
5	16QAM	1	12	18.68	18.71	18.65		
5	16QAM	1	24	18.71	18.71	18.75		
5	16QAM	13	0	18.71	18.71	18.75	19.0	0
5	16QAM	13	7	18.71	18.71	18.65		
5	16QAM	13	13	18.71	18.71	18.75		
5	16QAM	25	0	18.71	18.69	18.75	19.0	0
5	16QAM	25	6	18.69	18.69	18.75		
5	16QAM	25	25	18.71	18.69	18.75		
5	64QAM	1	0	17.71	17.71	17.75	18.0	0.5
5	64QAM	1	12	17.68	17.71	17.65		
5	64QAM	1	24	17.71	17.71	17.75		
5	64QAM	13	0	17.71	17.71	17.75	18.0	0.5
5	64QAM	13	7	17.71	17.71	17.65		
5	64QAM	13	13	17.71	17.71	17.75		
5	64QAM	25	0	17.71	17.69	17.75	18.0	0.5
5	64QAM	25	6	17.69	17.69	17.75		
5	64QAM	25	25	17.71	17.69	17.75		
5	256QAM	1	0	16.71	16.71	16.75	17.4	2.5
5	256QAM	1	12	16.68	16.71	16.65		
5	256QAM	1	24	16.71	16.71	16.75		
5	256QAM	13	0	16.71	16.71	16.75	17.4	2.5
5	256QAM	13	7	16.71	16.71	16.65		
5	256QAM	13	13	16.71	16.71	16.75		
5	256QAM	25	0	16.71	16.69	16.75	17.4	2.5
5	256QAM	25	6	16.69	16.69	16.75		
5	256QAM	25	25	16.71	16.69	16.75		
Channel				26041	26440	26839		
Frequency (MHz)				1842.5	1881.5	1920.5		
3	QPSK	1	0	19.71	19.71	19.75	20.0	0
3	QPSK	1	7	19.71	19.71	19.65		
3	QPSK	1	14	19.71	19.71	19.75		
3	QPSK	8	0	19.71	19.71	19.75	20.0	0
3	QPSK	8	4	19.71	19.71	19.65		
3	QPSK	8	8	19.71	19.71	19.75		
3	QPSK	15	0	19.71	19.71	19.75	20.0	0
3	QPSK	15	3	19.71	19.71	19.65		
3	QPSK	15	7	19.71	19.71	19.75		
3	16QAM	1	0	18.71	18.71	18.75	19.0	0
3	16QAM	1	7	18.71	18.71	18.65		
3	16QAM	1	14	18.71	18.71	18.75		
3	16QAM	8	0	18.71	18.71	18.75	19.0	0
3	16QAM	8	4	18.71	18.71	18.65		
3	16QAM	8	8	18.71	18.71	18.75		
3	16QAM	15	0	18.71	18.71	18.75	19.0	0
3	16QAM	15	3	18.71	18.71	18.65		
3	16QAM	15	7	18.71	18.71	18.75		
3	64QAM	1	0	17.71	17.71	17.75	18.0	0.5
3	64QAM	1	7	17.71	17.71	17.65		
3	64QAM	1	14	17.71	17.71	17.75		
3	64QAM	8	0	17.71	17.71	17.75	18.0	0.5
3	64QAM	8	4	17.71	17.71	17.65		
3	64QAM	8	8	17.71	17.71	17.75		
3	64QAM	15	0	17.71	17.71	17.75	18.0	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.31	21.40	21.29	22.3	0
15	QPSK	1	37	21.24	21.30	21.22		
15	QPSK	1	74	21.18	21.28	21.23		
15	QPSK	36	0	21.29	21.31	21.24	22.3	0
15	QPSK	36	20	21.28	21.22	21.21		
15	QPSK	36	39	21.25	21.28	21.10		
15	QPSK	75	0	21.18	21.25	21.10		
15	16QAM	1	0	21.34	21.27	21.24	22.3	0
15	16QAM	1	37	21.24	21.22	21.22		
15	16QAM	1	74	21.19	21.12	21.22		
15	16QAM	36	0	21.18	21.17	21.14	22.3	0
15	16QAM	36	20	21.21	21.13	21.16		
15	16QAM	36	39	21.24	21.24	21.25		
15	16QAM	75	0	21.14	21.14	21.18		
15	64QAM	1	0	21.23	21.09	21.13	22.3	0
15	64QAM	1	37	21.21	21.08	21.13		
15	64QAM	1	74	21.13	21.16	21.15		
15	64QAM	36	0	20.74	20.73	20.65	21.3	1
15	64QAM	36	20	20.76	20.67	20.70		
15	64QAM	36	39	20.73	20.73	20.66		
15	64QAM	75	0	20.77	20.69	20.69		
15	256QAM	1	0	18.62	18.77	18.71	19.3	3
15	256QAM	1	37	18.54	18.70	18.65		
15	256QAM	1	74	18.70	18.80	18.68		
15	256QAM	36	0	18.70	18.75	18.66	19.3	3
15	256QAM	36	20	18.59	18.69	18.62		
15	256QAM	36	39	18.72	18.74	18.59		
15	256QAM	75	0	18.63	18.79	18.74		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.27	21.30	21.32	22.3	0
10	QPSK	1	25	21.17	21.18	21.22		
10	QPSK	1	49	21.16	21.13	21.13		
10	QPSK	25	0	21.26	21.20	21.19	22.3	0
10	QPSK	25	12	21.11	21.14	21.19		
10	QPSK	25	25	21.21	21.12	21.15		
10	QPSK	50	0	21.14	21.10	21.18		
10	16QAM	1	0	21.16	21.12	21.16	22.3	0
10	16QAM	1	25	21.04	21.12	21.06		
10	16QAM	1	49	20.94	21.02	20.98		
10	16QAM	25	0	21.13	21.09	21.02	22.3	0
10	16QAM	25	12	21.05	21.03	21.03		
10	16QAM	25	25	21.06	21.10	21.09		
10	16QAM	50	0	21.03	21.00	21.08		
10	64QAM	1	0	21.02	21.05	20.91	22.3	0
10	64QAM	1	25	21.05	20.95	20.99		
10	64QAM	1	49	21.03	21.07	21.11		
10	64QAM	25	0	20.81	20.86	20.76	21.3	1
10	64QAM	25	12	20.87	20.87	20.85		
10	64QAM	25	25	20.86	20.91	20.80		
10	64QAM	50	0	20.87	20.82	20.84		
10	256QAM	1	0	18.45	18.68	18.70	19.3	3
10	256QAM	1	25	18.51	18.64	18.63		
10	256QAM	1	49	18.60	18.79	18.49		
10	256QAM	25	0	18.51	18.63	18.63	19.3	3
10	256QAM	25	12	18.53	18.53	18.61		
10	256QAM	25	25	18.59	18.58	18.45		
10	256QAM	50	0	18.46	18.79	18.60		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.25	21.32	21.29	22.3	0
5	QPSK	1	12	21.16	21.12	21.19		
5	QPSK	1	24	21.11	21.15	21.25		
5	QPSK	12	0	21.23	21.17	21.17	22.3	0
5	QPSK	12	7	21.10	21.06	21.15		
5	QPSK	12	13	21.10	21.18	21.12		
5	QPSK	25	0	21.07	21.12	21.19		
5	16QAM	1	0	21.11	21.14	21.19	22.3	0
5	16QAM	1	12	21.07	21.07	21.17		
5	16QAM	1	24	21.06	20.96	21.04		
5	16QAM	12	0	21.06	21.13	20.99	22.3	0
5	16QAM	12	7	20.98	21.00	20.98		
5	16QAM	12	13	21.12	21.07	21.10		
5	16QAM	25	0	21.10	21.08	20.96		
5	64QAM	1	0	20.97	20.94	20.96	22.3	0
5	64QAM	1	12	21.03	21.01	20.91		
5	64QAM	1	24	21.01	21.07	21.12		
5	64QAM	12	0	20.82	20.84	20.69	21.3	1
5	64QAM	12	7	20.93	20.89	20.75		
5	64QAM	12	13	20.90	20.89	20.75		
5	64QAM	25	0	20.84	20.83	20.70		
5	256QAM	1	0	18.49	18.75	18.58	19.3	3
5	256QAM	1	12	18.45	18.52	18.54		
5	256QAM	1	24	18.61	18.67	18.60		
5	256QAM	12	0	18.63	18.68	18.54	19.3	3
5	256QAM	12	7	18.42	18.63	18.61		
5	256QAM	12	13	18.68	18.57	18.44		
5	256QAM	25	0	18.45	18.70	18.74		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.26	21.35	21.25	22.3	0
3	QPSK	1	8	21.17	21.22	21.27		
3	QPSK	1	14	21.12	21.20	21.14		
3	QPSK	8	0	21.22	21.15	21.16	22.3	0
3	QPSK	8	4	21.09	21.08	21.18		
3	QPSK	8	7	21.13	21.15	21.21		
3	QPSK	15	0	21.16	21.19	21.11		
3	16QAM	1	0	21.13	21.16	21.21	22.3	0
3	16QAM	1	8	21.08	21.17	21.15		
3	16QAM	1	14	21.01	20.99	21.04		
3	16QAM	8	0	21.06	21.01	21.03	22.3	0
3	16QAM	8	4	21.00	21.05	20.98		
3	16QAM	8	7	21.21	21.17	21.14		
3	16QAM	15	0	21.06	20.99	21.01		
3	64QAM	1	0	20.91	20.93	21.05	22.3	0
3	64QAM	1	8	21.04	20.99	21.05		
3	64QAM	1	14	20.98	21.12	21.12		
3	64QAM	8	0	20.89	20.81	20.71	21.3	1
3	64QAM	8	4	20.93	20.85	20.78		
3	64QAM	8	7	20.91	20.96	20.82		
3	64QAM	15	0	20.89	20.82	20.69		
3	256QAM	1	0	18.52	18.76	18.61	19.3	3
3	256QAM	1	8	18.47	18.59	18.57		
3	256QAM	1	14	18.70	18.74	18.59		
3	256QAM	8	0	18.69	18.75	18.62	19.3	3
3	256QAM	8	4	18.46	18.58	18.51		
3	256QAM	8	7	18.70	18.64	18.54		
3	256QAM	15	0	18.55	18.69	18.62		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.32	21.27	21.25	22.3	0
1.4	QPSK	1	3	21.12	21.12	21.25		
1.4	QPSK	1	5	21.21	21.10	21.22		
1.4	QPSK	3	0	21.17	21.25	21.18		
1.4	QPSK	3	1	21.17	21.06	21.09		
1.4	QPSK	3	3	21.23	21.19	21.18		
1.4	QPSK	6	0	21.14	21.22	21.22	22.3	0
1.4	16QAM	1	0	21.17	21.24	21.20	22.3	0
1.4	16QAM	1	3	21.10	21.08	21.05		
1.4	16QAM	1	5	21.04	21.09	21.03		
1.4	16QAM	3	0	21.06	21.14	21.01		
1.4	16QAM	3	1	20.97	21.02	21.03		
1.4	16QAM	3	3	21.13	21.18	21.21		
1.4	16QAM	6	0	21.05	21.05	21.03	22.3	0
1.4	64QAM	1	0	21.04	21.06	20.94	22.3	0
1.4	64QAM	1	3	20.99	20.90	21.00		
1.4	64QAM	1	5	21.01	21.07	21.01		
1.4	64QAM	3	0	21.19	21.13	21.25		
1.4	64QAM	3	1	21.23	21.26	21.13		
1.4	64QAM	3	3	21.24	21.27	21.27		
1.4	64QAM	6	0	20.90	20.85	20.83	21.3	1
1.4	256QAM	1	0	18.55	18.74	18.54	19.3	3
1.4	256QAM	1	3	18.48	18.67	18.61		
1.4	256QAM	1	5	18.59	18.70	18.53		
1.4	256QAM	3	0	18.63	18.74	18.64		
1.4	256QAM	3	1	18.58	18.54	18.46		
1.4	256QAM	3	3	18.57	18.69	18.48		
1.4	256QAM	6	0	18.60	18.73	18.69	19.3	3

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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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.00	24.03	23.83	24.8	0
15	QPSK	1	37	23.88	23.85	23.71		
15	QPSK	1	74	23.62	23.73	23.53		
15	QPSK	36	0	22.90	22.94	22.85	23.8	1
15	QPSK	36	20	22.83	22.93	22.79		
15	QPSK	36	39	22.89	22.88	22.80		
15	QPSK	75	0	22.81	22.91	22.82		
15	16QAM	1	0	23.05	23.11	23.10	23.8	1
15	16QAM	1	37	23.09	23.11	23.00		
15	16QAM	1	74	22.95	23.13	22.89		
15	16QAM	36	0	21.88	21.92	21.79	22.8	2
15	16QAM	36	20	21.84	21.96	21.83		
15	16QAM	36	39	21.87	21.95	21.83		
15	16QAM	75	0	21.83	21.96	21.84		
15	64QAM	1	0	21.94	21.93	22.04	22.8	2
15	64QAM	1	37	22.06	21.94	21.91		
15	64QAM	1	74	21.82	22.06	21.73		
15	64QAM	36	0	20.92	20.89	20.81	21.8	3
15	64QAM	36	20	20.86	20.93	20.80		
15	64QAM	36	39	20.88	20.93	20.81		
15	64QAM	75	0	20.83	20.93	20.83		
15	256QAM	1	0	18.87	18.94	18.92	19.8	5
15	256QAM	1	37	18.81	18.99	18.89		
15	256QAM	1	74	18.78	18.90	18.79		
15	256QAM	36	0	18.87	18.92	18.89	19.8	5
15	256QAM	36	20	18.73	18.88	18.77		
15	256QAM	36	39	18.68	18.86	18.78		
15	256QAM	75	0	18.89	18.96	18.77		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.92	23.83	23.79	24.8	0
10	QPSK	1	25	23.86	23.84	23.75		
10	QPSK	1	49	23.84	23.78	23.66		
10	QPSK	25	0	22.86	22.87	22.82	23.8	1
10	QPSK	25	12	22.97	22.91	22.88		
10	QPSK	25	25	22.91	22.94	22.83		
10	QPSK	50	0	22.94	22.86	22.84		
10	16QAM	1	0	23.25	23.23	23.16	23.8	1
10	16QAM	1	25	23.23	23.16	23.16		
10	16QAM	1	49	23.22	23.29	23.17		
10	16QAM	25	0	21.90	21.91	21.82	22.8	2
10	16QAM	25	12	21.98	21.92	21.87		
10	16QAM	25	25	21.98	21.94	21.84		
10	16QAM	50	0	21.96	21.87	21.86		
10	64QAM	1	0	22.01	22.08	22.04	22.8	2
10	64QAM	1	25	22.12	22.15	22.09		
10	64QAM	1	49	22.08	22.00	21.93		
10	64QAM	25	0	20.89	20.90	20.79	21.8	3
10	64QAM	25	12	20.95	20.91	20.89		
10	64QAM	25	25	20.90	20.95	20.89		
10	64QAM	50	0	20.93	20.88	20.79		
10	256QAM	1	0	18.81	18.92	18.85	19.8	5
10	256QAM	1	25	18.75	18.97	18.83		
10	256QAM	1	49	18.64	18.77	18.74		
10	256QAM	25	0	18.75	18.91	18.85	19.8	5
10	256QAM	25	12	18.73	18.71	18.65		
10	256QAM	25	25	18.49	18.82	18.68		
10	256QAM	50	0	18.87	18.94	18.60		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.81	23.84	23.64	24.8	0
5	QPSK	1	12	23.72	23.74	23.67		
5	QPSK	1	24	23.83	23.87	23.66		
5	QPSK	12	0	22.86	22.86	22.71	23.8	1
5	QPSK	12	7	22.97	22.89	22.74		
5	QPSK	12	13	22.92	22.95	22.78		
5	QPSK	25	0	22.91	22.85	22.73		
5	16QAM	1	0	23.24	23.22	23.08	23.8	1
5	16QAM	1	12	23.25	23.27	23.25		
5	16QAM	1	24	23.25	23.16	23.07		
5	16QAM	12	0	21.90	21.89	21.77	22.8	2
5	16QAM	12	7	21.98	21.95	21.84		
5	16QAM	12	13	21.94	21.98	21.84		
5	16QAM	25	0	21.91	21.90	21.74		
5	64QAM	1	0	22.08	22.12	21.99	22.8	2
5	64QAM	1	12	22.07	22.13	22.00		
5	64QAM	1	24	22.08	22.04	21.92		
5	64QAM	12	0	20.91	20.86	20.76	21.8	3
5	64QAM	12	7	20.98	20.91	20.79		
5	64QAM	12	13	20.98	20.99	20.86		
5	64QAM	25	0	20.94	20.85	20.76		
5	256QAM	1	0	18.68	18.89	18.81	19.8	5
5	256QAM	1	12	18.72	18.86	18.87		
5	256QAM	1	24	18.67	18.82	18.69		
5	256QAM	12	0	18.80	18.77	18.89	19.8	5
5	256QAM	12	7	18.70	18.73	18.66		
5	256QAM	12	13	18.63	18.81	18.69		
5	256QAM	25	0	18.71	18.90	18.69		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.80	23.74	23.59	24.8	0
3	QPSK	1	8	23.83	23.81	23.75		
3	QPSK	1	14	23.82	23.75	23.61		
3	QPSK	8	0	22.94	22.85	22.73	23.8	1
3	QPSK	8	4	22.96	22.89	22.75		
3	QPSK	8	7	22.92	22.92	22.78		
3	QPSK	15	0	22.89	22.85	22.71		
3	16QAM	1	0	23.13	23.13	23.02	23.8	1
3	16QAM	1	8	23.11	23.17	23.17		
3	16QAM	1	14	23.04	23.14	23.02		
3	16QAM	8	0	22.02	21.90	21.85	22.8	2
3	16QAM	8	4	22.04	22.00	21.79		
3	16QAM	8	7	21.99	22.05	21.87		
3	16QAM	15	0	21.95	21.89	21.73		
3	64QAM	1	0	22.06	22.06	21.87	22.8	2
3	64QAM	1	8	22.18	22.15	21.94		
3	64QAM	1	14	22.15	21.98	21.73		
3	64QAM	8	0	20.98	20.89	20.76	21.8	3
3	64QAM	8	4	20.99	20.96	20.86		
3	64QAM	8	7	20.95	20.99	20.83		
3	64QAM	15	0	20.96	20.89	20.73		
3	256QAM	1	0	18.79	18.91	18.74	19.8	5
3	256QAM	1	8	18.63	18.95	18.77		
3	256QAM	1	14	18.67	18.82	18.73		
3	256QAM	8	0	18.69	18.75	18.78	19.8	5
3	256QAM	8	4	18.64	18.81	18.65		
3	256QAM	8	7	18.66	18.82	18.71		
3	256QAM	15	0	18.76	18.95	18.59		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.84	23.76	23.67	24.8	0
1.4	QPSK	1	3	23.81	23.88	23.74		
1.4	QPSK	1	5	23.84	23.82	23.71		
1.4	QPSK	3	0	23.85	23.87	23.74		
1.4	QPSK	3	1	23.80	23.80	23.77		
1.4	QPSK	3	3	23.85	23.86	23.72		
1.4	QPSK	6	0	22.91	22.82	22.76	23.8	1
1.4	16QAM	1	0	23.13	23.10	23.04	23.8	1
1.4	16QAM	1	3	23.15	23.13	23.13		
1.4	16QAM	1	5	23.19	23.15	23.07		
1.4	16QAM	3	0	23.11	22.98	22.87		
1.4	16QAM	3	1	23.08	22.98	22.83		
1.4	16QAM	3	3	23.07	23.02	22.91		
1.4	16QAM	6	0	21.99	21.89	21.84	22.8	2
1.4	64QAM	1	0	22.05	21.90	21.89	22.8	2
1.4	64QAM	1	3	22.10	22.15	21.90		
1.4	64QAM	1	5	22.02	22.03	21.87		
1.4	64QAM	3	0	22.08	21.92	21.78		
1.4	64QAM	3	1	22.04	21.97	21.85		
1.4	64QAM	3	3	22.03	22.02	21.88		
1.4	64QAM	6	0	20.93	20.90	20.83	21.8	3
1.4	256QAM	1	0	18.87	18.90	18.77	19.8	5
1.4	256QAM	1	3	18.77	18.87	18.74		
1.4	256QAM	1	5	18.74	18.72	18.78		
1.4	256QAM	3	0	18.86	18.87	18.70		
1.4	256QAM	3	1	18.63	18.85	18.70		
1.4	256QAM	3	3	18.56	18.68	18.75		
1.4	256QAM	6	0	18.84	18.88	18.74	19.8	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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.51		20.4	0
10	QPSK	1	25		19.33			
10	QPSK	1	49		19.42			
10	QPSK	25	0		19.45		20.4	0
10	QPSK	25	12		19.4			
10	QPSK	25	25		19.36			
10	QPSK	50	0		19.43			
10	16QAM	1	0		19.47		20.4	0
10	16QAM	1	25		19.36			
10	16QAM	1	49		19.36			
10	16QAM	25	0		19.44		20.4	0
10	16QAM	25	12		19.29			
10	16QAM	25	25		19.35			
10	16QAM	50	0		19.34			
10	64QAM	1	0		19.42		20.4	0
10	64QAM	1	25		19.43			
10	64QAM	1	49		19.44			
10	64QAM	25	0		19.35		19.9	0.5
10	64QAM	25	12		19.31			
10	64QAM	25	25		19.36			
10	64QAM	50	0		19.3			
10	256QAM	1	0		17.20		18.9	1.5
10	256QAM	1	25		17.30			
10	256QAM	1	49		17.17			
10	256QAM	25	0		17.24		18.9	1.5
10	256QAM	25	12		17.21			
10	256QAM	25	25		17.25			
10	256QAM	50	0		17.27			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.37	19.38	19.49	20.4	0
5	QPSK	1	12	19.21	19.22	19.2		
5	QPSK	1	24	19.42	19.3	19.32		
5	QPSK	12	0	19.43	19.4	19.33	20.4	0
5	QPSK	12	7	19.38	19.31	19.26		
5	QPSK	12	13	19.26	19.22	19.35		
5	QPSK	25	0	19.36	19.35	19.35		
5	16QAM	1	0	19.34	19.41	19.37	20.4	0
5	16QAM	1	12	19.26	19.26	19.35		
5	16QAM	1	24	19.27	19.22	19.36		
5	16QAM	12	0	19.35	19.33	19.3	20.4	0
5	16QAM	12	7	19.16	19.27	19.2		
5	16QAM	12	13	19.29	19.24	19.25		
5	16QAM	25	0	19.2	19.31	19.34		
5	64QAM	1	0	19.28	19.27	19.29	20.4	0
5	64QAM	1	12	19.4	19.34	19.29		
5	64QAM	1	24	19.33	19.38	19.29		
5	64QAM	12	0	19.35	19.34	19.26	19.9	0.5
5	64QAM	12	7	19.12	19.28	19.23		
5	64QAM	12	13	19.31	19.35	19.24		
5	64QAM	25	0	19.15	19.2	19.12		
5	256QAM	1	0	17.04	17.17	17.03	18.9	1.5
5	256QAM	1	12	17.17	17.22	17.20		
5	256QAM	1	24	17.06	17.16	17.11		
5	256QAM	12	0	17.19	17.17	17.07	18.9	1.5
5	256QAM	12	7	17.02	17.19	17.13		
5	256QAM	12	13	17.10	17.17	17.07		
5	256QAM	25	0	17.15	17.22	17.13		

Band 30_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					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.13		21.3	0
10	QPSK	1	25		20.05			
10	QPSK	1	49		19.94			
10	QPSK	25	0		20.08		21.3	0
10	QPSK	25	12		19.95			
10	QPSK	25	25		20.03			
10	QPSK	50	0		19.97			
10	16QAM	1	0		20.05		21.3	0
10	16QAM	1	25		19.96			
10	16QAM	1	49		20.01			
10	16QAM	25	0		20.09		21.3	0
10	16QAM	25	12		20.05			
10	16QAM	25	25		19.99			
10	16QAM	50	0		20.04			
10	64QAM	1	0		20.00		21.3	0
10	64QAM	1	25		19.94			
10	64QAM	1	49		20.08			
10	64QAM	25	0		20.08		21.3	0
10	64QAM	25	12		19.99			
10	64QAM	25	25		19.98			
10	64QAM	50	0		20.05			
10	256QAM	1	0		18.60		19.3	2
10	256QAM	1	25		18.55			
10	256QAM	1	49		18.52			
10	256QAM	25	0		18.50		19.3	2
10	256QAM	25	12		18.57			
10	256QAM	25	25		18.59			
10	256QAM	50	0		18.51			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.04	20.04	20.11	21.3	0
5	QPSK	1	12	19.93	19.98	19.98		
5	QPSK	1	24	19.80	19.86	19.81		
5	QPSK	12	0	20.02	20.00	20.03	21.3	0
5	QPSK	12	7	19.84	19.86	19.89		
5	QPSK	12	13	19.90	20.03	19.92		
5	QPSK	25	0	19.83	19.90	19.97		
5	16QAM	1	0	20.05	20.00	20.02	21.3	0
5	16QAM	1	12	19.91	19.90	19.83		
5	16QAM	1	24	19.86	19.95	19.93		
5	16QAM	12	0	20.03	20.06	20.08	21.3	0
5	16QAM	12	7	19.97	19.99	19.98		
5	16QAM	12	13	19.85	19.86	19.99		
5	16QAM	25	0	20.01	19.94	20.01		
5	64QAM	1	0	19.87	19.93	19.86	21.3	0
5	64QAM	1	12	19.92	19.81	19.80		
5	64QAM	1	24	19.94	20.03	19.96		
5	64QAM	12	0	20.08	20.08	20.03	21.3	0
5	64QAM	12	7	19.92	19.85	19.94		
5	64QAM	12	13	19.88	19.98	19.91		
5	64QAM	25	0	20.03	19.97	19.92		
5	256QAM	1	0	18.47	18.49	18.47	19.3	2
5	256QAM	1	12	18.54	18.52	18.54		
5	256QAM	1	24	18.37	18.47	18.37		
5	256QAM	12	0	18.45	18.31	18.45	19.3	2
5	256QAM	12	7	18.53	18.53	18.53		
5	256QAM	12	13	18.42	18.52	18.42		
5	256QAM	25	0	18.33	18.35	18.33		

Band 30_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					151012			
Frequency [MHz]					2715			
10	QPSK	1	0		21.31		21.3	0
10	QPSK	1	24		20.49			
10	QPSK	1	49		20.49			
10	QPSK	25	0		20.57		21.3	0
10	QPSK	25	12		20.57			
10	QPSK	25	25		20.57			
10	QPSK	50	0		20.57		21.3	0
10	16QAM	1	0		20.49			
10	16QAM	1	24		20.49			
10	16QAM	1	49		20.49			
10	16QAM	25	0		20.57		21.3	0
10	16QAM	25	12		20.57			
10	16QAM	25	25		20.57			
10	16QAM	50	0		20.57		21.3	0
10	64QAM	1	0		20.49			
10	64QAM	1	24		20.49			
10	64QAM	1	49		20.49			
10	64QAM	25	0		19.49		20.6	0.6
10	64QAM	25	12		19.49			
10	64QAM	25	25		19.49			
10	64QAM	50	0		19.49		19.6	2.6
10	256QAM	1	0		17.49			
10	256QAM	1	24		17.49			
10	256QAM	1	49		17.49			
10	256QAM	25	0		17.49		19.6	2.6
10	256QAM	25	12		17.49			
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.49			
Channel				151012	151012	151012	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2715	2715	2715		
5	QPSK	1	0	21.31	21.31	21.31	21.3	0
5	QPSK	1	12	20.49	20.49	20.49		
5	QPSK	1	24	20.49	20.49	20.49		
5	QPSK	12	0	20.57	20.57	20.57	21.3	0
5	QPSK	12	6	20.57	20.57	20.57		
5	QPSK	12	13	20.57	20.57	20.57		
5	QPSK	25	0	20.57	20.57	20.57	21.3	0
5	16QAM	1	0	20.49	20.49	20.49		
5	16QAM	1	12	20.49	20.49	20.49		
5	16QAM	1	24	20.49	20.49	20.49		
5	16QAM	12	0	20.57	20.57	20.57	21.3	0
5	16QAM	12	6	20.57	20.57	20.57		
5	16QAM	12	13	20.57	20.57	20.57		
5	16QAM	25	0	20.57	20.57	20.57	21.3	0
5	64QAM	1	0	19.49	19.49	19.49		
5	64QAM	1	12	19.49	19.49	19.49		
5	64QAM	1	24	19.49	19.49	19.49		
5	64QAM	12	0	19.57	19.57	19.57	20.6	0.6
5	64QAM	12	6	19.57	19.57	19.57		
5	64QAM	12	13	19.57	19.57	19.57		
5	64QAM	25	0	19.57	19.57	19.57		
5	256QAM	1	0	17.49	17.49	17.49	19.6	2.6
5	256QAM	1	12	17.49	17.49	17.49		
5	256QAM	1	24	17.49	17.49	17.49		
5	256QAM	12	0	17.57	17.57	17.57	19.6	2.6
5	256QAM	12	6	17.57	17.57	17.57		
5	256QAM	12	13	17.57	17.57	17.57		
5	256QAM	25	0	17.57	17.57	17.57		

Band 30_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					151012			
Frequency [MHz]					2715			
10	QPSK	1	0		20.49		21.6	0
10	QPSK	1	24		20.49			
10	QPSK	1	49		20.49			
10	QPSK	25	0		20.57		21.6	0
10	QPSK	25	12		20.57			
10	QPSK	25	25		20.57			
10	QPSK	50	0		20.57		21.6	0
10	16QAM	1	0		20.49			
10	16QAM	1	24		20.49			
10	16QAM	1	49		20.49			
10	16QAM	25	0		20.57		21.6	0
10	16QAM	25	12		20.57			
10	16QAM	25	25		20.57			
10	16QAM	50	0		20.57		21.6	0
10	64QAM	1	0		19.49			
10	64QAM	1	24		19.49			
10	64QAM	1	49		19.49			
10	64QAM	25	0		19.57		20.6	1.6
10	64QAM	25	12		19.57			
10	64QAM	25	25		19.57			
10	64QAM	50	0		19.57		20.6	1.6
10	256QAM	1	0		17.49			
10	256QAM	1	24		17.49			
10	256QAM	1	49		17.49			
10	256QAM	25	0		17.57		19.6	3.6
10	256QAM	25	12		17.57			
10	256QAM	25	25		17.57			
10	256QAM	50	0		17.57			
Channel				151012	151012	151012	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2715	2715	2715		
5	QPSK	1	0	21.31	21.31	21.31	21.6	0
5	QPSK	1	12	20.49	20.49	20.49		
5	QPSK	1	24	20.49	20.49	20.49		
5	QPSK	12	0	20.57	20.57	20.57	21.6	0
5	QPSK	12	6	20.57	20.57	20.57		
5	QPSK	12	13	20.57	20.57	20.57		
5	QPSK	25	0	20.57	20.57	20.57	21.6	0
5	16QAM	1	0	20.49	20.49	20.49		
5	16QAM	1	12	20.49	20.49	20.49		
5	16QAM	1	24	20.49	20.49	20.49		
5	16QAM	12	0	20.57	20.57	20.57	21.6	0
5	16QAM	12	6	20.57	20.57	20.57		
5	16QAM	12	13	20.57	20.57	20.57		
5	16QAM	25	0	20.57	20.57	20.57	21.6	0
5	64QAM	1	0	19.49	19.49	19.49		
5	64QAM	1	12	19.49	19.49	19.49		
5	64QAM	1	24	19.49	19.49	19.49		
5	64QAM	12	0	19.57	19.57	19.57	20.6	1.6
5	64QAM	12	6	19.57	19.57	19.57		
5	64QAM	12	13	19.57	19.57	19.57		
5	64QAM	25	0	19.57	19.57	19.57		
5	256QAM	1	0	17.49	17.49	17.49	19.6	3.6
5	256QAM	1	12	17.49	17.49	17.49		
5	256QAM	1	24	17.49	17.49	17.49		
5	256QAM	12	0	17.57	17.57	17.57	19.6	3.6
5	256QAM	12	6	17.57	17.57	17.57		
5	256QAM	12	13	17.57	17.57	17.57		
5	256QAM	25	0	17.57	17.57	17.57		

Band 66_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				131012	132072	133132		
Frequency [MHz]				1712.5	1745	1777.5		
20	QPSK	1	0	20.49	20.49	20.49	21.6	0
20	QPSK	1	49	20.49	20.49	20.49		
20	QPSK	1	99	20.49	20.49	20.49		
20	QPSK	50	0	20.57	20.57	20.57	21.6	0
20	QPSK	50	24	20.57	20.57	20.57		
20	QPSK	50	50	20.57	20.57	20.57		
20	QPSK	100	0	20.57	20.57	20.57	21.6	0
20	16QAM	1	0	20.49	20.49	20.49		
20	16QAM	1	49	20.49	20.49	20.49		
20	16QAM	1	99	20.49	20.49	20.49		
20	16QAM	50	0	20.57	20.57	20.57	21.6	0
20	16QAM	50	24	20.57	20.57	20.57		
20	16QAM	50	50	20.57	20.57	20.57		
20	16QAM	100	0	20.57	20.57	20.57	21.6	0
20	64QAM	1	0	19.49	19.49	19.49		
20	64QAM	1	49	19.49	19.49	19.49		
20	64QAM	1	99	19.49	19.49	19.49		
20	64QAM	50	0	19.57	19.57	19.57	20.6	1
20	64QAM	50	24	19.57	19.57	19.57		
20	64QAM	50	50	19.57	19.57	19.57		
20	64QAM	100	0	19.57	19.57	19.57	20.6	1
20	256QAM	1	0	17.49	17.49	17.49		
20	256QAM	1	49	17.49	17.49	17.49		
20	256QAM	1	99	17.49	17.49	17.49		
20	256QAM	50	0	17.57	17.57	17.57	19.6	3
20	256QAM	50	24	17.57	17.57	17.57		
20	256QAM	50	50	17.57	17.57	17.57		
20	256QAM	100	0	17.57	17.57	17.57	19.6	3
Channel				131012	132072	133132	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
15	QPSK	1	0	20.59	20.57	20.56	21.6	0
15	QPSK	1	37	20.59	20.57	20.56		
15	QPSK	1	74	20.59	20.57	20.56		
15	QPSK	36	0	20.57	20.57	20.57	21.6	0
15	QPSK	36	19	20.57	20.57	20.57		
15	QPSK	36	39	20.57	20.57	20.57		
15	QPSK	75	0	20.57	20.57	20.57	21.6	0
15	16QAM	1	0	20.59	20.57	20.56		
15	16QAM	1	37	20.59	20.57	20.56		
15	16QAM	1	74	20.59	20.57	20.56		
15	16QAM	36	0	20.57	20.57	20.57	21.6	0
15	16QAM	36	19	20.57	20.57	20.57		
15	16QAM	36	39	20.57	20.57	20.57		
15	16QAM	75	0	20.57	20.57	20.57	21.6	0
15	64QAM	1	0	19.59	19.57	19.56		
15	64QAM	1	37	19.59	19.57	19.56		
15	64QAM	1	74	19.59	19.57	19.56		
15	64QAM	36	0	19.57	19.57	19.57	20.6	1
15	64QAM	36	19	19.57	19.57	19.57		
15	64QAM	36	39	19.57	19.57	19.57		
15	64QAM	75	0	19.57	19.57	19.57	20.6	1
15	256QAM	1	0	17.59	17.57	17.56		
15	256QAM	1	37	17.59	17.57	17.56		
15	256QAM	1	74	17.59	17.57	17.56		
15	256QAM	36	0	17.57	17.57	17.57	19.6	3
15	256QAM	36	19	17.57	17.57	17.57		
15	256QAM	36	39	17.57	17.57	17.57		
15	256QAM	75	0	17.57	17.57	17.57	19.6	3
Channel				131012	132072	133132	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
10	QPSK	1	0	20.59	20.57	20.56	21.6	0
10	QPSK	1	25	20.59	20.57	20.56		
10	QPSK	1	49	20.59	20.57	20.56		
10	QPSK	25	0	20.57	20.57	20.57	21.6	0
10	QPSK	25	13	20.57	20.57	20.57		
10	QPSK	25	25	20.57	20.57	20.57		
10	QPSK	50	0	20.57	20.57	20.57	21.6	0
10	16QAM	1	0	20.59	20.57	20.56		
10	16QAM	1	25	20.59	20.57	20.56		
10	16QAM	1	49	20.59	20.57	20.56		
10	16QAM	25	0	20.57	20.57	20.57	21.6	0
10	16QAM	25	13	20.57	20.57	20.57		
10	16QAM	25	25	20.57	20.57	20.57		
10	16QAM	50	0	20.57	20.57	20.57	21.6	0
10	64QAM	1	0	19.59	19.57	19.56		
10	64QAM	1	25	19.59	19.57	19.56		
10	64QAM	1	49	19.59	19.57	19.56		
10	64QAM	25	0	19.57	19.57	19.57	20.6	1
10	64QAM	25	13	19.57	19.57	19.57		
10	64QAM	25	25	19.57	19.57	19.57		
10	64QAM	50	0	19.57	19.57	19.57	20.6	1
10	256QAM	1	0	17.59	17.57	17.56		
10	256QAM	1	25	17.59	17.57	17.56		
10	256QAM	1	49	17.59	17.57	17.56		
10	256QAM	25	0	17.57	17.57	17.57	19.6	3
10	256QAM	25	13	17.57	17.57	17.57		
10	256QAM	25	25	17.57	17.57	17.57		
10	256QAM	50	0	17.57	17.57	17.57	19.6	3
Channel				131012	132072	133132	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
5	QPSK	1	0	20.59	20.57	20.56	21.6	0
5	QPSK	1	12	20.59	20.57	20.56		
5	QPSK	1	24	20.59	20.57	20.56		
5	QPSK	12	0	20.57	20.57	20.57	21.6	0
5	QPSK	12	7	20.57	20.57	20.57		
5	QPSK	12	13	20.57	20.57	20.57		
5	QPSK	25	0	20.57	20.57	20.57	21.6	0
5	16QAM	1	0	20.59	20.57	20.56		
5	16QAM	1	12	20.59	20.57	20.56		
5	16QAM	1	24	20.59	20.57	20.56		
5	16QAM	12	0	20.57	20.57	20.57	21.6	0
5	16QAM	12	7	20.57	20.57	20.57		
5	16QAM	12	13	20.57	20.57	20.57		
5	16QAM	25	0	20.57	20.57	20.57	21.6	0
5	64QAM	1	0	19.59	19.57	19.56		
5	64QAM	1	12	19.59	19.57	19.56		
5	64QAM	1	24	19.59	19.57	19.56		
5	64QAM	12	0	19.57	19.57	19.57	20.6	1
5	64QAM	12	7	19.57	19.57	19.57		
5	64QAM	12	13	19.57	19.57	19.57		
5	64QAM	25	0	19.57	19.57	19.57	20.6	1
5	256QAM	1	0	17.59	17.57	17.56		
5	256QAM	1	12	17.59	17.57	17.56		
5	256QAM	1	24	17.59	17.57	17.56		
5	256QAM	12	0	17.57	17.57	17.57	19.6	3
5	256QAM	12	7	17.57	17.57	17.57		
5	256QAM	12	13	17.57	17.57	17.57		
5	256QAM	25	0	17.57	17.57	17.57	19.6	3
Channel				131012	132072	133132	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
1.4	QPSK	1	0	20.59	20.57	20.56	21.6	0
1.4	QPSK	1	3	20.59	20.57	20.56		
1.4	QPSK	1	5	20.59	20.57	20.56		
1.4	QPSK	3	0	20.57	20.57	20.57	21.6	0
1.4	QPSK	3	2	20.57	20.57	20.57		
1.4	QPSK	3	3	20.57	20.57	20.57		
1.4	QPSK	6	0	20.57	20.57	20.57	21.6	0
1.4	16QAM	1	0	20.59	20.57	20.56		
1.4	16QAM	1	3	20.59	20.57	20.56		
1.4	16QAM	1	5	20.59	20.57	20.56		
1.4	16QAM	3	0	20.57	20.57	20.57	21.6	0
1.4	16QAM	3	2	20.57	20.57	20.57		
1.4	16QAM	3	3	20.57	20.57	20.57		
1.4	16QAM	6	0	20.57	20.57	20.57	21.6	0
1.4	64QAM	1	0	19.59	19.57	19.56		
1.4	64QAM	1	3	19.59	19.57	19.56		
1.4	64QAM	1	5	19.59	19.57	19.56		
1.4	64QAM	3	0	19.57	19.57	19.57	20.6	1
1.4	64QAM	3	2	19.57	19.57	19.57		
1.4	64QAM	3	3	19.57	19.57	19.57		
1.4	64QAM	6	0	19.57	19.57	19.57	20.6	1
1.4	256QAM	1	0	17.59	17.57	17.56		
1.4	256QAM	1	3	17.59	17.57	17.56		
1.4	256QAM	1	5	17.59	17.57	17.56		
1.4	256QAM	3	0	17.57	17.57	17.57	19.6	3
1.4	256QAM	3	2	17.57	17.57	17.57		
1.4	256QAM	3	3	17.57	17.57	17.57		
1.4	256QAM	6	0	17.57	17.57	17.57	19.6	3

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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				131012	132072	133132		
Frequency [MHz]				1712.5	1745	1777.5		
20	QPSK	1	0	20.71	20.71	20.70	21.3	0
20	QPSK	1	49	20.71	20.71	20.70		
20	QPSK	1	99	20.71	20.71	20.70		
20	QPSK	50	0	20.72	20.72	20.72	21.3	0
20	QPSK	50	24	20.72	20.72	20.72		
20	QPSK	50	50	20.72	20.72	20.72		
20	QPSK	100	0	20.72	20.72	20.72	21.3	0
20	16QAM	1	0	20.71	20.71	20.70		
20	16QAM	1	49	20.71	20.71	20.70		
20	16QAM	1	99	20.71	20.71	20.70		
20	16QAM	50	0	20.72	20.72	20.72	21.3	0
20	16QAM	50	24	20.72	20.72	20.72		
20	16QAM	50	50	20.72	20.72	20.72		
20	16QAM	100	0	20.72	20.72	20.72	21.3	0
20	64QAM	1	0	19.71	19.71	19.70		
20	64QAM	1	49	19.71	19.71	19.70		
20	64QAM	1	99	19.71	19.71	19.70		
20	64QAM	50	0	19.72	19.72	19.72	20.3	0.6
20	64QAM	50	24	19.72	19.72	19.72		
20	64QAM	50	50	19.72	19.72	19.72		
20	64QAM	100	0	19.72	19.72	19.72	20.3	0.6
20	256QAM	1	0	17.71	17.71	17.70		
20	256QAM	1	49	17.71	17.71	17.70		
20	256QAM	1	99	17.71	17.71	17.70		
20	256QAM	50	0	17.72	17.72	17.72	19.3	2.6
20	256QAM	50	24	17.72	17.72	17.72		
20	256QAM	50	50	17.72	17.72	17.72		
20	256QAM	100	0	17.72	17.72	17.72	19.3	2.6
Channel				131012	132072	133132	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
15	QPSK	1	0	20.73	20.72	20.71	21.3	0
15	QPSK	1	37	20.73	20.72	20.71		
15	QPSK	1	74	20.73	20.72	20.71		
15	QPSK	36	0	20.72	20.72	20.72	21.3	0
15	QPSK	36	19	20.72	20.72	20.72		
15	QPSK	36	39	20.72	20.72	20.72		
15	QPSK	75	0	20.72	20.72	20.72	21.3	0
15	16QAM	1	0	20.73	20.72	20.71		
15	16QAM	1	37	20.73	20.72	20.71		
15	16QAM	1	74	20.73	20.72	20.71		
15	16QAM	36	0	20.72	20.72	20.72	21.3	0
15	16QAM	36	19	20.72	20.72	20.72		
15	16QAM	36	39	20.72	20.72	20.72		
15	16QAM	75	0	20.72	20.72	20.72	21.3	0
15	64QAM	1	0	19.73	19.72	19.71		
15	64QAM	1	37	19.73	19.72	19.71		
15	64QAM	1	74	19.73	19.72	19.71		
15	64QAM	36	0	19.72	19.72	19.72	20.3	0.6
15	64QAM	36	19	19.72	19.72	19.72		
15	64QAM	36	39	19.72	19.72	19.72		
15	64QAM	75	0	19.72	19.72	19.72	20.3	0.6
15	256QAM	1	0	17.73	17.72	17.71		
15	256QAM	1	37	17.73	17.72	17.71		
15	256QAM	1	74	17.73	17.72	17.71		
15	256QAM	36	0	17.72	17.72	17.72	19.3	2.6
15	256QAM	36	19	17.72	17.72	17.72		
15	256QAM	36	39	17.72	17.72	17.72		
15	256QAM	75	0	17.72	17.72	17.72	19.3	2.6
Channel				131012	132072	133132	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
10	QPSK	1	0	20.73	20.72	20.71	21.3	0
10	QPSK	1	25	20.73	20.72	20.71		
10	QPSK	1	49	20.73	20.72	20.71		
10	QPSK	25	0	20.72	20.72	20.72	21.3	0
10	QPSK	25	13	20.72	20.72	20.72		
10	QPSK	25	25	20.72	20.72	20.72		
10	QPSK	50	0	20.72	20.72	20.72	21.3	0
10	16QAM	1	0	20.73	20.72	20.71		
10	16QAM	1	25	20.73	20.72	20.71		
10	16QAM	1	49	20.73	20.72	20.71		
10	16QAM	25	0	20.72	20.72	20.72	21.3	0
10	16QAM	25	13	20.72	20.72	20.72		
10	16QAM	25	25	20.72	20.72	20.72		
10	16QAM	50	0	20.72	20.72	20.72	21.3	0
10	64QAM	1	0	19.73	19.72	19.71		
10	64QAM	1	25	19.73	19.72	19.71		
10	64QAM	1	49	19.73	19.72	19.71		
10	64QAM	25	0	19.72	19.72	19.72	20.3	0.6
10	64QAM	25	13	19.72	19.72	19.72		
10	64QAM	25	25	19.72	19.72	19.72		
10	64QAM	50	0	19.72	19.72	19.72	20.3	0.6
10	256QAM	1	0	17.73	17.72	17.71		
10	256QAM	1	25	17.73	17.72	17.71		
10	256QAM	1	49	17.73	17.72	17.71		
10	256QAM	25	0	17.72	17.72	17.72	19.3	2.6
10	256QAM	25	13	17.72	17.72	17.72		
10	256QAM	25	25	17.72	17.72	17.72		
10	256QAM	50	0	17.72	17.72	17.72	19.3	2.6
Channel				131012	132072	133132	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
5	QPSK	1	0	20.73	20.72	20.71	21.3	0
5	QPSK	1	12	20.73	20.72	20.71		
5	QPSK	1	24	20.73	20.72	20.71		
5	QPSK	12	0	20.72	20.72	20.72	21.3	0
5	QPSK	12	7	20.72	20.72	20.72		
5	QPSK	12	13	20.72	20.72	20.72		
5	QPSK	25	0	20.72	20.72	20.72	21.3	0
5	16QAM	1	0	20.73	20.72	20.71		
5	16QAM	1	12	20.73	20.72	20.71		
5	16QAM	1	24	20.73	20.72	20.71		
5	16QAM	12	0	20.72	20.72	20.72	21.3	0
5	16QAM	12	7	20.72	20.72	20.72		
5	16QAM	12	13	20.72	20.72	20.72		
5	16QAM	25	0	20.72	20.72	20.72	21.3	0
5	64QAM	1	0	19.73	19.72	19.71		
5	64QAM	1	12	19.73	19.72	19.71		
5	64QAM	1	24	19.73	19.72	19.71		
5	64QAM	12	0	19.72	19.72	19.72	20.3	0.6
5	64QAM	12	7	19.72	19.72	19.72		
5	64QAM	12	13	19.72	19.72	19.72		

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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	18.47	18.51	18.55	19.0	0
20	QPSK	1	49	18.45	18.51	18.60		
20	QPSK	50	0	18.41	18.47	18.53	19.0	0
20	QPSK	50	25	18.41	18.47	18.53		
20	QPSK	50	50	18.50	18.52	18.53		
20	16QAM	1	0	18.42	18.49	18.47		
20	16QAM	1	49	18.45	18.49	18.60		
20	16QAM	50	0	18.41	18.47	18.53	18.0	0
20	16QAM	50	25	18.41	18.47	18.53		
20	16QAM	50	50	18.50	18.52	18.53		
20	64QAM	1	0	18.42	18.49	18.47		
20	64QAM	1	49	18.45	18.49	18.60		
20	64QAM	50	0	18.41	18.47	18.53	17.0	0
20	64QAM	50	25	18.41	18.47	18.53		
20	64QAM	50	50	18.50	18.52	18.53		
20	256QAM	1	0	18.42	18.49	18.47		
20	256QAM	1	49	18.45	18.49	18.60		
20	256QAM	50	0	18.41	18.47	18.53	15.0	0
20	256QAM	50	25	18.41	18.47	18.53		
20	256QAM	50	50	18.50	18.52	18.53		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
15	QPSK	1	0	18.47	18.51	18.55	19.0	0
15	QPSK	1	37	18.48	18.39	18.43		
15	QPSK	36	0	18.41	18.47	18.53	19.0	0
15	QPSK	36	19	18.41	18.47	18.53		
15	QPSK	36	39	18.45	18.51	18.55		
15	16QAM	1	0	18.42	18.49	18.47		
15	16QAM	1	37	18.45	18.49	18.60		
15	16QAM	36	0	18.41	18.47	18.53	18.0	0
15	16QAM	36	19	18.41	18.47	18.53		
15	16QAM	36	39	18.45	18.51	18.55		
15	64QAM	1	0	18.42	18.49	18.47		
15	64QAM	1	37	18.45	18.49	18.60		
15	64QAM	36	0	18.41	18.47	18.53	17.0	0
15	64QAM	36	19	18.41	18.47	18.53		
15	64QAM	36	39	18.45	18.51	18.55		
15	256QAM	1	0	18.42	18.49	18.47		
15	256QAM	1	37	18.45	18.49	18.60		
15	256QAM	36	0	18.41	18.47	18.53	15.0	0
15	256QAM	36	19	18.41	18.47	18.53		
15	256QAM	36	39	18.45	18.51	18.55		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
10	QPSK	1	0	18.47	18.51	18.55	19.0	0
10	QPSK	1	25	18.48	18.39	18.43		
10	QPSK	25	0	18.41	18.47	18.53	19.0	0
10	QPSK	25	13	18.41	18.47	18.53		
10	QPSK	25	25	18.45	18.51	18.55		
10	16QAM	1	0	18.42	18.49	18.47		
10	16QAM	1	25	18.45	18.49	18.60		
10	16QAM	25	0	18.41	18.47	18.53	18.0	0
10	16QAM	25	13	18.41	18.47	18.53		
10	16QAM	25	25	18.45	18.51	18.55		
10	64QAM	1	0	18.42	18.49	18.47		
10	64QAM	1	25	18.45	18.49	18.60		
10	64QAM	25	0	18.41	18.47	18.53	17.0	0
10	64QAM	25	13	18.41	18.47	18.53		
10	64QAM	25	25	18.45	18.51	18.55		
10	256QAM	1	0	18.42	18.49	18.47		
10	256QAM	1	25	18.45	18.49	18.60		
10	256QAM	25	0	18.41	18.47	18.53	15.0	0
10	256QAM	25	13	18.41	18.47	18.53		
10	256QAM	25	25	18.45	18.51	18.55		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
5	QPSK	1	0	18.47	18.51	18.55	19.0	0
5	QPSK	1	12	18.48	18.53	18.48		
5	QPSK	12	0	18.41	18.47	18.53	19.0	0
5	QPSK	12	7	18.41	18.47	18.53		
5	QPSK	12	13	18.45	18.51	18.55		
5	16QAM	1	0	18.42	18.49	18.47		
5	16QAM	1	12	18.45	18.49	18.60		
5	16QAM	12	0	18.41	18.47	18.53	18.0	0
5	16QAM	12	7	18.41	18.47	18.53		
5	16QAM	12	13	18.45	18.51	18.55		
5	64QAM	1	0	18.42	18.49	18.47		
5	64QAM	1	12	18.45	18.49	18.60		
5	64QAM	12	0	18.41	18.47	18.53	17.0	0
5	64QAM	12	7	18.41	18.47	18.53		
5	64QAM	12	13	18.45	18.51	18.55		
5	256QAM	1	0	18.42	18.49	18.47		
5	256QAM	1	12	18.45	18.49	18.60		
5	256QAM	12	0	18.41	18.47	18.53	15.0	0
5	256QAM	12	7	18.41	18.47	18.53		
5	256QAM	12	13	18.45	18.51	18.55		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
3	QPSK	1	0	18.47	18.51	18.55	19.0	0
3	QPSK	1	8	18.48	18.51	18.48		
3	QPSK	8	0	18.41	18.47	18.53	19.0	0
3	QPSK	8	4	18.41	18.47	18.53		
3	QPSK	8	7	18.45	18.51	18.55		
3	16QAM	1	0	18.42	18.49	18.47		
3	16QAM	1	8	18.45	18.49	18.60		
3	16QAM	8	0	18.41	18.47	18.53	18.0	0
3	16QAM	8	4	18.41	18.47	18.53		
3	16QAM	8	7	18.45	18.51	18.55		
3	64QAM	1	0	18.42	18.49	18.47		
3	64QAM	1	8	18.45	18.49	18.60		
3	64QAM	8	0	18.41	18.47	18.53	17.0	0
3	64QAM	8	4	18.41	18.47	18.53		
3	64QAM	8	7	18.45	18.51	18.55		
3	256QAM	1	0	18.42	18.49	18.47		
3	256QAM	1	8	18.45	18.49	18.60		
3	256QAM	8	0	18.41	18.47	18.53	15.0	0
3	256QAM	8	4	18.41	18.47	18.53		
3	256QAM	8	7	18.45	18.51	18.55		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
1.4	QPSK	1	0	18.44	18.47	18.49		
1.4	QPSK	1	3	18.42	18.43	18.48	19.0	0
1.4	QPSK	3	0	18.41	18.47	18.53		
1.4	QPSK	3	2	18.41	18.47	18.53		
1.4	QPSK	3	5	18.45	18.51	18.55		
1.4	16QAM	1	0	18.42	18.49	18.47		
1.4	16QAM	1	3	18.45	18.49	18.60		
1.4	16QAM	3	0	18.41	18.47	18.53	18.0	0
1.4	16QAM	3	2	18.41	18.47	18.53		
1.4	16QAM	3	5	18.45	18.51	18.55		
1.4	64QAM	1	0	18.42	18.49	18.47		
1.4	64QAM	1	3	18.45	18.49	18.60		
1.4	64QAM	3	0	18.41	18.47	18.53	17.0	0
1.4	64QAM	3	2	18.41	18.47	18.53		
1.4	64QAM	3	5	18.45	18.51	18.55		
1.4	256QAM	1	0	18.42	18.49	18.47		
1.4	256QAM	1	3	18.45	18.49	18.60		
1.4	256QAM	3	0	18.41	18.47	18.53	15.0	0
1.4	256QAM	3	2	18.41	18.47	18.53		
1.4	256QAM	3	5	18.45	18.51	18.55		

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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	18.47	18.51	18.55	20.7	0
20	QPSK	1	49	18.45	18.45	18.46		
20	QPSK	50	0	18.41	18.47	18.53	20.7	0
20	QPSK	50	25	18.41	18.47	18.53		
20	QPSK	50	50	18.50	18.52	18.53		
20	16QAM	1	0	18.42	18.49	18.47		
20	16QAM	1	49	18.45	18.45	18.46		
20	16QAM	50	0	18.41	18.47	18.53	20.7	0
20	16QAM	50	25	18.41	18.47	18.53		
20	16QAM	50	50	18.50	18.52	18.53		
20	64QAM	1	0	18.42	18.49	18.47		
20	64QAM	1	49	18.45	18.45	18.46		
20	64QAM	50	0	18.41	18.47	18.53	20.7	0
20	64QAM	50	25	18.41	18.47	18.53		
20	64QAM	50	50	18.50	18.52	18.53		
20	256QAM	1	0	18.42	18.49	18.47		
20	256QAM	1	49	18.45	18.45	18.46		
20	256QAM	50	0	18.41	18.47	18.53	18.2	2.5
20	256QAM	50	25	18.41	18.47	18.53		
20	256QAM	50	50	18.50	18.52	18.53		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
15	QPSK	1	0	18.47	18.51	18.55	20.7	0
15	QPSK	1	37	18.48	18.42	18.42		
15	QPSK	36	0	18.41	18.47	18.53	20.7	0
15	QPSK	36	19	18.41	18.47	18.53		
15	QPSK	36	39	18.45	18.51	18.55		
15	16QAM	1	0	18.42	18.49	18.47		
15	16QAM	1	37	18.45	18.42	18.42		
15	16QAM	36	0	18.41	18.47	18.53	20.7	0
15	16QAM	36	19	18.41	18.47	18.53		
15	16QAM	36	39	18.45	18.51	18.55		
15	64QAM	1	0	18.42	18.49	18.47		
15	64QAM	1	37	18.45	18.42	18.42		
15	64QAM	36	0	18.41	18.47	18.53	20.7	0
15	64QAM	36	19	18.41	18.47	18.53		
15	64QAM	36	39	18.45	18.51	18.55		
15	256QAM	1	0	18.42	18.49	18.47		
15	256QAM	1	37	18.45	18.42	18.42		
15	256QAM	36	0	18.41	18.47	18.53	20.2	0.5
15	256QAM	36	19	18.41	18.47	18.53		
15	256QAM	36	39	18.45	18.51	18.55		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
10	QPSK	1	0	18.47	18.51	18.55	20.7	0
10	QPSK	1	25	18.48	18.42	18.42		
10	QPSK	25	0	18.41	18.47	18.53	20.7	0
10	QPSK	25	13	18.41	18.47	18.53		
10	QPSK	25	25	18.45	18.51	18.55		
10	16QAM	1	0	18.42	18.49	18.47		
10	16QAM	1	25	18.45	18.42	18.42		
10	16QAM	25	0	18.41	18.47	18.53	20.7	0
10	16QAM	25	13	18.41	18.47	18.53		
10	16QAM	25	25	18.45	18.51	18.55		
10	64QAM	1	0	18.42	18.49	18.47		
10	64QAM	1	25	18.45	18.42	18.42		
10	64QAM	25	0	18.41	18.47	18.53	20.2	0.5
10	64QAM	25	13	18.41	18.47	18.53		
10	64QAM	25	25	18.45	18.51	18.55		
10	256QAM	1	0	18.42	18.49	18.47		
10	256QAM	1	25	18.45	18.42	18.42		
10	256QAM	25	0	18.41	18.47	18.53	18.2	2.5
10	256QAM	25	13	18.41	18.47	18.53		
10	256QAM	25	25	18.45	18.51	18.55		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
5	QPSK	1	0	18.47	18.51	18.55	20.7	0
5	QPSK	1	12	18.48	18.45	18.45		
5	QPSK	12	0	18.41	18.47	18.53	20.7	0
5	QPSK	12	7	18.41	18.47	18.53		
5	QPSK	12	13	18.45	18.51	18.55		
5	16QAM	1	0	18.42	18.49	18.47		
5	16QAM	1	12	18.45	18.45	18.45		
5	16QAM	12	0	18.41	18.47	18.53	20.7	0
5	16QAM	12	7	18.41	18.47	18.53		
5	16QAM	12	13	18.45	18.51	18.55		
5	64QAM	1	0	18.42	18.49	18.47		
5	64QAM	1	12	18.45	18.45	18.45		
5	64QAM	12	0	18.41	18.47	18.53	20.2	0.5
5	64QAM	12	7	18.41	18.47	18.53		
5	64QAM	12	13	18.45	18.51	18.55		
5	256QAM	1	0	18.42	18.49	18.47		
5	256QAM	1	12	18.45	18.45	18.45		
5	256QAM	12	0	18.41	18.47	18.53	18.2	2.5
5	256QAM	12	7	18.41	18.47	18.53		
5	256QAM	12	13	18.45	18.51	18.55		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
3	QPSK	1	0	18.47	18.51	18.55	20.7	0
3	QPSK	1	8	18.48	18.42	18.42		
3	QPSK	8	0	18.41	18.47	18.53	20.7	0
3	QPSK	8	4	18.41	18.47	18.53		
3	QPSK	8	7	18.45	18.51	18.55		
3	16QAM	1	0	18.42	18.49	18.47		
3	16QAM	1	8	18.45	18.42	18.42		
3	16QAM	8	0	18.41	18.47	18.53	20.7	0
3	16QAM	8	4	18.41	18.47	18.53		
3	16QAM	8	7	18.45	18.51	18.55		
3	64QAM	1	0	18.42	18.49	18.47		
3	64QAM	1	8	18.45	18.42	18.42		
3	64QAM	8	0	18.41	18.47	18.53	20.7	0
3	64QAM	8	4	18.41	18.47	18.53		
3	64QAM	8	7	18.45	18.51	18.55		
3	256QAM	1	0	18.42	18.49	18.47		
3	256QAM	1	8	18.45	18.42	18.42		
3	256QAM	8	0	18.41	18.47	18.53	20.2	0.5
3	256QAM	8	4	18.41	18.47	18.53		
3	256QAM	8	7	18.45	18.51	18.55		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1719.7	1745	1770.3		
1.4	QPSK	1	0	18.44	18.47	18.49		
1.4	QPSK	1	3	18.42	18.43	18.48	20.7	0
1.4	QPSK	3	0	18.41	18.47	18.53		
1.4	QPSK	3	2	18.41	18.47	18.53		
1.4	QPSK	3	5	18.45	18.51	18.55		
1.4	16QAM	1	0	18.42	18.49	18.47		
1.4	16QAM	1	3	18.45	18.42	18.42		
1.4	16QAM	3	0	18.41	18.47	18.53	20.7	0
1.4	16QAM	3	2	18.41	18.47	18.53		
1.4	16QAM	3	5	18.45	18.51	18.55		
1.4	64QAM	1	0	18.42	18.49	18.47		
1.4	64QAM	1	3	18.45	18.42	18.42		
1.4	64QAM	3	0	18.41	18.47	18.53	20.7	0
1.4	64QAM	3	2	18.41	18.47	18.53		
1.4	64QAM	3	5	18.45	18.51	18.55		
1.4	256QAM	1	0	18.42	18.49	18.47		
1.4	256QAM	1	3	18.45	18.42	18.42		
1.4	256QAM	3	0	18.41	18.47	18.53	20.2	0.5
1.4	256QAM	3	2	18.41	18.47	18.53		
1.4	256QAM	3	5	18.45	18.51	18.55		

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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				133122	133447	133772		
Frequency (MHz)				663	689	715		
20	QPSK	1	0	23.71	23.71	23.73	24.0	0
20	QPSK	1	49	23.73	23.73	23.73		
20	QPSK	50	0	22.73	22.77	22.77	23.0	1
20	QPSK	50	24	22.76	22.82	22.82		
20	QPSK	50	50	22.82	22.82	22.82		
20	16QAM	1	0	22.72	22.67	22.72		
20	16QAM	1	49	22.72	22.67	22.72		
20	16QAM	50	0	21.72	21.77	21.77	22.0	1
20	16QAM	50	24	21.76	21.82	21.82		
20	16QAM	50	50	21.82	21.82	21.82		
20	64QAM	1	0	21.72	21.67	21.72		
20	64QAM	1	49	21.72	21.67	21.72		
20	64QAM	50	0	20.72	20.77	20.77	21.0	2
20	64QAM	50	24	20.76	20.82	20.82		
20	64QAM	50	50	20.82	20.82	20.82		
20	256QAM	1	0	20.72	20.67	20.72		
20	256QAM	1	49	20.72	20.67	20.72		
20	256QAM	50	0	19.72	19.77	19.77	20.0	2
20	256QAM	50	24	19.76	19.82	19.82		
20	256QAM	50	50	19.82	19.82	19.82		
Channel				133122	133447	133772	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				663	689	715		
15	QPSK	1	0	23.71	23.71	23.73	24.0	0
15	QPSK	1	37	23.48	23.62	23.67		
15	QPSK	36	0	22.73	22.77	22.77	23.0	1
15	QPSK	36	19	22.76	22.82	22.82		
15	QPSK	36	39	22.82	22.82	22.82		
15	16QAM	1	0	22.72	22.67	22.72		
15	16QAM	1	37	22.48	22.62	22.67		
15	16QAM	36	0	21.72	21.77	21.77	22.0	1
15	16QAM	36	19	21.76	21.82	21.82		
15	16QAM	36	39	21.82	21.82	21.82		
15	64QAM	1	0	21.72	21.67	21.72		
15	64QAM	1	37	21.48	21.62	21.67		
15	64QAM	36	0	20.72	20.77	20.77	21.0	2
15	64QAM	36	19	20.76	20.82	20.82		
15	64QAM	36	39	20.82	20.82	20.82		
15	256QAM	1	0	20.72	20.67	20.72		
15	256QAM	1	37	20.48	20.62	20.67		
15	256QAM	36	0	19.72	19.77	19.77	20.0	2
15	256QAM	36	19	19.76	19.82	19.82		
15	256QAM	36	39	19.82	19.82	19.82		
Channel				133072	133447	133822	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				662.5	689	715.5		
10	QPSK	1	0	23.71	23.71	23.73	24.0	0
10	QPSK	1	25	23.48	23.62	23.67		
10	QPSK	25	0	22.73	22.77	22.77	23.0	1
10	QPSK	25	13	22.76	22.82	22.82		
10	QPSK	25	25	22.82	22.82	22.82		
10	16QAM	1	0	22.72	22.67	22.72		
10	16QAM	1	25	22.48	22.62	22.67		
10	16QAM	25	0	21.72	21.77	21.77	22.0	1
10	16QAM	25	13	21.76	21.82	21.82		
10	16QAM	25	25	21.82	21.82	21.82		
10	64QAM	1	0	21.72	21.67	21.72		
10	64QAM	1	25	21.48	21.62	21.67		
10	64QAM	25	0	20.72	20.77	20.77	21.0	2
10	64QAM	25	13	20.76	20.82	20.82		
10	64QAM	25	25	20.82	20.82	20.82		
10	256QAM	1	0	20.72	20.67	20.72		
10	256QAM	1	25	20.48	20.62	20.67		
10	256QAM	25	0	19.72	19.77	19.77	20.0	2
10	256QAM	25	13	19.76	19.82	19.82		
10	256QAM	25	25	19.82	19.82	19.82		
Channel				132972	133447	133922	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				662	689	716		
5	QPSK	1	0	23.71	23.71	23.73	24.0	0
5	QPSK	1	12	23.71	23.67	23.68		
5	QPSK	12	0	22.73	22.77	22.77	23.0	1
5	QPSK	12	7	22.76	22.82	22.82		
5	QPSK	12	13	22.82	22.82	22.82		
5	16QAM	1	0	22.72	22.67	22.72		
5	16QAM	1	12	22.72	22.67	22.68		
5	16QAM	12	0	21.72	21.77	21.77	22.0	1
5	16QAM	12	7	21.76	21.82	21.82		
5	16QAM	12	13	21.82	21.82	21.82		
5	64QAM	1	0	21.72	21.67	21.72		
5	64QAM	1	12	21.72	21.67	21.68		
5	64QAM	12	0	20.72	20.77	20.77	21.0	2
5	64QAM	12	7	20.76	20.82	20.82		
5	64QAM	12	13	20.82	20.82	20.82		
5	256QAM	1	0	20.72	20.67	20.72		
5	256QAM	1	12	20.72	20.67	20.68		
5	256QAM	12	0	19.72	19.77	19.77	20.0	2
5	256QAM	12	7	19.76	19.82	19.82		
5	256QAM	12	13	19.82	19.82	19.82		
Channel				132772	133447	134122	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				661	689	717		
3	QPSK	1	0	23.71	23.71	23.73	24.0	0
3	QPSK	1	8	23.71	23.67	23.68		
3	QPSK	8	0	22.73	22.77	22.77	23.0	1
3	QPSK	8	4	22.76	22.82	22.82		
3	QPSK	8	7	22.82	22.82	22.82		
3	16QAM	1	0	22.72	22.67	22.72		
3	16QAM	1	8	22.72	22.67	22.68		
3	16QAM	8	0	21.72	21.77	21.77	22.0	1
3	16QAM	8	4	21.76	21.82	21.82		
3	16QAM	8	7	21.82	21.82	21.82		
3	64QAM	1	0	21.72	21.67	21.72		
3	64QAM	1	8	21.72	21.67	21.68		
3	64QAM	8	0	20.72	20.77	20.77	21.0	2
3	64QAM	8	4	20.76	20.82	20.82		
3	64QAM	8	7	20.82	20.82	20.82		
3	256QAM	1	0	20.72	20.67	20.72		
3	256QAM	1	8	20.72	20.67	20.68		
3	256QAM	8	0	19.72	19.77	19.77	20.0	2
3	256QAM	8	4	19.76	19.82	19.82		
3	256QAM	8	7	19.82	19.82	19.82		
Channel				132572	133447	134322	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				660	689	718

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Mid Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel / Frequency (MHz)				37850 / 2506.0	38000 / 2525.0	38150 / 2544.0		
20	QPSK	1	0	20.63	21.42	20.63	21.8	0
20	QPSK	1	49	20.63	20.66	20.66		
20	QPSK	50	0	20.41	21.21	20.41	21.8	0
20	QPSK	50	25	20.41	20.63	20.41		
20	QPSK	50	50	20.39	20.57	20.17		
20	QPSK	100	0	20.39	20.57	20.17	21.8	0
20	16QAM	1	0	20.62	20.62	20.62		
20	16QAM	1	49	20.62	20.62	20.62		
20	16QAM	50	0	20.39	20.66	20.39	21.4	0.4
20	16QAM	50	25	20.39	20.66	20.39		
20	16QAM	50	50	20.39	20.66	20.39		
20	16QAM	100	0	20.39	20.6	20.67	21.4	0.4
20	64QAM	1	0	19.58	19.58	19.58		
20	64QAM	1	49	19.58	19.58	19.58		
20	64QAM	50	0	19.58	19.58	19.58	20.4	1.4
20	64QAM	50	25	19.58	19.58	19.58		
20	64QAM	50	50	19.58	19.58	19.58		
20	64QAM	100	0	19.58	19.58	19.58		
20	256QAM	1	0	17.43	17.43	17.43	18.4	3.4
20	256QAM	1	49	17.43	17.43	17.43		
20	256QAM	50	0	17.43	17.43	17.43	18.4	3.4
20	256QAM	50	25	17.43	17.43	17.43		
20	256QAM	50	50	17.43	17.43	17.43		
20	256QAM	100	0	17.43	17.43	17.43		
Channel / Frequency (MHz)				38000 / 2525.0	38175 / 2544.5	38350 / 2564.0	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	20.67	20.69	20.67	21.8	0
15	QPSK	1	37	20.67	20.69	20.67		
15	QPSK	1	74	20.61	20.61	20.61		
15	QPSK	36	0	20.63	20.63	20.63	21.8	0
15	QPSK	36	19	20.63	20.63	20.63		
15	QPSK	36	39	20.48	20.47	20.48		
15	16QAM	1	0	20.63	20.63	20.63	21.8	0
15	16QAM	1	37	20.63	20.63	20.63		
15	16QAM	1	74	20.62	20.62	20.62		
15	16QAM	36	0	20.59	20.59	20.59	21.4	0.4
15	16QAM	36	19	20.59	20.59	20.59		
15	16QAM	36	39	20.48	20.48	20.48		
15	64QAM	1	0	20.55	20.55	20.55	21.4	0.4
15	64QAM	1	37	20.55	20.55	20.55		
15	64QAM	1	74	20.55	20.55	20.55		
15	64QAM	36	0	19.57	19.57	19.57	20.4	1.4
15	64QAM	36	19	19.57	19.57	19.57		
15	64QAM	36	39	19.46	19.46	19.46		
15	256QAM	1	0	17.42	17.43	17.38	18.4	3.4
15	256QAM	1	37	17.42	17.43	17.38		
15	256QAM	1	74	17.42	17.43	17.38		
15	256QAM	36	0	17.37	17.38	17.29	18.4	3.4
15	256QAM	36	19	17.37	17.38	17.29		
15	256QAM	36	39	17.26	17.27	17.21		
Channel / Frequency (MHz)				38018 / 2526.8	38175 / 2544.5	38332 / 2562.2	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	20.66	20.66	20.66	21.8	0
10	QPSK	1	25	20.66	20.66	20.66		
10	QPSK	1	49	20.48	20.48	20.48		
10	QPSK	25	0	20.63	20.63	20.63	21.8	0
10	QPSK	25	13	20.63	20.63	20.63		
10	QPSK	25	25	20.62	20.62	20.62		
10	16QAM	1	0	20.65	20.65	20.65	21.8	0
10	16QAM	1	25	20.65	20.65	20.65		
10	16QAM	1	49	20.47	20.47	20.47		
10	16QAM	25	0	20.62	20.62	20.62	21.4	0.4
10	16QAM	25	13	20.62	20.62	20.62		
10	16QAM	25	25	20.46	20.46	20.46		
10	64QAM	1	0	20.57	20.57	20.57	21.4	0.4
10	64QAM	1	25	20.57	20.57	20.57		
10	64QAM	1	49	20.46	20.46	20.46		
10	64QAM	25	0	19.59	19.59	19.59	20.4	1.4
10	64QAM	25	13	19.59	19.59	19.59		
10	64QAM	25	25	19.48	19.48	19.48		
10	256QAM	1	0	17.45	17.45	17.40	18.4	3.4
10	256QAM	1	25	17.45	17.45	17.40		
10	256QAM	1	49	17.34	17.34	17.29		
10	256QAM	25	0	17.40	17.40	17.31	18.4	3.4
10	256QAM	25	13	17.40	17.40	17.31		
10	256QAM	25	25	17.29	17.29	17.21		
Channel / Frequency (MHz)				38019 / 2526.9	38175 / 2544.5	38331 / 2562.1	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	20.67	20.67	20.67	21.8	0
5	QPSK	1	12	20.67	20.67	20.67		
5	QPSK	1	24	20.64	20.64	20.64		
5	QPSK	12	0	20.63	20.63	20.63	21.8	0
5	QPSK	12	6	20.63	20.63	20.63		
5	QPSK	12	12	20.62	20.62	20.62		
5	16QAM	1	0	20.65	20.65	20.65	21.8	0
5	16QAM	1	12	20.65	20.65	20.65		
5	16QAM	1	24	20.47	20.47	20.47		
5	16QAM	12	0	20.62	20.62	20.62	21.4	0.4
5	16QAM	12	6	20.62	20.62	20.62		
5	16QAM	12	12	20.46	20.47	20.46		
5	64QAM	1	0	20.57	20.57	20.57	21.4	0.4
5	64QAM	1	12	20.57	20.57	20.57		
5	64QAM	1	24	20.46	20.46	20.46		
5	64QAM	12	0	19.59	19.59	19.59	20.4	1.4
5	64QAM	12	6	19.59	19.59	19.59		
5	64QAM	12	12	19.48	19.48	19.48		
5	256QAM	1	0	17.45	17.45	17.40	18.4	3.4
5	256QAM	1	12	17.45	17.45	17.40		
5	256QAM	1	24	17.34	17.34	17.29		
5	256QAM	12	0	17.40	17.40	17.31	18.4	3.4
5	256QAM	12	6	17.40	17.40	17.31		
5	256QAM	12	12	17.29	17.29	17.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Mid Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel / Frequency (MHz)				37850 / 2506.0	38000 / 2525.0	38150 / 2544.0		
20	QPSK	1	0	21.43	21.42	21.43	22.3	0
20	QPSK	1	49	21.43	21.43	21.43		
20	QPSK	50	0	21.43	21.43	21.43	22.3	0
20	QPSK	50	25	21.43	21.43	21.43		
20	QPSK	50	50	21.43	21.43	21.43		
20	QPSK	100	0	21.43	21.43	21.43	22.3	0
20	16QAM	1	0	21.43	21.43	21.43		
20	16QAM	1	49	21.43	21.43	21.43		
20	16QAM	50	0	21.43	21.43	21.43	22.3	0
20	16QAM	50	25	21.43	21.43	21.43		
20	16QAM	50	50	21.43	21.43	21.43		
20	16QAM	100	0	21.43	21.43	21.43	22.3	0
20	64QAM	1	0	21.43	21.43	21.43		
20	64QAM	1	49	21.43	21.43	21.43		
20	64QAM	50	0	21.43	21.43	21.43	21.8	0.5
20	64QAM	50	25	21.43	21.43	21.43		
20	64QAM	50	50	21.43	21.43	21.43		
20	64QAM	100	0	21.43	21.43	21.43	21.8	0.5
20	256QAM	1	0	18.85	18.85	18.85		
20	256QAM	1	49	18.85	18.85	18.85		
20	256QAM	50	0	18.85	18.85	18.85	19.8	2.5
20	256QAM	50	25	18.85	18.85	18.85		
20	256QAM	50	50	18.85	18.85	18.85		
20	256QAM	100	0	18.85	18.85	18.85	19.8	2.5
Channel / Frequency (MHz)				38000 / 2525.0	38175 / 2544.5	38350 / 2564.0	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	21.33	21.38	21.33	22.3	0
15	QPSK	1	37	21.33	21.38	21.33		
15	QPSK	1	74	21.33	21.38	21.33		
15	QPSK	36	0	21.33	21.38	21.33	22.3	0
15	QPSK	36	19	21.33	21.38	21.33		
15	QPSK	36	39	21.33	21.38	21.33		
15	16QAM	1	0	21.33	21.38	21.33	22.3	0
15	16QAM	1	37	21.33	21.38	21.33		
15	16QAM	1	74	21.33	21.38	21.33		
15	16QAM	36	0	21.33	21.38	21.33	22.3	0
15	16QAM	36	19	21.33	21.38	21.33		
15	16QAM	36	39	21.33	21.38	21.33		
15	64QAM	1	0	21.33	21.38	21.33	22.3	0
15	64QAM	1	37	21.33	21.38	21.33		
15	64QAM	1	74	21.33	21.38	21.33		
15	64QAM	36	0	21.33	21.38	21.33	21.8	0.5
15	64QAM	36	19	21.33	21.38	21.33		
15	64QAM	36	39	21.33	21.38	21.33		
15	256QAM	1	0	18.85	18.85	18.85	19.8	2.5
15	256QAM	1	37	18.85	18.85	18.85		
15	256QAM	1	74	18.85	18.85	18.85		
15	256QAM	36	0	18.85	18.85	18.85	19.8	2.5
15	256QAM	36	19	18.85	18.85	18.85		
15	256QAM	36	39	18.85	18.85	18.85		
Channel / Frequency (MHz)				38018 / 2526.8	38175 / 2544.5	38332 / 2562.2	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	21.33	21.38	21.33	22.3	0
10	QPSK	1	25	21.33	21.38	21.33		
10	QPSK	1	49	21.33	21.38	21.33		
10	QPSK	25	0	21.33	21.38	21.33	22.3	0
10	QPSK	25	13	21.33	21.38	21.33		
10	QPSK	25	25	21.33	21.38	21.33		
10	16QAM	1	0	21.33	21.38	21.33	22.3	0
10	16QAM	1	25	21.33	21.38	21.33		
10	16QAM	1	49	21.33	21.38	21.33		
10	16QAM	25	0	21.33	21.38	21.33	22.3	0
10	16QAM	25	13	21.33	21.38	21.33		
10	16QAM	25	25	21.33	21.38	21.33		
10	64QAM	1	0	21.33	21.38	21.33	22.3	0
10	64QAM	1	25	21.33	21.38	21.33		
10	64QAM	1	49	21.33	21.38	21.33		
10	64QAM	25	0	21.33	21.38	21.33	21.8	0.5
10	64QAM	25	13	21.33	21.38	21.33		
10	64QAM	25	25	21.33	21.38	21.33		
10	256QAM	1	0	18.85	18.85	18.85	19.8	2.5
10	256QAM	1	25	18.85	18.85	18.85		
10	256QAM	1	49	18.85	18.85	18.85		
10	256QAM	25	0	18.85	18.85	18.85	19.8	2.5
10	256QAM	25	13	18.85	18.85	18.85		
10	256QAM	25	25	18.85	18.85	18.85		
Channel / Frequency (MHz)				38019 / 2526.9	38175 / 2544.5	38331 / 2562.1	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	21.33	21.38	21.33	22.3	0
5	QPSK	1	12	21.33	21.38	21.33		
5	QPSK	1	24	21.33	21.38	21.33		
5	QPSK	12	0	21.33	21.38	21.33	22.3	0
5	QPSK	12	6	21.33	21.38	21.33		
5	QPSK	12	12	21.33	21.38	21.33		
5	16QAM	1	0	21.33	21.38	21.33	22.3	0
5	16QAM	1	12	21.33	21.38	21.33		
5	16QAM	1	24	21.33	21.38	21.33		
5	16QAM	12	0	21.33	21.38	21.33	22.3	0
5	16QAM	12	6	21.33	21.38	21.33		
5	16QAM	12	12	21.33	21.38	21.33		
5	64QAM	1	0	21.33	21.38	21.33	22.3	0
5	64QAM	1	12	21.33	21.38	21.33		
5	64QAM	1	24	21.33	21.38	21.33		
5	64QAM	12	0	21.33	21.38	21.33	21.8	0.5
5	64QAM	12	6	21.33	21.38	21.33		
5	64QAM	12	12	21.33	21.38	21.33		
5	256QAM	1	0	18.85	18.85	18.85	19.8	2.5
5	256QAM	1	12	18.85	18.85	18.85		
5	256QAM	1	24	18.85	18.85	18.85		
5	256QAM	12	0	18.85	18.85	18.85	19.8	2.5
5	256QAM	12	6	18.85	18.85	18.85		
5	256QAM	12	12	18.85	18.85	18.85		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Low Middle Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel / Frequency (MHz)				39750 / 2496.0	40185 / 2549.5	40620 / 2603.0	41055 / 2656.5	41490 / 2710.0		
20	QPSK	1	0	22.63	22.38	22.37	22.37	22.38	21.8	0
20	QPSK	1	49	22.63	22.38	22.37	22.37	22.38		
20	QPSK	50	0	22.64	22.40	22.6	22.6	22.40	21.8	0
20	QPSK	50	25	22.64	22.40	22.6	22.6	22.40		
20	QPSK	50	50	22.64	22.40	22.6	22.6	22.40		
20	QPSK	100	0	22.64	22.40	22.6	22.6	22.40	21.8	0
20	16QAM	1	0	22.63	22.38	22.37	22.37	22.38		
20	16QAM	1	49	22.63	22.38	22.37	22.37	22.38		
20	16QAM	50	0	22.64	22.40	22.63	22.63	22.40	21.4	0.4
20	16QAM	50	25	22.64	22.40	22.63	22.63	22.40		
20	16QAM	50	50	22.64	22.40	22.63	22.63	22.40		
20	16QAM	100	0	22.64	22.40	22.63	22.63	22.40	21.4	0.4
20	64QAM	1	0	22.12	22.12	22.12	22.12	22.12		
20	64QAM	1	49	22.12	22.12	22.12	22.12	22.12		
20	64QAM	50	0	19.71	19.75	19.61	19.68	19.68	20.4	1.4
20	64QAM	50	25	19.71	19.75	19.61	19.68	19.68		
20	64QAM	50	50	19.71	19.75	19.61	19.68	19.68		
20	64QAM	100	0	19.71	19.75	19.61	19.68	19.68	20.4	1.4
20	256QAM	1	0	17.64	17.61	17.65	17.65	17.73	18.4	3.4
20	256QAM	1	49	17.64	17.61	17.65	17.65	17.73		
20	256QAM	50	0	17.64	17.61	17.65	17.65	17.73	18.4	3.4
20	256QAM	50	25	17.64	17.61	17.65	17.65	17.73		
20	256QAM	50	50	17.64	17.61	17.65	17.65	17.73		
20	256QAM	100	0	17.64	17.61	17.65	17.65	17.73		
Channel / Frequency (MHz)				40140 / 2547.0	40275 / 2560.5	40410 / 2574.0	40545 / 2587.5	40680 / 2601.0	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.63	22.39	22.63	22.47	22.63	21.80	0
15	QPSK	1	37	22.63	22.39	22.63	22.47	22.63		
15	QPSK	1	74	22.53	22.39	22.53	22.39	22.53		
15	QPSK	36	0	22.63	22.39	22.63	22.47	22.63	21.8	0
15	QPSK	36	19	22.63	22.39	22.63	22.47	22.63		
15	QPSK	36	39	22.53	22.39	22.53	22.39	22.53		
15	16QAM	1	0	22.63	22.39	22.63	22.47	22.63	21.8	0
15	16QAM	1	37	22.63	22.39	22.63	22.47	22.63		
15	16QAM	1	74	22.53	22.39	22.53	22.39	22.53		
15	16QAM	36	0	22.63	22.39	22.63	22.47	22.63	21.4	0.4
15	16QAM	36	19	22.63	22.39	22.63	22.47	22.63		
15	16QAM	36	39	22.53	22.39	22.53	22.39	22.53		
15	64QAM	1	0	22.63	22.39	22.63	22.47	22.63	21.4	0.4
15	64QAM	1	37	22.63	22.39	22.63	22.47	22.63		
15	64QAM	1	74	22.53	22.39	22.53	22.39	22.53		
15	64QAM	36	0	22.63	22.39	22.63	22.47	22.63	20.4	1.4
15	64QAM	36	19	22.63	22.39	22.63	22.47	22.63		
15	64QAM	36	39	22.53	22.39	22.53	22.39	22.53		
15	256QAM	1	0	17.71	17.26	17.65	17.56	17.71	18.4	3.4
15	256QAM	1	37	17.71	17.26	17.65	17.56	17.71		
15	256QAM	1	74	17.61	17.26	17.55	17.56	17.71		
15	256QAM	36	0	17.71	17.26	17.65	17.56	17.71	18.4	3.4
15	256QAM	36	19	17.71	17.26	17.65	17.56	17.71		
15	256QAM	36	39	17.61	17.26	17.55	17.56	17.71		
Channel / Frequency (MHz)				40190 / 2549.0	40295 / 2559.5	40400 / 2570.0	40505 / 2580.5	40610 / 2591.0	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.65	22.41	22.65	22.48	22.65	21.80	0
10	QPSK	1	25	22.65	22.41	22.65	22.48	22.65		
10	QPSK	1	49	22.55	22.41	22.55	22.41	22.55		
10	QPSK	25	0	22.57	22.37	22.57	22.37	22.57	21.8	0
10	QPSK	25	13	22.57	22.37	22.57	22.37	22.57		
10	QPSK	25	25	22.47	22.37	22.47	22.37	22.47		
10	16QAM	1	0	22.65	22.41	22.65	22.48	22.65	21.8	0
10	16QAM	1	25	22.65	22.41	22.65	22.48	22.65		
10	16QAM	1	49	22.55	22.41	22.55	22.41	22.55		
10	16QAM	25	0	22.57	22.37	22.57	22.37	22.57	21.4	0.4
10	16QAM	25	13	22.57	22.37	22.57	22.37	22.57		
10	16QAM	25	25	22.47	22.37	22.47	22.37	22.47		
10	64QAM	1	0	22.65	22.41	22.65	22.48	22.65	21.4	0.4
10	64QAM	1	25	22.65	22.41	22.65	22.48	22.65		
10	64QAM	1	49	22.55	22.41	22.55	22.41	22.55		
10	64QAM	25	0	22.57	22.37	22.57	22.37	22.57	20.4	1.4
10	64QAM	25	13	22.57	22.37	22.57	22.37	22.57		
10	64QAM	25	25	22.47	22.37	22.47	22.37	22.47		
10	256QAM	1	0	17.71	17.26	17.65	17.56	17.71	18.4	3.4
10	256QAM	1	25	17.71	17.26	17.65	17.56	17.71		
10	256QAM	1	49	17.61	17.26	17.55	17.56	17.71		
10	256QAM	25	0	17.71	17.26	17.65	17.56	17.71	18.4	3.4
10	256QAM	25	13	17.71	17.26	17.65	17.56	17.71		
10	256QAM	25	25	17.61	17.26	17.55	17.56	17.71		
Channel / Frequency (MHz)				40191 / 2549.1	40296 / 2559.6	40401 / 2570.1	40506 / 2580.6	40611 / 2591.1	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.65	22.41	22.65	22.48	22.65	21.80	0
5	QPSK	1	12	22.65	22.41	22.65	22.48	22.65		
5	QPSK	1	24	22.55	22.41	22.55	22.41	22.55		
5	QPSK	12	0	22.57	22.37	22.57	22.37	22.57	21.8	0
5	QPSK	12	6	22.57	22.37	22.57	22.37	22.57		
5	QPSK	12	12	22.47	22.37	22.47	22.37	22.47		
5	16QAM	1	0	22.65	22.41	22.65	22.48	22.65	21.8	0
5	16QAM	1	12	22.65	22.41	22.65	22.48	22.65		
5	16QAM	1	24	22.55	22.41	22.55	22.41	22.55		
5	16QAM	12	0	22.57	22.37	22.57	22.37	22.57	21.4	0.4
5	16QAM	12	6	22.57	22.37	22.57	22.37	22.57		
5	16QAM	12	12	22.47	22.37	22.47	22.37	22.47		
5	64QAM	1	0	22.65	22.41	22.65	22.48	22.65	21.4	0.4
5	64QAM	1	12	22.65	22.41	22.65	22.48	22.65		
5	64QAM	1	24	22.55	22.41	22.55	22.41	22.55		
5	64QAM	12	0	22.57	22.37	22.57	22.37	22.57	20.4	1.4
5	64QAM	12	6	22.57	22.37	22.57	22.37	22.57		
5	64QAM	12	12	22.47	22.37	22.47	22.37	22.47		
5	256QAM	1	0	17.71	17.26	17.65	17.56	17.71	18.4	3.4
5	256QAM	1	12	17.71	17.26	17.65	17.56	17.71		
5	256QAM	1	24	17.61	17.26	17.55	17.56	17.71		
5	256QAM	12	0	17.71	17.26	17.65	17.56	17.71	18.4	3.4
5	256QAM	12	6	17.71	17.26	17.65	17.56	17.71		
5	256QAM	12	12	17.61	17.26	17.55	17.56	17.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (dBm)	Power Low Middle Ch. / Freq. (dBm)	Power Middle Ch. / Freq. (dBm)	Power High Middle Ch. / Freq. (dBm)	Power High Ch. / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel / Frequency (MHz)				39750 / 2496.0	40185 / 2549.5	40620 / 2603.0	41055 / 2656.5	41490 / 2710.0		
20	QPSK	1	0	21.37	21.37	21.37	21.37	21.37	22.3	0
20	QPSK	1	49	21.37	21.37	21.37	21.37	21.37		
20	QPSK	50	0	21.26	21.26	21.26	21.26	21.26	22.3	0
20	QPSK	50	25	21.26	21.26	21.26	21.26	21.26		
20	QPSK	50	50	21.26	21.26	21.26	21.26	21.26		
20	QPSK	100	0	21.26	21.26	21.26	21.26	21.26	22.3	0
20	16QAM	1	0	21.37	21.37	21.37	21.37	21.37		
20	16QAM	1	49	21.37	21.37	21.37	21.37	21.37		
20	16QAM	50	0	21.26	21.26	21.26	21.26	21.26	22.3	0
20	16QAM	50	25	21.26	21.26	21.26	21.26	21.26		
20	16QAM	50	50	21.26	21.26	21.26	21.26	21.26		
20	16QAM	100	0	21.26	21.26	21.26	21.26	21.26	22.3	0
20	64QAM	1	0	21.26	21.26	21.26	21.26	21.26		
20	64QAM	1	49	21.26	21.26	21.26	21.26	21.26		
20	64QAM	50	0	21.26	21.26	21.26	21.26	21.26	21.8	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. [dBm]	Power Low Middle Ch. / Freq. [dBm]	Power Middle Ch. / Freq. [dBm]	Power High Middle Ch. / Freq. [dBm]	Power High Ch. / Freq. [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel / Frequency [MHz]										
20	QPSK	1	0	18.48	18.48	18.47	18.48	18.48	17.5	0
20	QPSK	1	49	18.48	18.48	18.48	18.48	18.48		
20	QPSK	1	99	18.48	18.48	18.47	18.48	18.48		
20	QPSK	50	0	18.48	18.48	18.48	18.48	18.48	17.5	0
20	QPSK	50	25	18.48	18.48	18.47	18.48	18.48		
20	QPSK	50	50	18.48	18.48	18.47	18.48	18.48		
20	16QAM	1	0	18.47	18.48	18.47	18.47	18.48	17.5	0
20	16QAM	1	49	18.47	18.48	18.47	18.47	18.48		
20	16QAM	1	99	18.47	18.48	18.47	18.47	18.48		
20	16QAM	50	0	18.48	18.48	18.47	18.48	18.48	17.5	0
20	16QAM	50	25	18.48	18.48	18.47	18.48	18.48		
20	16QAM	50	50	18.48	18.48	18.47	18.48	18.48		
20	64QAM	1	0	18.47	18.47	18.47	18.47	18.48	17.5	0
20	64QAM	1	49	18.47	18.47	18.47	18.47	18.48		
20	64QAM	1	99	18.47	18.47	18.47	18.47	18.48		
20	64QAM	50	0	18.48	18.48	18.47	18.48	18.48	17.5	0
20	64QAM	50	25	18.48	18.48	18.47	18.48	18.48		
20	64QAM	50	50	18.48	18.48	18.47	18.48	18.48		
20	256QAM	1	0	18.47	18.47	18.46	18.46	18.48	17.5	0
20	256QAM	1	49	18.47	18.47	18.46	18.46	18.48		
20	256QAM	1	99	18.47	18.47	18.46	18.46	18.48		
20	256QAM	50	0	18.47	18.47	18.46	18.46	18.48	17.5	0
20	256QAM	50	25	18.47	18.47	18.46	18.46	18.48		
20	256QAM	50	50	18.47	18.47	18.46	18.46	18.48		
Channel / Frequency [MHz]										
15	QPSK	1	0	18.48	18.48	18.48	18.48	18.48	17.96	0
15	QPSK	1	37	18.48	18.48	18.48	18.48	18.48		
15	QPSK	1	74	18.48	18.48	18.48	18.48	18.48		
15	QPSK	36	0	18.48	18.48	18.48	18.48	18.48	17.5	0
15	QPSK	36	19	18.48	18.48	18.48	18.48	18.48		
15	QPSK	36	39	18.48	18.48	18.48	18.48	18.48		
15	16QAM	1	0	18.48	18.48	18.48	18.48	18.48	17.5	0
15	16QAM	1	37	18.48	18.48	18.48	18.48	18.48		
15	16QAM	1	74	18.48	18.48	18.48	18.48	18.48		
15	16QAM	36	0	18.48	18.48	18.48	18.48	18.48	17.5	0
15	16QAM	36	19	18.48	18.48	18.48	18.48	18.48		
15	16QAM	36	39	18.48	18.48	18.48	18.48	18.48		
15	64QAM	1	0	18.48	18.48	18.48	18.48	18.48	17.5	0
15	64QAM	1	37	18.48	18.48	18.48	18.48	18.48		
15	64QAM	1	74	18.48	18.48	18.48	18.48	18.48		
15	64QAM	36	0	18.48	18.48	18.48	18.48	18.48	17.5	0
15	64QAM	36	19	18.48	18.48	18.48	18.48	18.48		
15	64QAM	36	39	18.48	18.48	18.48	18.48	18.48		
15	256QAM	1	0	18.48	18.48	18.48	18.48	18.48	17.5	0
15	256QAM	1	37	18.48	18.48	18.48	18.48	18.48		
15	256QAM	1	74	18.48	18.48	18.48	18.48	18.48		
15	256QAM	36	0	18.48	18.48	18.48	18.48	18.48	17.5	0
15	256QAM	36	19	18.48	18.48	18.48	18.48	18.48		
15	256QAM	36	39	18.48	18.48	18.48	18.48	18.48		
Channel / Frequency [MHz]										
10	QPSK	1	0	18.48	18.48	18.47	18.48	18.48	17.96	0
10	QPSK	1	24	18.48	18.48	18.47	18.48	18.48		
10	QPSK	1	49	18.48	18.48	18.47	18.48	18.48		
10	QPSK	25	0	18.48	18.48	18.47	18.48	18.48	17.5	0
10	QPSK	25	12	18.48	18.48	18.47	18.48	18.48		
10	QPSK	25	25	18.48	18.48	18.47	18.48	18.48		
10	16QAM	1	0	18.48	18.48	18.47	18.48	18.48	17.5	0
10	16QAM	1	24	18.48	18.48	18.47	18.48	18.48		
10	16QAM	1	49	18.48	18.48	18.47	18.48	18.48		
10	16QAM	25	0	18.48	18.48	18.47	18.48	18.48	17.5	0
10	16QAM	25	12	18.48	18.48	18.47	18.48	18.48		
10	16QAM	25	25	18.48	18.48	18.47	18.48	18.48		
10	64QAM	1	0	18.48	18.48	18.47	18.48	18.48	17.5	0
10	64QAM	1	24	18.48	18.48	18.47	18.48	18.48		
10	64QAM	1	49	18.48	18.48	18.47	18.48	18.48		
10	64QAM	25	0	18.48	18.48	18.47	18.48	18.48	17.5	0
10	64QAM	25	12	18.48	18.48	18.47	18.48	18.48		
10	64QAM	25	25	18.48	18.48	18.47	18.48	18.48		
10	256QAM	1	0	18.48	18.48	18.47	18.48	18.48	17.5	0
10	256QAM	1	24	18.48	18.48	18.47	18.48	18.48		
10	256QAM	1	49	18.48	18.48	18.47	18.48	18.48		
10	256QAM	25	0	18.48	18.48	18.47	18.48	18.48	17.5	0
10	256QAM	25	12	18.48	18.48	18.47	18.48	18.48		
10	256QAM	25	25	18.48	18.48	18.47	18.48	18.48		
Channel / Frequency [MHz]										
5	QPSK	1	0	18.48	18.48	18.48	18.48	18.48	17.96	0
5	QPSK	1	12	18.48	18.48	18.48	18.48	18.48		
5	QPSK	1	24	18.48	18.48	18.48	18.48	18.48		
5	QPSK	12	0	18.48	18.48	18.48	18.48	18.48	17.5	0
5	QPSK	12	6	18.48	18.48	18.48	18.48	18.48		
5	QPSK	12	13	18.48	18.48	18.48	18.48	18.48		
5	16QAM	1	0	18.48	18.48	18.48	18.48	18.48	17.5	0
5	16QAM	1	12	18.48	18.48	18.48	18.48	18.48		
5	16QAM	1	24	18.48	18.48	18.48	18.48	18.48		
5	16QAM	12	0	18.48	18.48	18.48	18.48	18.48	17.5	0
5	16QAM	12	6	18.48	18.48	18.48	18.48	18.48		
5	16QAM	12	13	18.48	18.48	18.48	18.48	18.48		
5	64QAM	1	0	18.48	18.48	18.48	18.48	18.48	17.5	0
5	64QAM	1	12	18.48	18.48	18.48	18.48	18.48		
5	64QAM	1	24	18.48	18.48	18.48	18.48	18.48		
5	64QAM	12	0	18.48	18.48	18.48	18.48	18.48	17.5	0
5	64QAM	12	6	18.48	18.48	18.48	18.48	18.48		
5	64QAM	12	13	18.48	18.48	18.48	18.48	18.48		
5	256QAM	1	0	18.48	18.48	18.48	18.48	18.48	17.5	0
5	256QAM	1	12	18.48	18.48	18.48	18.48	18.48		
5	256QAM	1	24	18.48	18.48	18.48	18.48	18.48		
5	256QAM	12	0	18.48	18.48	18.48	18.48	18.48	17.5	0
5	256QAM	12	6	18.48	18.48	18.48	18.48	18.48		
5	256QAM	12	13	18.48	18.48	18.48	18.48	18.48		

Band 41_Ant 4 (HPUE)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. [dBm]	Power Low Middle Ch. / Freq. [dBm]	Power Middle Ch. / Freq. [dBm]	Power High Middle Ch. / Freq. [dBm]	Power High Ch. / Freq. [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel / Frequency [MHz]										
20	QPSK	1	0	23.38	23.37	23.41	23.42	23.42	23.4	0
20	QPSK	1	49	23.38	23.37	23.41	23.42	23.42		
20	QPSK	1	99	23.38	23.37	23.41	23.42	23.42		
20	QPSK	50	0	23.38	23.37	23.41	23.42	23.42	23.4	0
20	QPSK	50	25	23.38	23.37	23.41	23.42	23.42		
20	QPSK	50	50	23.38	23.37	23.41	23.42	23.42		
20	16QAM	1	0	23.37	23.37	23.41	23.42	23.42	23.4	0
20	16QAM	1	49	23.37	23.37	23.41	23.42	23.42		
20	16QAM	1	99	23.37	23.37	23.41	23.42	23.42		
20	16QAM	50	0	23.38	23.37	23.41	23.42	23.42	23.4	0
20	16QAM	50	25	23.38	23.37	23.41	23.42	23.42		
20	16QAM	50	50	23.38	23.37	23.41	23.42	23.42		
20	64QAM	1	0	23.37	23.37	23.41	23.42	23.42	23.4	0
20	64QAM	1	49	23.37	23.37	23.41	23.42	23.42		
20	64QAM	1	99	23.37	23.37	23.41	23.42	23.42		
20	64QAM	50	0	23.38	23.37	23.41	23.42	23.42	23.4	0
20	64QAM	50	25	23.38	23.37	23.41	23.42	23.42		
20	64QAM	50	50	23.38	23.37	23.41	23.42	23.42		
20	256QAM	1	0	23.37	23.37	23.41	23.42	23.42	22.4	1
20	256QAM	1	49	23.37	23.37	23.41	23.42	23.42		
20	256QAM	1	99	23.37	23.37	23.41	23.42	23.42		
20	256QAM	50	0	23.38	23.37	23.41	23.42	23.42	20.4	3
20	256QAM	50	25	23.38	23.37	23.41	23.42	23.42		
20	256QAM	50	50	23.38	23.37	23.41	23.42	23.42		
Channel / Frequency [MHz]										
15	QPSK	1	0	22.49	22.49	22.53	22.52	22.52	23.46	0
15	QPSK	1	37	22.49	22.49	22.53	22.52	22.52		
15	QPSK	1	74	22.49	22.49	22.53	22.52	22.52		
15	QPSK	36	0	22.49	22.49	22.53	22.52	22.52	23.4	0
15	QPSK	36	19	22.49	22.49	22.53	22.52	22.52		
15	QPSK	36	39	22.49	22.49	22.53	22.52	22.52		
15	16QAM	1	0	22.49	22.49	22.53	22.52	22.52	23.4	0
15	16QAM	1	37	22.49	22.49	22.53	22.52	22.52		
15	16QAM	1	74	22.49	22.49	22.53	22.52	22.52		
15	16QAM	36	0	22.49	22.49	22.53	22.52	22.52	23.4	0
15	16QAM	36	19	22.49	22.49	22.53	22.52	22.52		
15	16QAM	36	39	22.49	22.49	22.53	22.52	22.52		
15	64QAM	1	0	22.49	22.49	22.53	22.52	22.52	23.4	0
15	64QAM	1	37	22.49	22.49	22.53	22.52	22.52		
15	64QAM	1	74	22.49	22.49	22.53	22.52	22.52		
15	64QAM	36	0	22.49	22.49	22.53	22.52	22.52	23.4	0
15	64QAM	36	19	22.49	22.49	22.53	22.52	22.52		
15	64QAM	36	39	22.49	22.49	22.53	22.52	22.52		
15	256QAM	1	0	21.49	21.49	21.53	21.52	21.52	22.4	1
15	256QAM	1	37	21.49	21.49	21.53	21.52	21.52		
15	256QAM	1	74	21.49	21.49	21.53	21.52	21.52		
15	256QAM	36	0	19.49	19.49	19.53	19.52	19.52	20.4	3
15	256QAM	36	19	19.49	19.49	19.53	19.52	19.52		
15	256QAM	36	39	19.49	19.49	19.53	19.52	19.52		
Channel / Frequency [MHz]										
10	QPSK	1	0	22.49	22.49	22.53	22.52	22.52	23.46	0
10	QPSK	1	24	22.49	22.49	22.53	22.52	22.52		
10	QPSK	1	49	22.49	22.49	22.53	22.52	22.52		
10	QPSK	25	0	22.49	22.49	22.53	22.52	22.52	23.4	0
10	QPSK	25	12	22.49	22.49	22.53	22.52	22.52		
10	QPSK	25	25	22.49	22.49	22.53	22.52	22.52		
10	16QAM	1	0	22.49	22.49	22.53	22.52	22.52	23.4	0
10	16QAM	1	24	22.49	22.49	22.53	22.52	22.52		
10	16QAM	1	49	22.49	22.49	22.53	22.52	22.52		
10	16QAM	25	0	22.49	22.49	22.53	22.52	22.52	23.4	0
10	16QAM	25	12	22.49	22.49	22.53	22.52	22.52		
10	16QAM	25	25	22.49	22.49	22.53	22.52	22.52		
10	64QAM	1	0	21.49	21.49	21.53	21.52	21.52	22.4	1
10	64QAM	1	24	21.49	21.49	21.53	21.52	21.52		
10	64QAM	1	49	21.49	21.49	21.53	21.52	21.52		
10	64QAM	25	0	19.49	19.49	19.53	19.52	19.52	20.4	3
10	64QAM	25	12	19.49	19.49	19.53	19.52	19.52		
10	64QAM	25	25	19.49	19.49	19.53	19.52	19.52		
10	256QAM	1	0	19.49	19.49	19.53	19.52	19.52	20.4	3
10	256QAM	1	24	19.49	19.49	19.53	19.52	19.52		
10	256QAM	1	49	19.49	19.49	19.53	19.52	19.52		
10	256QAM	25	0	19.49	19.49	19.53	19.52	19.52	20.4	3
10	256QAM	25	12	19.49	19.49	19.53	19.52	19.52		
10	256QAM	25	25	19.49	19.49	19.53	19.52	19.52		
Channel / Frequency [MHz]										
5	QPSK	1	0	22.49	22.49	22.53	22.52	22.52	23.46	0
5	QPSK	1	12	22.49	22.49	22.53	22.52	22.52		
5	QPSK	1	24	22.49	22.49	22.53	22.52	22.52		
5	QPSK	12	0	22.49	22.49	22.53	22.52	22.52	23.4	0
5	QPSK	12	6	22.49	22.49	22.53	22.52	22.52		
5	QPSK	12	13	22.49	22.49	22.53	22.52	22.52		
5	16QAM	1	0	22.49	22.49	22.53	22.52	22.52	23.4	0
5	16QAM	1	12	22.49	22.49	22.53	22.52	22.52		
5	16QAM	1	24	22.49	22.49	22.53	22.52	22.52		
5	16QAM	12	0	22.49	22.49	22.53	22.52	22.52	23.4	0
5	16QAM	12	6	22.49	22.49	22.53	22.52	22.52		
5	16QAM	12	13	22.49	22.49	22.53	22.52	22.52		
5	64QAM	1	0	21.49	21.49	21.53	21.52	21.52	22.4	1
5	64QAM	1	12	21.49	21.49	21.53	21.52	21.52		
5	64QAM	1	24	21.49	21.49	21.53	21.52	21.52		
5	64QAM	12	0	19.49	19.49	19.53	19.52	19.52	20.4	3
5	64QAM	12	6	19.49	19.49	19.53	19.52	19.52		
5	64QAM	12	13	19.49	19.49	19.53	19.52	19.52		
5	256QAM	1	0	19.49	19.49	19.53	19.52	19.52	20.4	3
5	256QAM	1	12	19.49	19.49	19.53	19.52	19.52		
5	256QAM	1	24	19.49	19.49	19.53	19.52	19.52		
5	256QAM	12	0	19.49	19.49	19.53	19.52	19.52	20.4	3
5	256QAM	12	6	19.49	19.49	19.53	19.52	19.52		
5	256QAM	12	13	19.49	19.49	19.53	19.52	19.52		

Band 41_Ant 5 (HPUE)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. [dBm]	Power Low Middle Ch. / Freq. [dBm]	Power Middle Ch. / Freq. [dBm]	Power High Middle Ch. / Freq. [dBm]	Power High Ch. / Freq. [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel / Frequency [MHz]										
20	QPSK	1	0	23.12	23.12	23.17	23.17	23.17	25.9	0
20	QPSK	1	49	23.12	23.12	23.17	23.17	23.17		
20	QPSK	1	99	23.12	23.12	23.17	23.17	23.17		
20	QPSK	50	0	23.12	23.12	23.17	23.17	23.17	25.9	0
20	QPSK	50	25	23.12	23.12	23.17	23.17	23.17		
20	QPSK	50	50	23.12	23.12	23.17	23.17	23.17		
20	16QAM	1	0	23.12	23.12	23.17	23.17	23.17	25.9	0
20	16QAM	1	49	23.12	23.12	23.17	23.17	23.17		
20	16QAM	1	99	23.12	23.12	23.17	23.17	23.17		
20	16QAM	50	0	23.12	23.12	23.17	23.17	23.17	25.9	0
20	16QAM	50	25	23.12	23.12	23.17	23.17	23.17		
20	16QAM	50	50	23.12	23.12	23.17	23.17	23.17		
20	64QAM	1	0	22.12	22.12	22.17	22.17	22.17	25.9	0
20	64QAM	1	49	22.12	22.12	22.17	22.17	22.17		
20	64QAM	1	99	22.12	22.12	22.17	22.17	22.17		
20	64QAM	50	0	22.12	22.12	22.17	22.17	22.17	25.9	0
20	64QAM	50	25	22.12	22.12	22.17	22.17	22.17		
20	64QAM	50	50	22.12	22.12	22.17	22.17	22.17		
20	256QAM	1	0	20.62	20.62	20.62	20.62	20.62	23.9	0.1
20	256QAM	1	49	20.62	20.62	20.62	20.62	20.62		
20	256QAM	1	99	20.62	20.62	20.62	20.62	20.62		
20	256QAM	50	0	20.62	20.62	20.62	20.62	20.62	21.9	2.1
20	256QAM	50	25	20.62	20.62	20.62	20.62	20.62		
20	256QAM	50	50	20.62	20.62	20.62	20.62	20.62		
Channel / Frequency [MHz]										
15	QPSK	1	0	23.12	23.12	23.22	23.17	23.17	25.49	0
15	QPSK	1	37	23.12	23.12	23.22	23.17	23.17		
15	QPSK	1	74	23.12	23.12	23.22	23.17	23.17		
15	QPSK	36	0	23.12	23.12	23.22	23.17	23.17	25.5	0
15	QPSK	36	19	23.12	23.12	23.22	23.17	23.17		
15	QPSK	36	39	23.12	23.12	23.22	23.17	23.17		
15	16QAM	1	0	23.12	23.12	23.22	23.17	23.17	25.5	0
15	16QAM	1	37	23.12	23.12	23.22	23.17	23.17		
15	16QAM	1	74	23.12	23.12	23.22	23.17	23.17		
15	16QAM	36	0	23.12	23.12	23.22	23.17	23.17	25.5	0
15	16QAM	36	19	23.12	23.12	23.22	23.17	23.17		
15	16QAM	36	39	23.12	23.12	23.22	23.17	23.17		
15	64QAM	1	0	22.12	22.12	22.22	22.17	22.17	25.5	0
15	64QAM	1	37	22.12	22.12	22.22	22.17	22.17		
15	64QAM	1	74	22.12	22.12	22.22	22.17	22.17		
15	64QAM	36	0	22.12	22.12	22.22	22.17	22.17	25.5	0
15	64QAM	36	19	22.12	22.12	22.22	22.17	22.17		
15	64QAM	36	39	22.12	22.12	22.22	22.17	22.17		
15	256QAM	1	0	20.62	20.62	20.62	20.62	20.62	23.5	0.1
15	256QAM	1	37	20.62	20.62	20.62	20.62	20.62		
15	256QAM	1	74	20.62	20.62	20.62	20.62	20.62		
15	256QAM	36	0	20.62	20.62	20.62	20.62	20.62	21.5	2.1
15	256QAM	36	19	20.62	20.62	20.62	20.62	20.62		
15	256QAM	36	39	20.62	20.62	20.62	20.62	20.62		
Channel / Frequency [MHz]										
10	QPSK	1	0	23.12	23.12	23.22	23.17	23.17	25.49	0
10	QPSK	1	24	23.12	23.12	23.22	23.17	23.17		
10	QPSK	1	49	23.12	23.12	23.22	23.17	23.17		
10	QPSK	25	0	23.12	23.12	23.22	23.17	23.17	25.5	0
10	QPSK	25	12	23.12	23.12	23.22	23.17	23.17		
10	QPSK	25	25	23.12	23.12	23.22	23.17	23.17		
10	16QAM	1	0	23.12	23.12	23.22	23.17	23.17	25.5	0
10	16QAM	1	24	23.12	23.12	23.22	23.17	23.17		
10	16QAM	1	49	23.12	23.12	23.22	23.17	23.17		
10	16QAM	25	0	23.12	23.12	23.22	23.17	23.17	25.5	0
10	16QAM	25	12	23.12	23.12	23.22	23.17	23.17		
10	16QAM	25	25	23.12	23.12	23.22	23.17	23.17		
10	64QAM	1	0	22.12	22.12	22.22	22.17	22.17	25.5	0
10	64QAM	1	24	22.12	22.12	22.22	22.17	22.17		
10	64QAM	1	49	22.12	22.12	22.22	22.17	22.17		
10	64QAM	25	0	20.62	20.62	20.62	20.62	20.62	23.5	0.1
10	64QAM	25	12	20.62	20.62	20.62	20.62	20.62		
10	64QAM	25	25	20.62	20.62	20.62	20.62	20.62		
10	256QAM	1	0	20.62	20.62	20.62	20.62	20.62	21.5	2.1
10	256QAM	1	24	20.62	20.62	20.62	20.62	20.62		
10	256QAM	1	49	20.62	20.62	20.62	20.62	20.62		
10	256QAM	25	0	20.62	20.62	20.62	20.62	20.62	21.5	2.1
10	256QAM	25	12	20.62	20.62	20.62	20.62	20.62		
10	256QAM	25	25	20.62	20.62	20.62	20.62	20.62		
Channel / Frequency [MHz]										
5	QPSK	1	0	23.12	23.12	23.22	23.17	23.17	25.49	0
5	QPSK	1	12	23.12	23.12	23.22	23.17	23.17		
5	QPSK	1	24	23.12	23.12	23.22	23.17	23.17		
5	QPSK	12	0	23.12	23.12	23.22	23.17	23.17	25.5	0
5	QPSK	12	6	23.12	23.12	23.22	23.17	23.17		
5	QPSK	12	13	23.12	23.12	23.22	23.17	23.17		
5	16QAM	1	0	23.12	23.12	23.22	23.17	23.17	25.5	0
5	16QAM	1	12	23.12	23.12	23.22	23.17	23.17		
5	16QAM	1	24	23.12	23.12	23.22	23.17	23.17		
5	16QAM	12	0	23.12	23.12	23.22	23.17	23.17	25.5	0
5	16QAM	12	6	23.12	23.12	23.22	23.17	23.17		
5	16QAM	12	13	23.12	23.12	23.22	23.17	23.17		
5	64QAM	1	0	22.12	22.12	22.22	22.17	22.17	25.5	0
5	64QAM	1	12	22.12

Band 48_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Level Ch. 1 [Freq] [dBm]	Power Low Middle Ch. 1 [Freq] [dBm]	Power High Middle Ch. 1 [Freq] [dBm]	Power High Ch. 1 [Freq] [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55990	55990	55990	55990		
Frequency [MHz]				3560.01	3560.01	3560.01	3560.01		
20	QPSK	1	0	18.47	18.47	18.53	18.53	20.5	0
20	QPSK	1	49	18.51	18.51	18.53	18.53	20.5	0
20	QPSK	1	99	18.67	18.67	18.68	18.68	20.5	0
20	QPSK	50	0	16.49	16.49	16.49	16.49	20.5	0
20	QPSK	50	25	16.49	16.49	16.49	16.49	20.5	0
20	QPSK	50	50	16.52	16.52	16.52	16.52	20.5	0
20	16QAM	1	0	16.71	16.71	16.75	16.75	19.5	1
20	16QAM	1	49	16.71	16.72	16.72	16.75	19.5	1
20	16QAM	1	99	16.87	16.87	16.87	16.91	19.5	1
20	16QAM	50	0	14.54	14.54	14.79	14.80	20.5	0
20	16QAM	50	25	14.54	14.54	14.79	14.80	20.5	0
20	16QAM	50	50	14.56	14.56	14.80	14.81	20.5	0
20	16QAM	100	0	14.67	14.67	14.87	14.88	19.5	0.5
20	64QAM	1	0	12.71	12.71	12.72	12.72	18.5	2
20	64QAM	1	49	12.71	12.71	12.72	12.72	18.5	2
20	64QAM	1	99	12.86	12.87	12.87	12.87	18.5	2
20	64QAM	50	0	10.49	10.53	10.86	10.87	19.5	1
20	64QAM	50	25	10.49	10.53	10.86	10.87	19.5	1
20	64QAM	50	50	10.52	10.56	10.88	10.89	19.5	1
20	64QAM	100	0	10.66	10.70	10.91	10.92	18.5	2
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
15	QPSK	1	0	18.43	18.43	18.49	18.50	20.5	0
15	QPSK	1	37	18.43	18.47	18.49	18.50	20.5	0
15	QPSK	1	74	18.66	18.68	18.82	18.87	20.5	0
15	QPSK	36	0	16.49	16.49	16.49	16.49	20.5	0
15	QPSK	36	20	16.51	16.49	16.50	16.49	20.5	0
15	QPSK	36	39	16.77	16.83	16.84	16.83	20.5	0
15	16QAM	1	0	16.71	16.71	16.75	16.75	19.5	1
15	16QAM	1	37	16.71	16.72	16.75	16.75	19.5	1
15	16QAM	1	74	16.91	16.93	16.99	16.92	19.5	1
15	16QAM	36	0	14.54	14.54	14.79	14.80	20.5	0
15	16QAM	36	20	14.54	14.54	14.79	14.80	20.5	0
15	16QAM	36	39	14.81	14.86	14.86	14.85	20.5	0
15	64QAM	1	0	12.71	12.71	12.72	12.72	18.5	2
15	64QAM	1	37	12.71	12.72	12.72	12.72	18.5	2
15	64QAM	1	74	12.91	12.93	12.99	12.92	18.5	2
15	64QAM	36	0	10.49	10.53	10.86	10.87	19.5	1
15	64QAM	36	20	10.49	10.53	10.86	10.87	19.5	1
15	64QAM	36	39	10.77	10.83	10.84	10.83	19.5	1
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
10	QPSK	1	0	18.48	18.43	18.75	18.47	20.5	0
10	QPSK	1	25	18.48	18.51	18.51	18.52		
10	QPSK	1	49	18.83	18.81	18.81	18.88		
10	QPSK	25	0	16.49	16.49	16.49	16.49	20.5	0
10	QPSK	25	13	16.47	16.50	16.50	16.50		
10	QPSK	25	25	16.52	16.52	16.52	16.52		
10	16QAM	1	0	16.71	16.71	16.75	16.75	20.5	0
10	16QAM	1	25	16.71	16.73	16.73	16.75		
10	16QAM	1	49	16.91	16.93	16.91	16.93		
10	16QAM	25	0	14.54	14.54	14.79	14.80	20.5	0
10	16QAM	25	13	14.54	14.54	14.79	14.80		
10	16QAM	25	25	14.56	14.56	14.82	14.81		
10	64QAM	1	0	12.71	12.71	12.72	12.72	18.5	2
10	64QAM	1	25	12.71	12.73	12.73	12.72		
10	64QAM	1	49	12.91	12.93	12.91	12.93		
10	64QAM	25	0	10.49	10.53	10.86	10.87	19.5	1
10	64QAM	25	13	10.49	10.53	10.86	10.87		
10	64QAM	25	25	10.52	10.56	10.88	10.89		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
5	QPSK	1	0	18.48	18.48	18.49	18.50	20.5	0
5	QPSK	1	12	18.48	18.49	18.49	18.50		
5	QPSK	1	24	18.54	18.49	18.66	18.49		
5	QPSK	12	0	16.49	16.49	16.49	16.49	20.5	0
5	QPSK	12	6	16.49	16.50	16.50	16.50		
5	QPSK	12	13	16.50	16.50	16.50	16.50		
5	16QAM	1	0	16.71	16.71	16.75	16.75	20.5	0
5	16QAM	1	12	16.71	16.73	16.73	16.75		
5	16QAM	1	24	16.91	16.93	16.91	16.93		
5	16QAM	12	0	14.54	14.54	14.79	14.80	20.5	0
5	16QAM	12	6	14.54	14.54	14.79	14.80		
5	16QAM	12	13	14.56	14.56	14.82	14.81		
5	64QAM	1	0	12.71	12.71	12.72	12.72	18.5	2
5	64QAM	1	12	12.71	12.73	12.73	12.72		
5	64QAM	1	24	12.91	12.93	12.91	12.93		
5	64QAM	12	0	10.49	10.53	10.86	10.87	19.5	1
5	64QAM	12	6	10.49	10.53	10.86	10.87		
5	64QAM	12	13	10.52	10.56	10.88	10.89		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
3	QPSK	1	0	18.48	18.48	18.49	18.50	20.5	0
3	QPSK	1	7	18.48	18.49	18.49	18.50		
3	QPSK	1	14	18.54	18.49	18.66	18.49		
3	QPSK	6	0	16.49	16.49	16.49	16.49	20.5	0
3	QPSK	6	3	16.49	16.50	16.50	16.50		
3	QPSK	6	7	16.50	16.50	16.50	16.50		
3	16QAM	1	0	16.71	16.71	16.75	16.75	20.5	0
3	16QAM	1	7	16.71	16.73	16.73	16.75		
3	16QAM	1	14	16.91	16.93	16.91	16.93		
3	16QAM	6	0	14.54	14.54	14.79	14.80	20.5	0
3	16QAM	6	3	14.54	14.54	14.79	14.80		
3	16QAM	6	7	14.56	14.56	14.82	14.81		
3	64QAM	1	0	12.71	12.71	12.72	12.72	18.5	2
3	64QAM	1	7	12.71	12.73	12.73	12.72		
3	64QAM	1	14	12.91	12.93	12.91	12.93		
3	64QAM	6	0	10.49	10.53	10.86	10.87	19.5	1
3	64QAM	6	3	10.49	10.53	10.86	10.87		
3	64QAM	6	7	10.52	10.56	10.88	10.89		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
1.4	QPSK	1	0	18.48	18.48	18.49	18.50	20.5	0
1.4	QPSK	1	3	18.48	18.49	18.49	18.50		
1.4	QPSK	1	5	18.54	18.49	18.66	18.49		
1.4	QPSK	3	0	16.49	16.49	16.49	16.49	20.5	0
1.4	QPSK	3	2	16.49	16.50	16.50	16.50		
1.4	QPSK	3	3	16.50	16.50	16.50	16.50		
1.4	16QAM	1	0	16.71	16.71	16.75	16.75	20.5	0
1.4	16QAM	1	3	16.71	16.73	16.73	16.75		
1.4	16QAM	1	5	16.91	16.93	16.91	16.93		
1.4	16QAM	3	0	14.54	14.54	14.79	14.80	20.5	0
1.4	16QAM	3	2	14.54	14.54	14.79	14.80		
1.4	16QAM	3	3	14.56	14.56	14.82	14.81		
1.4	64QAM	1	0	12.71	12.71	12.72	12.72	18.5	2
1.4	64QAM	1	3	12.71	12.73	12.73	12.72		
1.4	64QAM	1	5	12.91	12.93	12.91	12.93		
1.4	64QAM	3	0	10.49	10.53	10.86	10.87	19.5	1
1.4	64QAM	3	2	10.49	10.53	10.86	10.87		
1.4	64QAM	3	3	10.52	10.56	10.88	10.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Level Ch. 1 [Freq] [dBm]	Power Low Middle Ch. 1 [Freq] [dBm]	Power High Middle Ch. 1 [Freq] [dBm]	Power High Ch. 1 [Freq] [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55990	55990	55990	55990		
Frequency [MHz]				3560.01	3560.01	3560.01	3560.01		
20	QPSK	1	0	19.48	19.48	20.17	20.18		
20	QPSK	1	49	19.48	19.50	19.50	19.51	21.5	0
20	QPSK	1	99	19.67	19.66	19.66	19.66		
20	QPSK	50	0	17.49	17.49	17.49	17.49		
20	QPSK	50	25	17.49	17.49	17.49	17.49	21.5	0
20	QPSK	50	50	19.56	19.63	19.63	19.63		
20	16QAM	1	0	17.71	17.71	18.75	18.75		
20	16QAM	1	49	17.71	17.72	18.72	18.75		
20	16QAM	1	99	17.87	17.87	18.87	18.91		
20	16QAM	50	0	15.54	15.54	15.79	15.80		
20	16QAM	50	25	15.54	15.54	15.79	15.80	21.5	0
20	16QAM	50	50	15.56	15.56	15.80	15.81		
20	16QAM	100	0	15.67	15.66	15.87	15.88		
20	64QAM	1	0	13.71	13.71	13.72	13.72		
20	64QAM	1	49	13.71	13.72	13.72	13.72		
20	64QAM	1	99	13.86	13.87	13.87	13.87		
20	64QAM	50	0	11.49	11.53	11.86	11.87	20.5	0
20	64QAM	50	25	11.49	11.53	11.86	11.87		
20	64QAM	50	50	11.52	11.56	11.88	11.89		
20	64QAM	100	0	11.66	11.70	11.91	11.92		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
15	QPSK	1	0	19.48	20.02	20.12	20.03		
15	QPSK	1	37	19.48	19.50	19.50	19.50	21.5	0
15	QPSK	1	74	19.66	19.62	19.62	19.63		
15	QPSK	36	0	17.49	17.49	17.49	17.49		
15	QPSK	36	20	17.49	17.49	17.49	17.49	21.5	0
15	QPSK	36	39	19.81	19.85	19.87	19.87		
15	16QAM	1	0	17.71	17.71	18.75	18.75		
15	16QAM	1	37	17.71	17.72	18.72	18.75		
15	16QAM	1	74	17.91	17.93	18.91	18.93	21.5	0
15	16QAM	36	0	15.54	15.54	15.79	15.80		
15	16QAM	36	20	15.54	15.54	15.79	15.80		
15	16QAM	36	39	15.81	15.86	15.86	15.85		
15	64QAM	1	0	13.71	13.71	13.72	13.72		
15	64QAM	1	37	13.71	13.72	13.72	13.72		
15	64QAM	1	74	13.91	13.93	13.91	13.93		
15	64QAM	36	0	11.49	11.53	11.86	11.87	20.5	0
15	64QAM	36	20	11.49	11.53	11.86	11.87		
15	64QAM	36	39	11.77	11.83	11.84	11.83		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
10	QPSK	1	0	19.48	20.03	20.03	20.03		
10	QPSK	1	25	19.48	19.50	19.50	19.50	21.5	0
10	QPSK	1	49	19.83	19.80	19.80	19.88		
10	QPSK	25	0	17.49	17.49	17.49	17.49		
10	QPSK	25	13	17.49	17.50	17.50	17.50	21.5	0
10	QPSK	25	25	17.52	17.52	17.52	17.52		
10	16QAM	1	0	17.71	17.71	18.75	18.75		
10	16QAM	1	25	17.71	17.73	18.73	18.75		
10	16QAM	1	49	17.91	17.93	18.91	18.93		
10	16QAM	25	0	15.54	15.54	15.79	15.80	21.5	0
10	16QAM	25	13	15.54	15.54	15.79	15.80		
10	16QAM	25	25	15.56	15.56	15.82	15.81		
10	64QAM	1	0	13.71	13.71	13.72	13.72		
10	64QAM	1	25	13.71	13.73	13.73	13.72		
10	64QAM	1	49	13.91	13.93	13.91	13.93		
10	64QAM	25	0	11.49	11.53	11.86	11.87	20.5	0
10	64QAM	25	13	11.49	11.53	11.86	11.87		
10	64QAM	25	25	11.52	11.56	11.88	11.89		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
5	QPSK	1	0	19.48	19.48	19.50	20.03		
5	QPSK	1	12	19.48	19.50	19.50	19.50	21.5	0
5	QPSK	1	24	19.54	19.50	19.66	19.50		
5	QPSK	12	0	17.49	17.49	17.49	17.49		
5	QPSK	12	6	17.49	17.50	17.50	17.50	21.5	0
5	QPSK	12	13	17.50	17.50	17.50	17.50		
5	16QAM	1	0	17.71	17.71	18.75	18.75		
5	16QAM	1	12	17.71	17.73	18.73	18.75		
5	16QAM	1	24	17.91	17.93	18.91	18.93		
5	16QAM	12	0	15.54	15.54	15.79	15.80	21.5	0
5	16QAM	12	6	15.54	15.54	15.79	15.80		
5	16QAM	12	13	15.56	15.56	15.82	15.81		
5	64QAM	1	0	13.71	13.71	13.72	13.72		
5	64QAM	1	12	13.71	13.73	13.73	13.72		
5	64QAM	1	24	13.91	13.93	13.91	13.93		
5	64QAM	12	0	11.49	11.53	11.86	11.87	20.5	0
5	64QAM	12	6	11.49	11.53	11.86	11.87		
5	64QAM	12	13	11.52	11.56	11.88	11.89		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
3	QPSK	1	0	19.48	19.48	19.50	20.03		
3	QPSK	1	7	19.48	19.50	19.50	19.50	21.5	0
3	QPSK	1	14	19.54	19.50	19.66	19.50		
3	QPSK	6	0	17.49	17.49	17.49	17.49		
3	QPSK	6	3	17.49	17.50	17.50	17.50	21.5	0
3	QPSK	6	7	17.50	17.50	17.50	17.50		
3	16QAM	1	0	17.71	17.71	18.75	18.75		
3	16QAM	1	7	17.71	17.73	18.73	18.75		
3	16QAM	1	14	17.91	17.93	18.91	18.93		
3	16QAM	6	0	15.54	15.54	15.79	15.80	21.5	0
3	16QAM	6	3	15.54	15.54	15.79	15.80		
3	16QAM	6	7	15.56	15.56	15.82	15.81		
3	64QAM	1	0	13.71	13.71	13.72	13.72		
3	64QAM	1	7	13.71	13.73	13.73	13.72		
3	64QAM	1	14	13.91	13.93	13.91	13.93		
3	64QAM	6	0	11.49	11.53	11.86	11.87	20.5	0
3	64QAM	6	3	11.49	11.53	11.86	11.87		
3	64QAM	6	7	11.52	11.56	11.88	11.89		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
1.4	QPSK	1	0	19.48	19.48	19.50	20.03		
1.4	QPSK	1	3	19.48	19.50	19.50	19.50	21.5	0
1.4	QPSK	1	5	19.54	19.50	19.66	19.50		
1.4	QPSK	3	0	17.49	17.49	17.49	17.49		
1.4	QPSK	3	2	17.49	17.50	17.50	17.50	21.5	0
1.4	QPSK	3	3	17.50	17.50	17.50	17.50		
1.4	16QAM	1	0	17.71	17.71	18.75	18.75		
1.4	16QAM	1	3	17.71	17.73	18.73	18.75		
1.4	16QAM	1	5	17.91	17.93	18.91	18.93		
1.4	16QAM	3	0	15.54	15.54	15.79	15.80	21.5	0
1.4	16QAM	3	2	15.54	15.54	15.79	15.80		
1.4	16QAM	3	3	15.56	15.56	15.82	15.81		
1.4	64QAM	1	0	13.71	13.71	13.72	13.72		
1.4	64QAM	1	3	13.71	13.73	13.73	13.72		
1.4	64QAM	1	5	13.91	13.93	13.91	13.93		
1.4	64QAM	3	0	11.49	11.53	11.86	11.87	20.5	0
1.4	64QAM	3	2	11.49	11.53	11.86	11.87		
1.4	64QAM	3	3	11.52	11.56	11.88	11.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Level Ch. 1 [Freq] [dBm]	Power Low Middle Ch. 1 [Freq] [dBm]	Power High Middle Ch. 1 [Freq] [dBm]	Power High Ch. 1 [Freq] [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				55990	55990	55990	55990		
Frequency [MHz]				3560.01	3560.01	3560.01	3560.01		
20	QPSK	1	0	18.75	18.75	18.75	18.75		
20	QPSK	1	49	18.75	18.75	18.75	18.75	20.5	0
20	QPSK	1	99	18.95	18.95	18.95	18.95		
20	QPSK	50	0	16.49	16.49	16.49	16.49		
20	QPSK	50	25	16.49	16.49	16.49	16.49	20.5	0
20	QPSK	50	50	16.52	16.52	16.52	16.52		
20	16QAM	1	0	16.75	16.75	16.75	16.75		
20	16QAM	1	49	16.75	16.75	16.75	16.75	20.5	0
20	16QAM	1	99	16.95	16.95	16.95	16.95		
20	16QAM	50	0	14.54	14.54	14.79	14.80		
20	16QAM	50	25	14.54	14.54	14.79	14.80	20.5	0
20	16QAM	50	50	14.56	14.56	14.80	14.81		
20	16QAM	100	0	14.67	14.67	14.87	14.88		
20	64QAM	1	0	12.75	12.75	12.75	12.75		
20	64QAM	1	49	12.75	12.75	12.75	12.75		
20	64QAM	1	99	12.95	12.95	12.95	12.95		
20	64QAM	50	0	10.49	10.53	10.86	10.87	20.5	0
20	64QAM	50	25	10.49	10.53	10.86	10.87		
20	64QAM	50	50	10.52	10.56	10.88	10.89		
20	64QAM	100	0	10.66	10.70	10.91	10.92		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
15	QPSK	1	0	18.75	18.75	18.75	18.75		
15	QPSK	1	37	18.75	18.75	18.75	18.75	20.5	0
15	QPSK	1	74	18.95	18.95	18.95	18.95		
15	QPSK	36	0	16.49	16.49	16.49	16.49		
15	QPSK	36	20	16.49	16.49	16.49	16.49	20.5	0
15	QPSK	36	39	16.83	16.83	16.83	16.83		
15	16QAM	1	0	16.75	16.75	16.75	16.75		
15	16QAM	1	37	16.75	16.75	16.75	16.75	20.5	0
15	16QAM	1	74	16.95	16.95	16.95	16.95		
15	16QAM	36	0	14.54	14.54	14.79	14.80		
15	16QAM	36	20	14.54	14.54	14.79	14.80	20.5	0
15	16QAM	36	39	14.81	14.86	14.86	14.85		
15	64QAM	1	0	12.75	12.75	12.75	12.75		
15	64QAM	1	37	12.75	12.75	12.75	12.75	20.5	0
15	64QAM	1	74	12.95	12.95	12.95	12.95		
15	64QAM	36	0	10.49	10.53	10.86	10.87	20.5	0
15	64QAM	36	20	10.49	10.53	10.86	10.87		
15	64QAM	36	39	10.77	10.83	10.84	10.83		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
10	QPSK	1	0	18.75	18.75	18.75	18.75		
10	QPSK	1	25	18.75	18.75	18.75	18.75	20.5	0
10	QPSK	1	49	18.95	18.95	18.95	18.95		
10	QPSK	25	0	16.49	16.49	16.49	16.49		
10	QPSK	25	13	16.49	16.49	16.49	16.49	20.5	0
10	QPSK	25	25	16.52	16.52	16.52	16.52		
10	16QAM	1	0	16.75	16.75	16.75	16.75		
10	16QAM	1	25	16.75	16.75	16.75	16.75	20.5	0
10	16QAM	1	49	16.95	16.95	16.95	16.95		
10	16QAM	25	0	14.54	14.54	14.79	14.80		
10	16QAM	25	13	14.54	14.54	14.79	14.80	20.5	0
10	16QAM	25	25	14.56	14.56	14.82	14.81		
10	64QAM	1	0	12.75	12.75	12.75	12.75		
10	64QAM	1	25	12.75	12.75	12.75	12.75	20.5	0
10	64QAM	1	49	12.95	12.95	12.95	12.95		
10	64QAM	25	0	10.49	10.53	10.86	10.87	20.5	0
10	64QAM	25	13	10.49	10.53	10.86	10.87		
10	64QAM	25	25	10.52	10.56	10.88	10.89		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
5	QPSK	1	0	18.75	18.75	18.75	18.75		
5	QPSK	1	12	18.75	18.75	18.75	18.75	20.5	0
5	QPSK	1	24	18.95	18.95	18.95	18.95		
5	QPSK	12	0	16.49	16.49	16.49	16.49		
5	QPSK	12	6	16.49	16.49	16.49	16.49	20.5	0
5	QPSK	12	13	16.50	16.50	16.50	16.50		
5	16QAM	1	0	16.75	16.75	16.75	16.75		
5	16QAM	1	12	16.75	16.75	16.75	16.75	20.5	0
5	16QAM	1	24	16.95	16.95	16.95	16.95		
5	16QAM	12	0	14.54	14.54	14.79	14.80		
5	16QAM	12	6	14.54	14.54	14.79	14.80	20.5	0
5	16QAM	12	13	14.56	14.56	14.82	14.81		
5	64QAM	1	0	12.75	12.75	12.75	12.75		
5	64QAM	1	12	12.75	12.75	12.75	12.75	20.5	0
5	64QAM	1	24	12.95	12.95	12.95	12.95		
5	64QAM	12	0	10.49	10.53	10.86	10.87	20.5	0
5	64QAM	12	6	10.49	10.53	10.86	10.87		
5	64QAM	12	13	10.52	10.56	10.88	10.89		
Channel				55990	55990	55990	55990	Tune-up limit [dBm]	MPR [dB]
3	QPSK	1	0	18.75	18.75	18.75	18.75		
3	QPSK	1	7	18.75	18.75	18.75	18.75	20.5	0
3	QPSK	1	14	18.95	18.95	18.95	18.95		
3	QPSK	6	0	16.49

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				3850	3890	3930		
Frequency [MHz]				3850	3890	3930		
20	PI/2 BPSK	1	1	21.12	21.11	21.21	20.7	0.0
20	PI/2 BPSK	1	50	21.02	21.02	20.92		
20	PI/2 BPSK	1	99	21.02	21.02	20.92		
20	PI/2 BPSK	50	1	21.06	21.05	21.05	20.7	0.0
20	PI/2 BPSK	50	25	21.06	21.05	20.96	20.7	0.0
20	PI/2 BPSK	50	50	21.06	21.05	20.96	20.7	0.0
20	PI/2 BPSK	100	0	21.05	21.05	20.95		
20	QPSK	1	1	21.10	21.10	21.08	20.7	0.0
20	QPSK	1	50	21.00	21.00	20.90		
20	QPSK	1	99	21.00	21.00	20.90		
20	QPSK	50	1	21.02	21.02	21.02	20.7	0.0
20	QPSK	50	25	21.02	21.02	20.92	20.7	0.0
20	QPSK	50	50	21.02	21.02	20.92		
20	QPSK	100	0	21.01	21.01	20.91	20.7	0.0
20	16QAM	1	1	20.48	20.48	20.48	20.7	1.0
20	16QAM	1	50	20.38	20.38	20.38	20.7	1.0
20	16QAM	1	99	20.38	20.38	20.38	20.7	1.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
15	QPSK	1	1	21.21	21.20	21.20	20.7	0.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
10	QPSK	1	1	21.21	21.20	21.20	20.7	0.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
5	QPSK	1	1	20.92	21.00	20.91	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				3850	3890	3930		
Frequency [MHz]				3850	3890	3930		
20	PI/2 BPSK	1	1	21.11	21.10	21.11	21.2	0.0
20	PI/2 BPSK	1	50	20.91	20.91	20.91		
20	PI/2 BPSK	1	99	20.91	20.91	20.91		
20	PI/2 BPSK	50	1	20.96	20.95	20.95	21.2	0.0
20	PI/2 BPSK	50	25	20.96	20.95	20.95	21.2	0.0
20	PI/2 BPSK	50	50	20.96	20.95	20.95	21.2	0.0
20	PI/2 BPSK	100	0	20.95	20.95	20.95		
20	QPSK	1	1	20.99	20.99	20.99	21.2	0.0
20	QPSK	1	50	20.89	20.89	20.89		
20	QPSK	1	99	20.89	20.89	20.89		
20	QPSK	50	1	20.92	20.92	20.92	21.2	0.0
20	QPSK	50	25	20.92	20.92	20.92	21.2	0.0
20	QPSK	50	50	20.92	20.92	20.92		
20	QPSK	100	0	20.91	20.91	20.91	21.2	0.0
20	16QAM	1	1	20.39	20.39	20.39	21.2	0.0
20	16QAM	1	50	20.29	20.29	20.29		
20	16QAM	1	99	20.29	20.29	20.29		
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
15	QPSK	1	1	20.91	20.91	20.91	21.2	0.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
10	QPSK	1	1	20.91	20.91	20.91	21.2	0.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
5	QPSK	1	1	20.91	20.91	20.91	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				3850	3890	3930		
Frequency [MHz]				3850	3890	3930		
20	PI/2 BPSK	1	1	18.38	18.41	18.37	19.7	0.0
20	PI/2 BPSK	1	50	18.28	18.31	18.27		
20	PI/2 BPSK	1	99	18.28	18.31	18.27		
20	PI/2 BPSK	50	1	18.32	18.35	18.31	19.7	0.0
20	PI/2 BPSK	50	25	18.32	18.35	18.31	19.7	0.0
20	PI/2 BPSK	50	50	18.32	18.35	18.31		
20	PI/2 BPSK	100	0	18.28	18.35	18.30	19.7	0.0
20	QPSK	1	1	18.38	18.40	18.33	19.7	0.0
20	QPSK	1	50	18.28	18.30	18.23		
20	QPSK	1	99	18.28	18.30	18.23		
20	QPSK	50	1	18.32	18.33	18.32	19.7	0.0
20	QPSK	50	25	18.32	18.33	18.32	19.7	0.0
20	QPSK	50	50	18.32	18.33	18.32		
20	QPSK	100	0	18.28	18.33	18.28	19.7	0.0
20	16QAM	1	1	18.48	18.48	18.47	19.7	0.0
20	16QAM	1	50	18.38	18.38	18.37	19.7	0.0
20	16QAM	1	99	18.38	18.38	18.37	19.7	0.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
15	QPSK	1	1	19.21	19.21	19.21	19.7	0.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
10	QPSK	1	1	19.21	19.21	19.21	19.7	0.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
5	QPSK	1	1	19.21	19.21	19.21	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel [dBm]	Power Middle Channel [dBm]	Power High Channel [dBm]	Tune-up limit [dBm]	MPR [dB]
Channel				3850	3890	3930		
Frequency [MHz]				3850	3890	3930		
20	PI/2 BPSK	1	1	20.12	20.11	20.21	21.6	0.0
20	PI/2 BPSK	1	50	20.02	20.01	20.01		
20	PI/2 BPSK	1	99	20.02	20.01	20.01		
20	PI/2 BPSK	50	1	20.06	20.05	20.05	21.6	0.0
20	PI/2 BPSK	50	25	20.06	20.05	20.05	21.6	0.0
20	PI/2 BPSK	50	50	20.06	20.05	20.05		
20	PI/2 BPSK	100	0	20.05	20.05	20.05	21.6	0.0
20	QPSK	1	1	20.07	20.09	20.03	21.6	0.0
20	QPSK	1	50	19.97	19.99	19.93		
20	QPSK	1	99	19.97	19.99	19.93		
20	QPSK	50	1	20.02	20.03	20.02	21.6	0.0
20	QPSK	50	25	20.02	20.03	20.02	21.6	0.0
20	QPSK	50	50	20.02	20.03	20.02		
20	QPSK	100	0	20.01	20.03	20.01	21.6	0.0
20	16QAM	1	1	19.49	19.49	19.47	20.1	0.5
20	16QAM	1	50	19.39	19.39	19.37	20.1	0.5
20	16QAM	1	99	19.39	19.39	19.37	20.1	0.5
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
15	QPSK	1	1	20.21	20.21	20.21	21.6	0.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
10	QPSK	1	1	20.21	20.21	20.21	21.6	0.0
Channel				3850	3890	3930	Tune-up limit	MPR
Frequency [MHz]				3850	3890	3930	[dBm]	[dB]
5	QPSK	1	1	20.21	20.21	20.21	21.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 153000	Power Middle Channel 154000	Power High Channel 155000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				763.5	770.0	776.5		
20	PI/2-BPSK	1	0	21.71	21.76	21.71	23.0	0.0
20	PI/2-BPSK	1	49	22.61	22.66	22.61		
20	PI/2-BPSK	1	99	22.51	22.56	22.51		
20	PI/2-BPSK	50	0	21.71	21.76	21.71	23.0	0.0
20	PI/2-BPSK	50	25	22.04	22.16	22.14	23.0	0.0
20	PI/2-BPSK	50	50	22.04	22.16	22.14	23.0	0.0
20	PI/2-BPSK	100	0	22.73	22.75	22.75	23.0	0.0
20	QPSK	1	0	22.19	22.22	22.19	23.0	0.0
20	QPSK	1	49	22.19	22.22	22.19		
20	QPSK	1	99	22.19	22.22	22.19		
20	QPSK	50	0	22.13	22.13	22.18	23.0	0.0
20	QPSK	50	25	22.13	22.13	22.18	23.0	0.0
20	QPSK	100	0	22.61	22.65	22.66	23.0	0.0
20	16QAM	1	0	21.79	21.85	21.85	22.0	1.0
20	16QAM	1	49	21.79	21.85	21.85	22.0	1.0
20	16QAM	1	99	21.79	21.82	21.85	22.0	1.0
20	16QAM	50	0	21.79	21.79	21.85	22.0	1.0
Frequency [MHz]				800.5	806.0	811.5	[illegible]	[illegible]
10	QPSK	1	0	22.08	22.07	22.12	23.0	0.0
Frequency [MHz]				1900	1900	1900	[illegible]	[illegible]
10	QPSK	1	0	21.71	21.71	21.71	22.0	0.0
Frequency [MHz]				2506.0	2506	2506.0	[illegible]	[illegible]
5	QPSK	1	0	21.8	21.8	21.8	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 153000	Power Middle Channel 154000	Power High Channel 155000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				763.5	770.0	776.5		
20	PI/2-BPSK	1	0	21.71	21.76	21.71	23.0	0.0
20	PI/2-BPSK	1	49	22.61	22.66	22.61		
20	PI/2-BPSK	1	99	22.51	22.56	22.51		
20	PI/2-BPSK	50	0	21.71	21.76	21.71	23.0	0.0
20	PI/2-BPSK	50	25	22.04	22.16	22.14	23.0	0.0
20	PI/2-BPSK	50	50	22.04	22.16	22.14	23.0	0.0
20	PI/2-BPSK	100	0	22.73	22.75	22.75	23.0	0.0
20	QPSK	1	0	22.01	22.05	22.07	23.0	0.0
20	QPSK	1	49	22.19	22.22	22.19		
20	QPSK	1	99	22.19	22.22	22.19		
20	QPSK	50	0	22.13	22.13	22.18	23.0	0.0
20	QPSK	50	25	22.13	22.13	22.18	23.0	0.0
20	QPSK	100	0	22.61	22.65	22.66	23.0	0.0
20	16QAM	1	0	21.79	21.85	21.85	22.0	1.0
20	16QAM	1	49	21.79	21.85	21.85	22.0	1.0
20	16QAM	1	99	21.79	21.82	21.85	22.0	1.0
20	16QAM	50	0	21.79	21.79	21.85	22.0	1.0
Frequency [MHz]				800.5	806.0	811.5	[illegible]	[illegible]
10	QPSK	1	0	22.08	22.07	22.12	23.0	0.0
Frequency [MHz]				1900	1900	1900	[illegible]	[illegible]
10	QPSK	1	0	21.71	21.71	21.71	22.0	0.0
Frequency [MHz]				2506.0	2506	2506.0	[illegible]	[illegible]
5	QPSK	1	0	21.8	21.8	21.8	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 20850	Power Middle Channel 21100	Power High Channel 21350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2502	2510	2518		
20	PI/2-BPSK	1	0	18.47	18.48	18.47	20.0	0.0
20	PI/2-BPSK	1	418	19.62	19.67	19.62		
20	PI/2-BPSK	1	814	19.62	19.67	19.62		
20	PI/2-BPSK	108	0	18.47	18.48	18.47	20.0	0.0
20	PI/2-BPSK	108	55	18.83	18.86	18.85	20.0	0.0
20	PI/2-BPSK	108	110	18.83	18.86	18.85	20.0	0.0
20	PI/2-BPSK	216	0	18.83	18.85	18.85	20.0	0.0
20	QPSK	1	0	18.68	18.75	18.68	20.0	0.0
20	QPSK	1	418	18.75	18.75	18.75		
20	QPSK	1	814	18.75	18.75	18.75		
20	QPSK	108	0	18.62	18.62	18.72	20.0	0.0
20	QPSK	108	55	18.63	18.65	18.73	20.0	0.0
20	QPSK	108	110	18.63	18.65	18.65	20.0	0.0
20	QPSK	216	0	18.63	18.65	18.65	20.0	0.0
20	16QAM	1	0	18.68	18.63	18.67	20.0	0.0
20	16QAM	1	418	18.68	18.63	18.67	20.0	0.0
20	16QAM	1	814	18.68	18.63	18.67	20.0	0.0
20	16QAM	108	0	18.63	18.63	18.63	20.0	0.0
Frequency [MHz]				2513	2525	2537	[illegible]	[illegible]
20	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Frequency [MHz]				2512.5	2525	2537.5	[illegible]	[illegible]
15	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20775	21000	21225	Tune-up limit	MPR
Frequency [MHz]				2506.5	2525	2543.5	(dBm)	(dB)
10	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20750	21000	21250	Tune-up limit	MPR
Frequency [MHz]				2504	2525	2546	(dBm)	(dB)
10	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20725	21000	21275	Tune-up limit	MPR
Frequency [MHz]				2501.5	2525	2548.5	(dBm)	(dB)
10	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20700	21000	21300	Tune-up limit	MPR
Frequency [MHz]				2499	2525	2551	(dBm)	(dB)
10	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20675	21000	21325	Tune-up limit	MPR
Frequency [MHz]				2496.5	2525	2553.5	(dBm)	(dB)
5	QPSK	1	0	18.47	18.48	18.48	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 20850	Power Middle Channel 21100	Power High Channel 21350	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2502	2510	2518		
20	PI/2-BPSK	1	0	18.47	18.48	18.47	20.0	0.0
20	PI/2-BPSK	1	418	19.62	19.67	19.62		
20	PI/2-BPSK	1	814	19.62	19.67	19.62		
20	PI/2-BPSK	108	0	18.47	18.48	18.47	20.0	0.0
20	PI/2-BPSK	108	55	18.83	18.86	18.85	20.0	0.0
20	PI/2-BPSK	108	110	18.83	18.86	18.85	20.0	0.0
20	PI/2-BPSK	216	0	18.83	18.85	18.85	20.0	0.0
20	QPSK	1	0	18.75	18.85	18.88	20.0	0.0
20	QPSK	1	418	18.75	18.75	18.75		
20	QPSK	1	814	18.75	18.75	18.75		
20	QPSK	108	0	18.65	18.75	18.75	20.0	0.0
20	QPSK	108	55	18.65	18.75	18.75	20.0	0.0
20	QPSK	108	110	18.65	18.75	18.75	20.0	0.0
20	QPSK	216	0	18.65	18.75	18.75	20.0	0.0
20	16QAM	1	0	18.65	18.65	18.65	20.0	0.0
20	16QAM	1	418	18.65	18.65	18.65	20.0	0.0
20	16QAM	1	814	18.65	18.65	18.65	20.0	0.0
20	16QAM	108	0	18.65	18.70	18.65	20.0	0.0
Frequency [MHz]				2513	2525	2537	[illegible]	[illegible]
20	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Frequency [MHz]				2512.5	2525	2537.5	[illegible]	[illegible]
15	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20775	21000	21225	Tune-up limit	MPR
Frequency [MHz]				2506.5	2525	2543.5	(dBm)	(dB)
10	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20750	21000	21250	Tune-up limit	MPR
Frequency [MHz]				2504	2525	2546	(dBm)	(dB)
10	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20725	21000	21275	Tune-up limit	MPR
Frequency [MHz]				2501.5	2525	2548.5	(dBm)	(dB)
10	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20700	21000	21300	Tune-up limit	MPR
Frequency [MHz]				2499	2525	2551	(dBm)	(dB)
10	QPSK	1	0	18.47	18.48	18.47	20.0	0.0
Channel				20675	21000	21325	Tune-up limit	MPR
Frequency [MHz]				2496.5	2525	2553.5	(dBm)	(dB)
5	QPSK	1	0	18.47	18.48	18.48	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.16	15.35	15.22	16.7	0.0
40	PI/2 BPSK	1	108	15.21	15.22	15.03		
40	PI/2 BPSK	1	214	15.29	15.30	15.16		
40	PI/2 BPSK	108	0	15.21	15.27	15.17	16.7	0.0
40	PI/2 BPSK	108	54	15.09	15.25	15.10	16.7	0.0
40	PI/2 BPSK	108	108	15.13	15.30	15.15	16.7	0.0
40	PI/2 BPSK	216	0	15.21	15.33	15.33		
40	QPSK	1	1	15.28	15.42	15.41	16.7	0.0
40	QPSK	1	108	15.31	15.37	15.29		
40	QPSK	1	214	15.27	15.40	15.36		
40	QPSK	108	0	15.21	15.32	15.31	16.7	0.0
40	QPSK	108	54	15.23	15.35	15.31	16.7	0.0
40	QPSK	108	108	15.15	15.32	15.30	16.7	0.0
40	QPSK	216	0	15.25	15.28	15.23		
40	16QAM	1	1	15.25	15.29	15.28	16.7	0.0
40	64QAM	1	1	15.31	15.34	15.17	16.7	0.0
40	256QAM	1	1	15.20	15.37	15.30	16.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	22.53	22.86	22.80	16.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	22.53	22.86	22.83	16.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	22.71	22.79	22.77	16.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	22.67	22.77	22.73	16.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	22.66	22.75	22.73	16.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	22.58	22.79	22.82	16.7	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	20.56	20.58	20.44	21.5	0.0
40	PI/2 BPSK	1	108	20.39	20.45	20.33		
40	PI/2 BPSK	1	214	20.42	20.42	20.33		
40	PI/2 BPSK	108	0	20.35	20.44	20.30	21.5	0.0
40	PI/2 BPSK	108	54	20.48	20.55	20.45	21.5	0.0
40	PI/2 BPSK	108	108	20.38	20.41	20.31	21.5	0.0
40	PI/2 BPSK	216	0	20.48	20.51	20.41		
40	QPSK	1	1	20.58	20.62	20.58	21.5	0.0
40	QPSK	1	108	20.41	20.50	20.38		
40	QPSK	1	214	20.46	20.47	20.37		
40	QPSK	108	0	20.38	20.40	20.30	21.5	0.0
40	QPSK	108	54	20.48	20.56	20.43	21.5	0.0
40	QPSK	108	108	20.44	20.48	20.36	21.5	0.0
40	QPSK	216	0	20.48	20.50	20.41		
40	16QAM	1	1	20.46	20.47	20.40	21.5	0.0
40	64QAM	1	1	19.41	19.43	19.34	21.0	0.5
40	256QAM	1	1	17.69	17.69	17.59	19.0	2.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	20.45	20.49	20.30	21.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	20.47	20.46	20.30	21.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	20.47	20.45	20.31	21.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.46	20.52	20.30	21.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.43	20.46	20.39	21.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.47	20.49	20.40	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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.57	21.63	21.59	22.7	0.0
40	PI/2 BPSK	1	108	21.58	21.57	21.46		
40	PI/2 BPSK	1	214	21.60	21.63	21.52		
40	PI/2 BPSK	108	0	21.56	21.56	21.50	22.7	0.0
40	PI/2 BPSK	108	54	21.53	21.58	21.53	22.7	0.0
40	PI/2 BPSK	108	108	21.64	21.63	21.57	22.7	0.0
40	PI/2 BPSK	216	0	21.57	21.60	21.56		
40	QPSK	1	1	21.70	21.77	21.67	22.7	0.0
40	QPSK	1	108	21.58	21.65	21.57		
40	QPSK	1	214	21.59	21.61	21.50		
40	QPSK	108	0	21.59	21.60	21.55	22.7	0.0
40	QPSK	108	54	21.58	21.61	21.54	22.7	0.0
40	QPSK	108	108	21.59	21.60	21.51	22.7	0.0
40	QPSK	216	0	21.58	21.63	21.54		
40	16QAM	1	1	21.57	21.58	21.51	22.7	0.0
40	64QAM	1	1	20.78	20.81	20.77	21.7	1.0
40	256QAM	1	1	18.83	18.86	18.80	19.7	3.0
Channel				373000	376500	380000	Tune-up limit	MPR
Frequency (MHz)				1865	1882.5	1900	(dBm)	(dB)
30	QPSK	1	1	21.46	21.52	21.46	22.7	0.0
Channel				372500	376500	380500	Tune-up limit	MPR
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)	(dB)
25	QPSK	1	1	21.42	21.56	21.43	22.7	0.0
Channel				372000	376500	381000	Tune-up limit	MPR
Frequency (MHz)				1860	1882.5	1905	(dBm)	(dB)
20	QPSK	1	1	21.46	21.49	21.50	22.7	0.0
Channel				371500	376500	381500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)	(dB)
15	QPSK	1	1	21.43	21.47	21.46	22.7	0.0
Channel				371000	376500	382000	Tune-up limit	MPR
Frequency (MHz)				1855	1882.5	1910	(dBm)	(dB)
10	QPSK	1	1	21.40	21.49	21.48	22.7	0.0
Channel				370500	376500	382500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)	(dB)
5	QPSK	1	1	21.42	21.46	21.51	22.7	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	20.24	20.25	20.19	21.2	0.0
40	PI/2 BPSK	1	108	20.11	20.20	20.08		
40	PI/2 BPSK	1	214	20.10	20.17	20.07		
40	PI/2 BPSK	108	0	20.21	20.22	20.15	21.2	0.0
40	PI/2 BPSK	108	54	20.17	20.18	20.09	21.2	0.0
40	PI/2 BPSK	108	108	20.18	20.17	20.10	21.2	0.0
40	PI/2 BPSK	216	0	20.12	20.20	20.16		
40	QPSK	1	1	20.26	20.27	20.23	21.2	0.0
40	QPSK	1	108	20.08	20.15	20.08		
40	QPSK	1	214	20.09	20.14	20.09		
40	QPSK	108	0	20.19	20.25	20.13	21.2	0.0
40	QPSK	108	54	20.22	20.24	20.13	21.2	0.0
40	QPSK	108	108	20.10	20.19	20.15	21.2	0.0
40	QPSK	216	0	20.19	20.21	20.17		
40	16QAM	1	1	20.16	20.22	20.19	21.2	0.0
40	64QAM	1	1	20.12	20.17	20.04	21.2	0.0
40	256QAM	1	1	19.80	19.81	19.72	20.7	0.5
Channel				373000	376500	380000	Tune-up limit	MPR
Frequency (MHz)				1865	1882.5	1900	(dBm)	(dB)
30	QPSK	1	1	20.15	20.09	20.09	21.2	0.0
Channel				372500	376500	380500	Tune-up limit	MPR
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)	(dB)
25	QPSK	1	1	20.15	20.09	20.11	21.2	0.0
Channel				372000	376500	381000	Tune-up limit	MPR
Frequency (MHz)				1860	1882.5	1905	(dBm)	(dB)
20	QPSK	1	1	20.14	20.12	20.11	21.2	0.0
Channel				371500	376500	381500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)	(dB)
15	QPSK	1	1	20.09	20.19	20.07	21.2	0.0
Channel				371000	376500	382000	Tune-up limit	MPR
Frequency (MHz)				1855	1882.5	1910	(dBm)	(dB)
10	QPSK	1	1	20.16	20.17	20.08	21.2	0.0
Channel				370500	376500	382500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)	(dB)
5	QPSK	1	1	20.18	20.12	20.13	21.2	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				351000	371000	391000		
Frequency (MHz)				1755	1855.0	1955		
20	PI/2-BPSK	1	0	18.31	18.12	18.13	19.7	0.0
20	PI/2-BPSK	1	49	18.31	18.12	18.13		
20	PI/2-BPSK	1	214	18.31	18.12	18.13		
20	PI/2-BPSK	108	0	18.24	18.05	18.12		
20	PI/2-BPSK	108	54	18.24	18.05	18.12		
20	PI/2-BPSK	216	0	18.24	18.05	18.12		
20	PI/2-BPSK	216	108	18.24	18.05	18.12		
20	QPSK	1	0	18.69	18.70	18.39	19.7	0.0
20	QPSK	1	49	18.69	18.70	18.39		
20	QPSK	1	214	18.71	18.70	18.41		
20	QPSK	108	0	18.12	18.16	18.12		
20	QPSK	108	54	18.12	18.16	18.12		
20	QPSK	216	0	18.12	18.16	18.12		
20	QPSK	216	108	18.12	18.16	18.12		
20	16QAM	1	0	18.45	18.46	18.19	19.7	0.5
20	16QAM	1	49	18.47	18.15	18.19		
20	16QAM	1	214	18.47	18.15	18.19		
Channel				351000	371000	391000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1755	1855.0	1955		
30	QPSK	1	0	18.69	18.70	18.39	19.7	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
25	QPSK	1	0	18.71	18.41	18.17	19.7	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
20	QPSK	1	0	18.71	18.41	18.17	19.7	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
15	QPSK	1	0	18.71	18.41	18.17	19.7	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
10	QPSK	1	0	18.71	18.41	18.17	19.7	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
5	QPSK	1	0	18.60	18.36	18.10	19.7	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				351000	371000	391000		
Frequency (MHz)				1755	1855.0	1955		
20	PI/2-BPSK	1	0	22.12	22.21	22.18	21.6	0.0
20	PI/2-BPSK	1	49	22.12	22.21	22.18		
20	PI/2-BPSK	1	214	22.07	22.22	22.22		
20	PI/2-BPSK	108	0	22.07	22.22	22.22		
20	PI/2-BPSK	108	54	22.28	22.45	22.41		
20	PI/2-BPSK	216	0	22.28	22.45	22.41		
20	PI/2-BPSK	216	108	22.28	22.45	22.41		
20	QPSK	1	0	22.23	22.50	22.30	21.6	0.0
20	QPSK	1	49	22.23	22.50	22.30		
20	QPSK	1	214	22.22	22.47	22.31		
20	QPSK	108	0	22.22	22.37	22.37		
20	QPSK	108	54	22.22	22.37	22.37		
20	QPSK	216	0	22.22	22.37	22.37		
20	QPSK	216	108	22.22	22.37	22.37		
20	16QAM	1	0	22.26	22.38	22.38	21.6	0.5
20	16QAM	1	49	22.24	22.35	22.35		
20	16QAM	1	214	22.24	22.35	22.35		
Channel				351000	371000	391000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1755	1855.0	1955		
30	QPSK	1	0	22.23	22.50	22.30	21.6	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
25	QPSK	1	0	22.37	22.37	22.37	21.6	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
20	QPSK	1	0	22.37	22.37	22.37	21.6	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
15	QPSK	1	0	22.37	22.37	22.37	21.6	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
10	QPSK	1	0	22.37	22.37	22.37	21.6	0.0
Channel				371000	391000	411000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.0	1955	2055.0		
5	QPSK	1	0	22.29	22.46	22.32	21.6	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					461000			
Frequency (MHz)					2310			
10	PI/2-BPSK	1	0		22.18		21.7	0.0
10	PI/2-BPSK	1	49		22.18			
10	PI/2-BPSK	1	99		22.42			
10	PI/2-BPSK	25	0		22.18		21.7	0.5
10	PI/2-BPSK	25	12		22.26		21.7	0.5
10	PI/2-BPSK	50	0		22.26		21.7	0.5
10	PI/2-BPSK	50	25		22.42			
10	QPSK	1	0		22.49		21.7	0.0
10	QPSK	1	49		22.49			
10	QPSK	1	99		22.19			
10	QPSK	25	0		22.19		21.7	0.5
10	QPSK	25	12		22.27		21.7	0.5
10	QPSK	50	0		22.27			
10	QPSK	50	25		22.43		21.7	0.5
10	16QAM	1	0		22.19		21.7	0.5
10	16QAM	1	49		22.49		21.7	0.5
10	16QAM	1	99		22.19		21.7	0.5
Channel				451000	461000	471000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5	21.7	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					461000			
Frequency (MHz)					2310			
10	PI/2-BPSK	1	0		22.18		21.7	0.0
10	PI/2-BPSK	1	49		22.18			
10	PI/2-BPSK	1	99		22.42			
10	PI/2-BPSK	25	0		22.18		21.7	0.5
10	PI/2-BPSK	25	12		22.26		21.7	0.5
10	PI/2-BPSK	50	0		22.26		21.7	0.5
10	PI/2-BPSK	50	25		22.42			
10	QPSK	1	0		22.49		21.7	0.0
10	QPSK	1	49		22.49			
10	QPSK	1	99		22.19			
10	QPSK	25	0		22.19		21.7	0.5
10	QPSK	25	12		22.27		21.7	0.5
10	QPSK	50	0		22.27			
10	QPSK	50	25		22.43		21.7	0.5
10	16QAM	1	0		22.19		21.7	0.5
10	16QAM	1	49		22.49		21.7	0.5
10	16QAM	1	99		22.19		21.7	0.5
Channel				451000	461000	471000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5	21.7	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Upper	Power Middle Middle Upper	Power High Middle Upper	Tune-up limit [dBm]	MPR [dB]
Channel				393216	394000	394608		
Frequency [MHz]				1968	1970	1972.8		
20	PI/2-BPSK	1	0	20.41	20.31	20.31	21.7	0.0
20	PI/2-BPSK	1	109	20.41	20.31	20.31		
20	PI/2-BPSK	1	214	20.41	20.58	20.58		
20	PI/2-BPSK	108	0	20.24	20.35	20.35	21.7	0.0
20	PI/2-BPSK	108	55	20.24	20.35	20.35	21.7	0.0
20	PI/2-BPSK	216	0	20.24	20.35	20.35	21.7	0.0
20	PI/2-BPSK	216	108	20.24	20.35	20.35		
20	QPSK	1	0	20.53	20.60	20.37	21.7	0.0
20	QPSK	1	109	20.53	20.60	20.37		
20	QPSK	1	214	20.53	20.60	20.37		
20	QPSK	108	0	20.32	20.38	20.37	21.7	0.0
20	QPSK	108	55	20.32	20.38	20.37		
20	QPSK	216	0	20.32	20.38	20.37		
20	QPSK	216	108	20.32	20.38	20.37		
20	16QAM	1	0	20.43	20.42	20.36	21.7	0.0
20	16QAM	1	1	20.43	20.42	20.36	21.7	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
30	QPSK	1	0	20.41	20.31	20.31	21.7	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
35	QPSK	1	0	20.41	20.31	20.31	21.7	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
40	QPSK	1	0	20.41	20.31	20.31	21.7	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
50	QPSK	1	0	20.41	20.31	20.31	21.7	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
5	QPSK	1	0	20.39	20.45	20.32	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Upper	Power Middle Middle Upper	Power High Middle Upper	Tune-up limit [dBm]	MPR [dB]
Channel				393216	394000	394608		
Frequency [MHz]				1968	1970	1972.8		
20	PI/2-BPSK	1	0	21.17	20.27	20.16	21.2	0.0
20	PI/2-BPSK	1	109	20.16	20.27	20.16		
20	PI/2-BPSK	1	214	20.16	20.27	20.16		
20	PI/2-BPSK	108	0	20.24	20.27	20.16	21.2	0.0
20	PI/2-BPSK	108	55	20.24	20.28	20.16	21.2	0.0
20	PI/2-BPSK	216	0	20.24	20.28	20.16	21.2	0.0
20	PI/2-BPSK	216	108	20.24	20.28	20.16		
20	QPSK	1	0	20.38	20.39	20.26	21.2	0.0
20	QPSK	1	109	20.38	20.39	20.26		
20	QPSK	1	214	20.38	20.39	20.26		
20	QPSK	108	0	20.19	20.30	20.19	21.2	0.0
20	QPSK	108	55	20.19	20.30	20.19	21.2	0.0
20	QPSK	216	0	20.24	20.28	20.19	21.2	0.0
20	QPSK	216	108	20.24	20.28	20.19		
20	16QAM	1	0	20.42	20.28	20.19	21.2	0.0
20	16QAM	1	1	20.18	20.21	20.08	21.2	0.0
20	16QAM	1	99	20.18	20.21	20.08	21.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
30	QPSK	1	0	20.38	20.39	20.26	21.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
35	QPSK	1	0	20.38	20.39	20.26	21.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
40	QPSK	1	0	20.38	20.39	20.26	21.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
50	QPSK	1	0	20.38	20.39	20.26	21.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
5	QPSK	1	0	20.12	20.28	20.16	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Upper	Power Middle Middle Upper	Power High Middle Upper	Tune-up limit [dBm]	MPR [dB]
Channel				393216	394000	394608		
Frequency [MHz]				1968	1970	1972.8		
20	PI/2-BPSK	1	0	19.47	19.36	19.31	20.3	0.0
20	PI/2-BPSK	1	109	19.52	19.36	19.32		
20	PI/2-BPSK	1	214	19.52	19.36	19.32		
20	PI/2-BPSK	108	0	19.27	19.36	19.32	20.3	0.0
20	PI/2-BPSK	108	55	19.48	19.24	19.40	20.3	0.0
20	PI/2-BPSK	216	0	19.27	19.36	19.32	20.3	0.0
20	PI/2-BPSK	216	108	19.31	19.32	19.32		
20	QPSK	1	0	19.14	19.20	19.13		
20	QPSK	1	109	19.14	19.20	19.13	20.2	0.0
20	QPSK	1	214	19.14	19.20	19.13		
20	QPSK	108	0	19.02	19.10	19.10	20.2	0.0
20	QPSK	108	55	19.23	19.10	19.10	20.2	0.0
20	QPSK	216	0	19.05	19.10	19.10		
20	QPSK	216	108	19.05	19.10	19.10		
20	16QAM	1	0	19.23	19.16	19.20	20.2	0.0
20	16QAM	1	1	19.00	19.09	18.98	20.2	0.0
20	16QAM	1	99	19.00	19.09	18.98	20.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
30	QPSK	1	0	19.14	19.20	19.13	20.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
35	QPSK	1	0	19.14	19.20	19.13	20.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
40	QPSK	1	0	19.14	19.20	19.13	20.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
50	QPSK	1	0	19.14	19.20	19.13	20.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
5	QPSK	1	0	19.08	19.09	18.98	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Upper	Power Middle Middle Upper	Power High Middle Upper	Tune-up limit [dBm]	MPR [dB]
Channel				393216	394000	394608		
Frequency [MHz]				1968	1970	1972.8		
20	PI/2-BPSK	1	0	20.41	20.31	20.31	22.3	0.0
20	PI/2-BPSK	1	109	20.41	20.58	20.58		
20	PI/2-BPSK	1	214	20.41	20.58	20.58		
20	PI/2-BPSK	108	0	20.24	20.35	20.35	22.2	0.0
20	PI/2-BPSK	108	55	20.51	20.65	20.35	22.2	0.0
20	PI/2-BPSK	216	0	20.24	20.35	20.35		
20	PI/2-BPSK	216	108	20.24	20.35	20.35		
20	QPSK	1	0	20.53	20.60	20.37	22.2	0.0
20	QPSK	1	109	20.53	20.60	20.37		
20	QPSK	1	214	20.53	20.60	20.37		
20	QPSK	108	0	20.32	20.68	20.32	22.2	0.0
20	QPSK	108	55	20.32	20.68	20.32	22.2	0.0
20	QPSK	216	0	20.32	20.68	20.32		
20	QPSK	216	108	20.32	20.68	20.32		
20	16QAM	1	0	20.43	20.42	20.36	22.2	0.0
20	16QAM	1	1	20.43	20.48	20.43	22.2	0.0
20	16QAM	1	99	20.43	20.48	20.43	22.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
30	QPSK	1	0	20.41	20.31	20.31	22.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
35	QPSK	1	0	20.41	20.31	20.31	22.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
40	QPSK	1	0	20.41	20.31	20.31	22.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
50	QPSK	1	0	20.41	20.31	20.31	22.2	0.0
Channel				393216	394000	394608	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				1968	1970	1972.8		
5	QPSK	1	0	20.51	20.53	20.38	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				133203	136413	139623		
Frequency (MHz)				665.5	681.5	697.5		
20	PI/2 BPSK	1	0	22.71	23.08	23.11	23.7	0.0
20	PI/2 BPSK	1	50	22.68	22.98	23.08		
20	PI/2 BPSK	1	99	22.67	22.92	23.06		
20	PI/2 BPSK	50	0	22.58	22.92	23.06	23.7	0.0
20	PI/2 BPSK	50	25	22.56	22.89	23.03	23.2	0.5
20	PI/2 BPSK	50	50	22.56	22.89	23.03	23.7	0.0
20	PI/2 BPSK	100	0	22.53	22.83	22.96		
20	QPSK	1	0	23.17	23.77	23.79	23.7	0.0
20	QPSK	1	50	23.13	23.73	23.76		
20	QPSK	1	99	23.13	23.71	23.73		
20	QPSK	50	0	22.12	22.72	23.16	23.7	1.0
20	QPSK	50	25	22.12	22.72	23.16	23.7	1.0
20	QPSK	50	50	22.12	22.72	23.16		
20	QPSK	100	0	22.07	22.68	23.08	23.7	1.0
20	16QAM	1	0	21.46	22.05	22.45	23.2	1.0
20	16QAM	1	50	21.46	22.05	22.45	23.2	1.0
20	16QAM	1	99	21.46	22.05	22.45	23.2	1.0
20	16QAM	50	0	20.46	21.05	21.45	22.2	1.0
20	16QAM	50	25	20.46	21.05	21.45	22.2	1.0
20	16QAM	50	50	20.46	21.05	21.45	22.2	1.0
20	16QAM	100	0	20.46	21.05	21.45	22.2	1.0
Channel				133203	136413	139623	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	681.5	697.5		
15	QPSK	1	0	23.07	23.67	23.69	24.2	0.0
15	QPSK	1	37	23.04	23.64	23.66		
15	QPSK	1	74	23.04	23.62	23.64		
15	QPSK	36	0	22.04	22.62	23.06	24.2	1.0
15	QPSK	36	19	22.04	22.62	23.06	24.2	1.0
15	QPSK	36	39	22.04	22.62	23.06		
15	QPSK	75	0	22.01	22.59	23.03		
Channel				133203	136413	139623	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	681.5	697.5		
10	QPSK	1	0	23.07	23.67	23.69	24.2	0.0
10	QPSK	1	25	23.04	23.64	23.66		
10	QPSK	1	49	23.04	23.62	23.64		
10	QPSK	25	0	22.04	22.62	23.06	24.2	1.0
10	QPSK	25	12	22.04	22.62	23.06	24.2	1.0
10	QPSK	25	25	22.04	22.62	23.06		
10	QPSK	50	0	22.01	22.59	23.03		
Channel				133203	136413	139623	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	681.5	697.5		
5	QPSK	1	0	23.07	23.67	23.69	24.2	0.0
5	QPSK	1	12	23.04	23.64	23.66		
5	QPSK	1	24	23.04	23.62	23.64		
5	QPSK	12	0	22.04	22.62	23.06	24.2	1.0
5	QPSK	12	6	22.04	22.62	23.06	24.2	1.0
5	QPSK	12	12	22.04	22.62	23.06		
5	QPSK	25	0	22.01	22.59	23.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				133203	136413	139623		
Frequency (MHz)				665.5	681.5	697.5		
20	PI/2 BPSK	1	0	22.78	23.12	23.12	25.7	0.0
20	PI/2 BPSK	1	50	22.75	23.02	23.08		
20	PI/2 BPSK	1	99	22.72	22.92	23.02		
20	PI/2 BPSK	50	0	22.67	22.92	23.02	25.7	0.0
20	PI/2 BPSK	50	25	22.65	22.89	22.99	25.2	0.5
20	PI/2 BPSK	50	50	22.65	22.89	22.99	25.7	0.0
20	PI/2 BPSK	100	0	22.62	22.83	22.93		
20	QPSK	1	0	23.28	23.77	23.79	25.2	0.0
20	QPSK	1	50	23.25	23.73	23.76		
20	QPSK	1	99	23.25	23.71	23.73		
20	QPSK	50	0	22.25	22.72	23.16	25.2	1.0
20	QPSK	50	25	22.25	22.72	23.16	25.2	1.0
20	QPSK	50	50	22.25	22.72	23.16		
20	QPSK	100	0	22.22	22.68	23.08	25.2	1.0
20	16QAM	1	0	21.45	22.05	22.45	24.2	1.0
20	16QAM	1	50	21.45	22.05	22.45	24.2	1.0
20	16QAM	1	99	21.45	22.05	22.45	24.2	1.0
20	16QAM	50	0	20.45	21.05	21.45	23.2	1.0
20	16QAM	50	25	20.45	21.05	21.45	23.2	1.0
20	16QAM	50	50	20.45	21.05	21.45	23.2	1.0
20	16QAM	100	0	20.45	21.05	21.45	23.2	1.0
Channel				133203	136413	139623	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	681.5	697.5		
15	QPSK	1	0	23.28	23.67	23.69	25.2	0.0
15	QPSK	1	37	23.25	23.64	23.66		
15	QPSK	1	74	23.25	23.62	23.64		
15	QPSK	36	0	22.25	22.62	23.06	25.2	1.0
15	QPSK	36	19	22.25	22.62	23.06	25.2	1.0
15	QPSK	36	39	22.25	22.62	23.06		
15	QPSK	75	0	22.22	22.59	23.03		
Channel				133203	136413	139623	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	681.5	697.5		
10	QPSK	1	0	23.28	23.67	23.69	25.2	0.0
10	QPSK	1	25	23.25	23.64	23.66		
10	QPSK	1	49	23.25	23.62	23.64		
10	QPSK	25	0	22.25	22.62	23.06	25.2	1.0
10	QPSK	25	12	22.25	22.62	23.06	25.2	1.0
10	QPSK	25	25	22.25	22.62	23.06		
10	QPSK	50	0	22.22	22.59	23.03		
Channel				133203	136413	139623	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	681.5	697.5		
5	QPSK	1	0	23.28	23.67	23.69	25.2	0.0
5	QPSK	1	12	23.25	23.64	23.66		
5	QPSK	1	24	23.25	23.62	23.64		
5	QPSK	12	0	22.25	22.62	23.06	25.2	1.0
5	QPSK	12	6	22.25	22.62	23.06	25.2	1.0
5	QPSK	12	12	22.25	22.62	23.06		
5	QPSK	25	0	22.22	22.59	23.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 38000	Power Middle Channel 38000	Power High Channel 38000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2498	2593	2689		
20	PI/2 BPSK	1	0	19.70	19.70	19.70	20.2	0.0
20	PI/2 BPSK	1	49	19.60	19.60	19.60		
20	PI/2 BPSK	36	0	18.62	18.62	18.62	20.2	0.0
20	PI/2 BPSK	36	20	18.56	18.56	18.56	20.2	0.0
20	PI/2 BPSK	75	0	18.62	18.62	18.62	20.2	0.0
20	PI/2 BPSK	75	41	18.56	18.56	18.56		
20	QPSK	1	0	19.59	19.59	19.59	20.2	0.0
20	QPSK	1	49	19.49	19.49	19.49		
20	QPSK	36	0	18.52	18.52	18.52	20.2	0.0
20	QPSK	36	20	18.46	18.46	18.46		
20	QPSK	75	0	18.52	18.52	18.52		
20	QPSK	75	41	18.46	18.46	18.46		
20	16QAM	1	0	18.58	18.58	18.58	20.2	0.0
20	16QAM	1	49	18.48	18.48	18.48		
20	16QAM	36	0	17.51	17.51	17.51	20.2	0.0
20	16QAM	36	20	17.45	17.45	17.45		
20	16QAM	75	0	17.51	17.51	17.51		
20	16QAM	75	41	17.45	17.45	17.45		
Frequency [MHz]				2512	2593	2674		
20	QPSK	1	0	19.71	19.71	19.71	20.2	0.0
Channel				37900	38000	38098	Tune-up limit	MPR
Frequency [MHz]				2517.5	2605	2692.5	(dBm)	(dB)
15	QPSK	1	0	19.71	19.71	19.71	20.2	0.0
Channel				37800	38000	38098	Tune-up limit	MPR
Frequency [MHz]				2523	2615	2707	(dBm)	(dB)
10	QPSK	1	0	19.71	19.71	19.71	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 38000	Power Middle Channel 38000	Power High Channel 38000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2498	2593	2689		
20	PI/2 BPSK	1	0	19.70	19.70	19.70	20.2	0.0
20	PI/2 BPSK	1	49	19.60	19.60	19.60		
20	PI/2 BPSK	36	0	18.62	18.62	18.62	20.2	0.0
20	PI/2 BPSK	36	20	18.56	18.56	18.56	20.2	0.0
20	PI/2 BPSK	75	0	18.62	18.62	18.62	20.2	0.0
20	PI/2 BPSK	75	41	18.56	18.56	18.56		
20	QPSK	1	0	19.59	19.59	19.59	20.2	0.0
20	QPSK	1	49	19.49	19.49	19.49		
20	QPSK	36	0	18.52	18.52	18.52	20.2	0.0
20	QPSK	36	20	18.46	18.46	18.46		
20	QPSK	75	0	18.52	18.52	18.52		
20	QPSK	75	41	18.46	18.46	18.46		
20	16QAM	1	0	18.58	18.58	18.58	20.2	0.0
20	16QAM	1	49	18.48	18.48	18.48		
20	16QAM	36	0	17.51	17.51	17.51	20.2	0.0
20	16QAM	36	20	17.45	17.45	17.45		
20	16QAM	75	0	17.51	17.51	17.51		
20	16QAM	75	41	17.45	17.45	17.45		
Frequency [MHz]				2512	2593	2674		
20	QPSK	1	0	19.71	19.71	19.71	20.2	0.0
Channel				37900	38000	38098	Tune-up limit	MPR
Frequency [MHz]				2517.5	2605	2692.5	(dBm)	(dB)
15	QPSK	1	0	19.71	19.71	19.71	20.2	0.0
Channel				37800	38000	38098	Tune-up limit	MPR
Frequency [MHz]				2523	2615	2707	(dBm)	(dB)
10	QPSK	1	0	19.71	19.71	19.71	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 38000	Power Middle Channel 38000	Power High Channel 38000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2498	2593	2689		
20	PI/2 BPSK	1	0	14.70	14.70	14.70	16.2	0.0
20	PI/2 BPSK	1	49	14.60	14.60	14.60		
20	PI/2 BPSK	36	0	13.62	13.62	13.62	16.2	0.0
20	PI/2 BPSK	36	20	13.56	13.56	13.56	16.2	0.0
20	PI/2 BPSK	75	0	13.62	13.62	13.62	16.2	0.0
20	PI/2 BPSK	75	41	13.56	13.56	13.56		
20	QPSK	1	0	14.59	14.59	14.59	16.2	0.0
20	QPSK	1	49	14.49	14.49	14.49		
20	QPSK	36	0	13.52	13.52	13.52	16.2	0.0
20	QPSK	36	20	13.46	13.46	13.46		
20	QPSK	75	0	13.52	13.52	13.52		
20	QPSK	75	41	13.46	13.46	13.46		
20	16QAM	1	0	13.58	13.58	13.58	16.2	0.0
20	16QAM	1	49	13.48	13.48	13.48		
20	16QAM	36	0	12.51	12.51	12.51	16.2	0.0
20	16QAM	36	20	12.45	12.45	12.45		
20	16QAM	75	0	12.51	12.51	12.51		
20	16QAM	75	41	12.45	12.45	12.45		
Frequency [MHz]				2512	2593	2674		
20	QPSK	1	0	14.71	14.71	14.71	16.2	0.0
Channel				37900	38000	38098	Tune-up limit	MPR
Frequency [MHz]				2517.5	2605	2692.5	(dBm)	(dB)
15	QPSK	1	0	14.71	14.71	14.71	16.2	0.0
Channel				37800	38000	38098	Tune-up limit	MPR
Frequency [MHz]				2523	2615	2707	(dBm)	(dB)
10	QPSK	1	0	14.71	14.71	14.71	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel 38000	Power Middle Channel 38000	Power High Channel 38000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				2498	2593	2689		
20	PI/2 BPSK	1	0	21.70	21.70	21.70	23.0	0.0
20	PI/2 BPSK	1	49	21.60	21.60	21.60		
20	PI/2 BPSK	36	0	21.62	21.62	21.62	23.0	0.0
20	PI/2 BPSK	36	20	21.56	21.56	21.56	23.0	0.0
20	PI/2 BPSK	75	0	21.62	21.62	21.62	23.0	0.0
20	PI/2 BPSK	75	41	21.56	21.56	21.56		
20	QPSK	1	0	21.59	21.59	21.59	23.0	0.0
20	QPSK	1	49	21.49	21.49	21.49		
20	QPSK	36	0	21.52	21.52	21.52	23.0	0.0
20	QPSK	36	20	21.46	21.46	21.46		
20	QPSK	75	0	21.52	21.52	21.52		
20	QPSK	75	41	21.46	21.46	21.46		
20	16QAM	1	0	20.58	20.58	20.58	23.0	0.0
20	16QAM	1	49	20.48	20.48	20.48		
20	16QAM	36	0	19.51	19.51	19.51	23.0	0.0
20	16QAM	36	20	19.45	19.45	19.45		
20	16QAM	75	0	19.51	19.51	19.51		
20	16QAM	75	41	19.45	19.45	19.45		
Frequency [MHz]				2512	2593	2674		
20	QPSK	1	0	21.71	21.71	21.71	23.0	0.0
Channel				37900	38000	38098	Tune-up limit	MPR
Frequency [MHz]				2517.5	2605	2692.5	(dBm)	(dB)
15	QPSK	1	0	21.71	21.71	21.71	23.0	0.0
Channel				37800	38000	38098	Tune-up limit	MPR
Frequency [MHz]				2523	2615	2707	(dBm)	(dB)
10	QPSK	1	0	21.71	21.71	21.71	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				518412	518670	518928		
Frequency (MHz)				2496.24	2496.48	2496.72		
100	PI/2-BPSK	1	0	19.11	19.21	19.13	20.2	0.0
100	PI/2-BPSK	1	50	19.02	19.08	19.02		
100	PI/2-BPSK	1	271	18.93	19.00	18.92		
100	PI/2-BPSK	136	0	18.92	18.79	18.92	20.2	0.0
100	PI/2-BPSK	135	69	18.71	18.70	18.74	20.2	0.0
100	PI/2-BPSK	135	0	18.92	18.79	18.92	20.2	0.0
100	PI/2-BPSK	1	0	19.04	18.96	18.96	20.2	0.0
100	QPSK	1	0	19.60	19.69	19.76	20.2	0.0
100	QPSK	1	50	19.60	19.69	19.76		
100	QPSK	1	271	19.74	19.70	19.81		
100	QPSK	135	0	18.58	18.70	18.58	20.2	0.0
100	QPSK	136	69	18.71	18.70	18.74		
100	QPSK	136	0	18.58	18.70	18.58		
100	QPSK	1	0	19.65	19.69	19.81	20.2	0.0
100	16QAM	1	0	18.46	18.55	18.46	20.2	0.0
100	64QAM	1	0	18.08	18.19	18.08	20.2	0.0
100	256QAM	1	0	16.58	16.70	16.58	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
90	QPSK	1	0	19.61	19.71	19.80	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
80	QPSK	1	0	19.77	19.77	19.77	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
70	QPSK	1	0	19.78	19.78	19.78	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
60	QPSK	1	0	19.79	19.79	19.79	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
50	QPSK	1	0	19.79	19.79	19.79	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
40	QPSK	1	0	19.62	19.69	19.48	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
30	QPSK	1	0	19.21	19.21	19.21	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
20	QPSK	1	0	18.42	18.49	18.48	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
10	QPSK	1	0	18.21	18.21	18.21	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
10	QPSK	1	1	18.18	18.21	18.18	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				518412	518670	518928		
Frequency (MHz)				2496.24	2496.48	2496.72		
100	PI/2-BPSK	1	0	19.21	19.21	19.13	20.2	0.0
100	PI/2-BPSK	1	50	19.02	19.08	19.02		
100	PI/2-BPSK	1	271	18.93	19.00	18.92		
100	PI/2-BPSK	136	0	18.92	18.79	18.92	20.2	0.0
100	PI/2-BPSK	135	69	18.71	18.70	18.74	20.2	0.0
100	PI/2-BPSK	135	0	18.92	18.79	18.92	20.2	0.0
100	PI/2-BPSK	1	0	19.04	18.96	18.96	20.2	0.0
100	QPSK	1	0	19.60	19.69	19.76	20.2	0.0
100	QPSK	1	50	19.60	19.69	19.76		
100	QPSK	1	271	19.74	19.70	19.81		
100	QPSK	135	0	18.58	18.70	18.58	20.2	0.0
100	QPSK	136	69	18.71	18.70	18.74		
100	QPSK	136	0	18.58	18.70	18.58		
100	QPSK	1	0	19.65	19.69	19.81	20.2	0.0
100	16QAM	1	0	18.46	18.55	18.46	20.2	0.0
100	64QAM	1	0	18.08	18.19	18.08	20.2	0.0
100	256QAM	1	0	16.58	16.70	16.58	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
90	QPSK	1	0	19.61	19.71	19.80	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
80	QPSK	1	0	19.77	19.77	19.77	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
70	QPSK	1	0	19.78	19.78	19.78	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
60	QPSK	1	0	19.79	19.79	19.79	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
50	QPSK	1	0	19.79	19.79	19.79	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
40	QPSK	1	0	19.62	19.69	19.48	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
30	QPSK	1	0	19.21	19.21	19.21	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
20	QPSK	1	0	18.42	18.49	18.48	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
10	QPSK	1	0	18.21	18.21	18.21	20.2	0.0
Channel				518232	518490	518748	Tune-up limit	MPR
Frequency (MHz)				2495.88	2496.06	2496.24	(dBm)	(dB)
10	QPSK	1	1	18.18	18.21	18.18	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				39731	40620	41509		
Frequency (MHz)				2496.55	2585.35	2674.15		
100	PI/2-BPSK	1	0	19.31	19.37	19.38	20.2	0.0
100	PI/2-BPSK	1	50	19.32	19.37	19.38		
100	PI/2-BPSK	1	271	19.33	19.37	19.38		
100	PI/2-BPSK	135	0	18.43	18.46	18.46	20.2	0.0
100	PI/2-BPSK	135	68	18.44	18.46	18.46	20.2	0.0
100	PI/2-BPSK	135	135	18.45	18.46	18.46	20.2	0.0
100	PI/2-BPSK	1	0	18.45	18.46	18.46		
100	QPSK	1	0	19.61	19.66	19.49	20.2	0.0
100	QPSK	1	50	19.62	19.66	19.49		
100	QPSK	1	271	19.63	19.66	19.49		
100	QPSK	135	0	18.63	18.67	18.47	20.2	0.0
100	QPSK	135	68	18.64	18.67	18.47		
100	QPSK	135	135	18.65	18.67	18.47		
100	QPSK	1	0	18.65	18.67	18.47		
100	16QAM	1	0	18.46	18.46	18.46	20.2	0.0
100	16QAM	1	50	18.47	18.46	18.46		
100	16QAM	1	271	18.48	18.46	18.46		
100	16QAM	135	0	18.53	18.47	18.38	20.2	0.0
100	16QAM	135	68	18.54	18.47	18.38		
100	16QAM	135	135	18.55	18.47	18.38		
100	16QAM	1	0	18.55	18.47	18.38		
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
80	QPSK	1	0	19.61	19.66	19.49	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
60	QPSK	1	0	19.77	19.77	19.78	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
40	QPSK	1	0	19.78	19.78	19.79	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
20	QPSK	1	0	19.79	19.79	19.79	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
10	QPSK	1	0	19.79	19.79	19.79	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
5	QPSK	1	0	19.79	19.79	19.79	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				39731	40620	41509		
Frequency (MHz)				2496.55	2585.35	2674.15		
100	PI/2-BPSK	1	0	19.31	19.37	19.38	20.2	0.0
100	PI/2-BPSK	1	50	19.32	19.37	19.38		
100	PI/2-BPSK	1	271	19.33	19.37	19.38		
100	PI/2-BPSK	135	0	18.43	18.46	18.46	20.2	0.0
100	PI/2-BPSK	135	68	18.44	18.46	18.46	20.2	0.0
100	PI/2-BPSK	135	135	18.45	18.46	18.46	20.2	0.0
100	PI/2-BPSK	1	0	18.45	18.46	18.46		
100	QPSK	1	0	19.61	19.66	19.49	20.2	0.0
100	QPSK	1	50	19.62	19.66	19.49		
100	QPSK	1	271	19.63	19.66	19.49		
100	QPSK	135	0	18.63	18.67	18.47	20.2	0.0
100	QPSK	135	68	18.64	18.67	18.47		
100	QPSK	135	135	18.65	18.67	18.47		
100	QPSK	1	0	18.65	18.67	18.47		
100	16QAM	1	0	18.46	18.46	18.46	20.2	0.0
100	16QAM	1	50	18.47	18.46	18.46		
100	16QAM	1	271	18.48	18.46	18.46		
100	16QAM	135	0	18.53	18.47	18.38	20.2	0.0
100	16QAM	135	68	18.54	18.47	18.38		
100	16QAM	135	135	18.55	18.47	18.38		
100	16QAM	1	0	18.55	18.47	18.38		
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
80	QPSK	1	0	19.61	19.66	19.49	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
60	QPSK	1	0	19.77	19.77	19.78	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
40	QPSK	1	0	19.78	19.78	19.79	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
20	QPSK	1	0	19.79	19.79	19.79	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
10	QPSK	1	0	19.79	19.79	19.79	20.2	0.0
Channel				39750	40620	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.05	2585.35	2672.65		
5	QPSK	1	0	19.79	19.79	19.79	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				520000	524000	528000		
Frequency (MHz)				2506.01	2511.19	2516.39		
100	PI/2 BPSK	1	0	15.47	15.18	15.11	16.2	0.0
100	PI/2 BPSK	1	51	15.47	15.18	15.11		
100	PI/2 BPSK	1	271	15.47	15.18	15.07		
100	PI/2 BPSK	135	0	15.32	15.12	15.07	16.2	0.0
100	PI/2 BPSK	135	66	15.32	15.12	15.07	16.2	0.0
100	PI/2 BPSK	135	135	15.32	15.12	15.07		
100	PI/2 BPSK	270	0	15.32	15.12	15.07	16.2	0.0
100	QPSK	1	0	16.20	16.05	15.99	16.2	0.0
100	QPSK	1	51	16.20	16.05	15.99		
100	QPSK	1	271	16.18	16.03	15.97		
100	QPSK	135	0	16.18	16.01	15.71	16.2	0.0
100	QPSK	135	66	16.18	16.01	15.71		
100	QPSK	135	135	16.18	16.01	15.71		
100	QPSK	270	0	16.18	16.01	15.71	16.2	0.0
100	64QAM	1	0	15.47	15.29	15.01	16.2	0.0
100	64QAM	1	51	15.47	15.29	15.01	16.2	0.0
100	64QAM	1	271	15.47	15.29	15.01	16.2	0.0
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
80	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
60	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
40	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
20	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
10	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
10	QPSK	1	0	17.47	17.23	17.17	17.5	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Channel	Power Middle Channel	Power High Channel	Tune-up limit (dBm)	MPR (dB)
Channel				520000	524000	528000		
Frequency (MHz)				2506.01	2511.19	2516.39		
100	PI/2 BPSK	1	0	15.47	15.18	15.11	16.2	0.0
100	PI/2 BPSK	1	51	15.47	15.18	15.11		
100	PI/2 BPSK	1	271	15.47	15.18	15.07		
100	PI/2 BPSK	135	0	15.32	15.12	15.07	16.2	0.0
100	PI/2 BPSK	135	66	15.32	15.12	15.07	16.2	0.0
100	PI/2 BPSK	135	135	15.32	15.12	15.07		
100	PI/2 BPSK	270	0	15.32	15.12	15.07	16.2	0.0
100	QPSK	1	0	16.20	16.05	15.99	16.2	0.0
100	QPSK	1	51	16.20	16.05	15.99		
100	QPSK	1	271	16.18	16.03	15.97		
100	QPSK	135	0	16.18	16.01	15.71	16.2	0.0
100	QPSK	135	66	16.18	16.01	15.71		
100	QPSK	135	135	16.18	16.01	15.71		
100	QPSK	270	0	16.18	16.01	15.71	16.2	0.0
100	64QAM	1	0	15.47	15.29	15.01	16.2	0.0
100	64QAM	1	51	15.47	15.29	15.01	16.2	0.0
100	64QAM	1	271	15.47	15.29	15.01	16.2	0.0
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
80	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
60	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
40	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
20	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
10	QPSK	1	0	17.47	17.23	17.17	17.5	0.5
Channel				520000	524000	528000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.01	2511.19	2516.39		
10	QPSK	1	0	17.47	17.23	17.17	17.5	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				518002	518998	539000		
Frequency (MHz)				2496.01	2498.99	2505.01		
100	QPSK	1	0	19.42	19.45	19.45	20.2	0.0
100	QPSK	1	137	19.35	19.35	19.18		
100	QPSK	1	273	19.29	19.29	19.25		
100	QPSK	135	0	18.45	18.29	18.26	20.2	0.0
100	QPSK	135	137	18.35	18.35	18.18		
100	QPSK	135	138	18.59	18.39	18.40		
100	QPSK	273	0	18.66	18.50	18.59	19.7	0.3
100	16QAM	1	0	18.56	18.53	18.55	20.2	0.0
100	16QAM	1	1	18.49	18.45	18.47	19.2	0.8
100	256QAM	1	1	17.29	17.23	17.27	18.2	2.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2498.99	2505.01		
90	QPSK	1	0	19.48	19.47	19.47	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
80	QPSK	1	0	19.78	19.77	19.77	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
70	QPSK	1	0	19.38	19.49	19.47	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2498.99	2505.01		
60	QPSK	1	0	19.81	19.78	19.81	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
50	QPSK	1	0	19.38	19.41	19.38	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
40	QPSK	1	0	19.42	19.23	19.28	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2498.99	2505.01		
30	QPSK	1	0	19.78	19.81	19.78	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
20	QPSK	1	0	19.78	19.81	19.78	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
15	QPSK	1	0	19.38	19.41	19.41	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505		
10	QPSK	1	0	19.39	19.39	19.39	20.2	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				518002	518998	539000		
Frequency (MHz)				2496.01	2498.99	2505.01		
100	QPSK	1	0	19.41	19.41	19.38	20.7	0.0
100	QPSK	1	137	19.25	19.25	19.05		
100	QPSK	1	273	20.37	19.93	19.93		
100	QPSK	137	0	18.84	18.81	18.71	20.7	0.0
100	QPSK	137	137	18.75	18.75	18.65		
100	QPSK	137	138	18.77	18.83	18.75		
100	QPSK	273	0	19.79	19.93	19.93	20.2	0.0
100	16QAM	1	0	18.71	18.93	19.03	20.7	0.0
100	16QAM	1	1	17.75	17.93	17.93	19.7	0.3
100	256QAM	1	1	17.15	17.23	17.13	18.7	2.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2498.99	2505.01		
90	QPSK	1	0	19.79	19.48	19.48	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
80	QPSK	1	0	19.78	19.77	19.77	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2498.99	2505.01		
70	QPSK	1	0	19.49	19.49	19.49	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2498.99	2505.01		
60	QPSK	1	0	19.81	19.78	19.81	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
50	QPSK	1	0	19.78	19.78	19.78	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
40	QPSK	1	0	19.39	19.49	19.42	20.7	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2498.99	2505.01		
30	QPSK	1	0	20.19	19.78	19.78	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
20	QPSK	1	0	19.78	19.78	19.78	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505.01		
15	QPSK	1	0	20.09	20.21	19.41	20.2	0.0
Channel				520000	518998	539000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.02	2498.99	2505		
10	QPSK	1	0	20.03	19.99	19.94	20.7	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				506010	518598	528993		
Frequency (MHz)				2506.01	2537.99	2569.99		
100	QPSK	1	1	16.14	16.17	16.17	16.2	0.0
100	QPSK	1	137	15.01	15.14	14.95		
100	QPSK	1	271	15.09	15.03	14.95		
100	QPSK	137	0	14.88	15.03	14.87	16.2	0.0
100	QPSK	137	68	14.88	15.03	14.87		
100	QPSK	137	138	14.88	15.03	14.88		
100	QPSK	273	0	14.60	15.03	15.11	16.2	0.0
100	16QAM	1	1	15.12	15.03	14.81	16.2	0.5
100	64QAM	1	1	14.12	14.17	14.16	15.2	1.0
100	256QAM	1	1	13.08	13.11	13.16	14.2	2.0
Channel				506334	518922	529293	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507	2538.99	2569.99		
80	QPSK	1	1	16.14	16.17	16.16	16.2	0.0
Channel				506658	519246	529593	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2540.01	2570.01		
60	QPSK	1	1	16.17	16.17	16.17	16.2	0.0
Channel				506982	519570	529893	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2509.03	2541.01	2571.01		
40	QPSK	1	1	16.14	16.17	16.16	16.2	0.0
Channel				507306	519894	530193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510.04	2542.03	2572.03		
20	QPSK	1	1	16.17	16.17	16.17	16.2	0.0
Channel				507630	520218	530493	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511.05	2543.04	2573.04		
10	QPSK	1	1	16.14	16.17	16.16	16.2	0.0
Channel				507954	520542	530793	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.06	2544.05	2574.05		
5	QPSK	1	1	16.17	16.17	16.17	16.2	0.0
Channel				508278	520866	530993	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.07	2545.06	2575.06		
3	QPSK	1	1	16.14	16.17	16.17	16.2	0.0
Channel				508602	521190	531193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2514.08	2546.07	2576.07		
1.4	QPSK	1	1	16.11	16.11	16.11	16.2	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	17.50	17.69	17.39	18.7	0.0
40	PI/2 BPSK	1	53	17.57	17.73	17.34		
40	PI/2 BPSK	1	104	17.69	17.72	17.38		
40	PI/2 BPSK	50	0	17.54	17.65	17.35	18.7	0.0
40	PI/2 BPSK	50	26	17.64	17.68	17.37	18.7	0.0
40	PI/2 BPSK	50	50	17.48	17.62	17.47	18.7	0.0
40	PI/2 BPSK	100	0	17.63	17.66	17.37		
40	QPSK	1	1	17.70	17.73	17.70	18.7	0.0
40	QPSK	1	53	17.72	17.72	17.65		
40	QPSK	1	104	17.58	17.73	17.65		
40	QPSK	50	0	17.52	17.65	17.69	18.7	0.0
40	QPSK	50	26	17.58	17.65	17.49		
40	QPSK	50	50	17.62	17.62	17.45		
40	QPSK	100	0	17.61	17.61	17.65	18.7	0.0
40	16QAM	1	1	17.54	17.68	17.42	18.7	0.0
40	64QAM	1	1	17.44	17.59	17.34	18.7	0.0
40	256QAM	1	1	17.49	17.55	17.51	18.7	0.5
Channel				637334	641666	645998	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3560.01	3624.99	3690		
20	QPSK	1	1	17.44	17.57	17.37	18.7	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3555	3624.99	3694.98		
10	QPSK	1	1	17.44	17.51	17.35	18.7	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	20.21	20.29	20.18	21.7	0.0
40	PI/2 BPSK	1	53	20.42	20.38	20.30		
40	PI/2 BPSK	1	104	20.27	20.31	20.20		
40	PI/2 BPSK	50	0	20.43	20.52	20.41	21.7	0.0
40	PI/2 BPSK	50	26	20.28	20.45	20.39	21.7	0.0
40	PI/2 BPSK	50	50	20.27	20.38	20.23	21.7	0.0
40	PI/2 BPSK	100	0	20.34	20.48	20.39		
40	QPSK	1	1	20.54	20.57	20.43	21.7	0.0
40	QPSK	1	53	20.43	20.36	20.34		
40	QPSK	1	104	20.43	20.41	20.40		
40	QPSK	50	0	20.42	20.48	20.40	21.7	0.0
40	QPSK	50	26	20.37	20.40	20.26		
40	QPSK	50	50	20.23	20.36	20.31		
40	QPSK	100	0	20.33	20.50	20.30	21.7	0.0
40	16QAM	1	1	20.23	20.39	20.31	21.7	0.0
40	64QAM	1	1	20.41	20.31	20.30	21.7	0.0
40	256QAM	1	1	19.72	19.77	19.76	20.7	1.0
Channel				637334	641666	645998	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3560.01	3624.99	3690		
20	QPSK	1	1	19.83	19.84	19.76	21.7	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				3555	3624.99	3694.98		
10	QPSK	1	1	19.85	19.87	19.75	21.7	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	17.73	17.78	17.72	19.2	0.0
100	PI/2 BPSK	1	137	17.61	17.62	17.55		
100	PI/2 BPSK	1	271	17.55	17.62	17.49		
100	PI/2 BPSK	135	0	17.64	17.73	17.63	19.2	0.0
100	PI/2 BPSK	135	69	17.66	17.68	17.62	19.2	0.0
100	PI/2 BPSK	135	138	17.49	17.59	17.53	19.2	0.0
100	PI/2 BPSK	270	0	17.72	17.75	17.74		
100	QPSK	1	1	17.75	17.81	17.74	19.2	0.0
100	QPSK	1	137	17.64	17.68	17.64		
100	QPSK	1	271	17.53	17.66	17.59		
100	QPSK	135	0	17.54	17.63	17.54	19.2	0.0
100	QPSK	135	69	17.69	17.76	17.73		
100	QPSK	135	138	17.53	17.64	17.58		
100	QPSK	270	0	17.63	17.75	17.69	19.2	0.0
100	16QAM	1	1	17.60	17.74	17.60	19.2	0.0
100	64QAM	1	1	17.66	17.79	17.75	19.2	0.0
100	256QAM	1	1	17.61	17.62	17.50	19.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.66	17.55	17.48	19.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.64	17.52	17.51	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.51	17.55	17.54	19.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.56	17.63	17.47	19.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.64	17.58	17.47	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.51	17.62	17.52	19.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.65	17.50	17.58	19.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.50	17.35	17.43	19.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.61	17.59	17.50	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.59	17.56	17.50	19.2	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	17.73	17.78	17.72	19.2	0.0
100	PI/2 BPSK	1	137	17.61	17.62	17.55		
100	PI/2 BPSK	1	271	17.55	17.62	17.49		
100	PI/2 BPSK	135	0	17.64	17.73	17.63	19.2	0.0
100	PI/2 BPSK	135	69	17.66	17.68	17.62	19.2	0.0
100	PI/2 BPSK	135	138	17.49	17.59	17.53	19.2	0.0
100	PI/2 BPSK	270	0	17.72	17.75	17.74		
100	QPSK	1	1	17.75	17.81	17.74	19.2	0.0
100	QPSK	1	137	17.64	17.68	17.64		
100	QPSK	1	271	17.53	17.66	17.59		
100	QPSK	135	0	17.54	17.63	17.54	19.2	0.0
100	QPSK	135	69	17.69	17.76	17.73		
100	QPSK	135	138	17.53	17.64	17.58		
100	QPSK	270	0	17.63	17.75	17.69	19.2	0.0
100	16QAM	1	1	17.60	17.74	17.60	19.2	0.0
100	64QAM	1	1	17.66	17.79	17.75	19.2	0.0
100	256QAM	1	1	17.61	17.62	17.50	19.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.66	17.55	17.48	19.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.64	17.52	17.51	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.51	17.55	17.54	19.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.56	17.63	17.47	19.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.64	17.58	17.47	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.51	17.62	17.52	19.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840.00	3964.98		
30	QPSK	1	1	17.65	17.50	17.58	19.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.50	17.35	17.43	19.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	17.61	17.59	17.50	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.59	17.56	17.50	19.2	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		17.92		19.2	0.0
100	PI/2 BPSK	1	137		17.88			
100	PI/2 BPSK	1	271		17.99			
100	PI/2 BPSK	135	0		17.89		19.2	0.0
100	PI/2 BPSK	135	69		17.86		19.2	0.0
100	PI/2 BPSK	135	138		17.83		19.2	0.0
100	PI/2 BPSK	270	0		17.86			
100	QPSK	1	1		18.00		19.2	0.0
100	QPSK	1	137		17.89			
100	QPSK	1	271		17.85			
100	QPSK	135	0		17.90		19.2	0.0
100	QPSK	135	69		17.92			
100	QPSK	135	138		17.86			
100	QPSK	270	0		17.91		19.2	0.0
100	16QAM	1	1		17.74		19.2	0.0
100	64QAM	1	1		17.92		19.2	0.0
100	256QAM	1	1		17.90		19.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.64	17.80	17.77	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.59	17.84	17.89	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.70	17.91	17.87	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.65	17.80	17.87	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.74	17.87	17.83	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.68	17.83	17.89	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.60	17.83	17.78	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.61	17.87	17.86	19.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.67	17.84	17.86	19.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.70	17.80	17.80	19.2	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		17.92		19.2	0.0
100	PI/2 BPSK	1	137		17.88			
100	PI/2 BPSK	1	271		17.99			
100	PI/2 BPSK	135	0		17.89		19.2	0.0
100	PI/2 BPSK	135	69		17.86		19.2	0.0
100	PI/2 BPSK	135	138		17.83		19.2	0.0
100	PI/2 BPSK	270	0		17.86			
100	QPSK	1	1		18.00		19.2	0.0
100	QPSK	1	137		17.89			
100	QPSK	1	271		17.85			
100	QPSK	135	0		17.90		19.2	0.0
100	QPSK	135	69		17.92			
100	QPSK	135	138		17.86			
100	QPSK	270	0		17.91		19.2	0.0
100	16QAM	1	1		17.74		19.2	0.0
100	64QAM	1	1		17.92		19.2	0.0
100	256QAM	1	1		17.90		19.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.64	17.80	17.77	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.59	17.84	17.89	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.70	17.91	17.87	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.65	17.80	17.87	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.74	17.87	17.83	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.68	17.83	17.89	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.60	17.83	17.78	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.61	17.87	17.86	19.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	17.67	17.84	17.86	19.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.70	17.80	17.80	19.2	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	QPSK	1	1	17.75	17.79	17.69	19.2	0.0
100	QPSK	1	137	17.51	17.54	17.50		
100	QPSK	1	271	17.44	17.58	17.46		
100	QPSK	137	0	17.54	17.57	17.47	19.2	0.0
100	QPSK	137	68	17.63	17.70	17.64		
100	QPSK	137	138	17.37	17.46	17.55		
100	QPSK	273	0	17.62	17.73	17.50	19.2	0.0
100	16QAM	1	1	17.56	17.59	17.49	19.2	0.0
100	64QAM	1	1	17.59	17.65	17.72	19.2	0.0
100	256QAM	1	1	17.56	17.49	17.41	19.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.68	17.74	17.60	19.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.59	17.77	17.67	19.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.62	17.77	17.73	19.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.72	17.71	17.57	19.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.70	17.72	17.62	19.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.63	17.74	17.72	19.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.71	17.66	17.61	19.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.60	17.65	17.64	19.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	17.69	17.73	17.65	19.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	17.62	17.65	17.72	19.2	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	QPSK	1	1		17.91		19.2	0.0
100	QPSK	1	137		17.75			
100	QPSK	1	271		17.74			
100	QPSK	137	0		17.88		19.2	0.0
100	QPSK	137	68		17.90			
100	QPSK	137	138		17.77			
100	QPSK	273	0		17.91		19.2	0.0
100	16QAM	1	1		17.55		19.2	0.0
100	64QAM	1	1		17.88		19.2	0.0
100	256QAM	1	1		17.71		19.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.82	17.73	17.78	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.80	17.68	17.61	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.79	17.73	17.64	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.71	17.81	17.67	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.82	17.70	17.70	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.64	17.84	17.66	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.73	17.76	17.74	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.78	17.67	17.68	19.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.81	17.80	17.78	19.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.75	17.76	17.64	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (dBm)	Power Middle Ch. Freq. (dBm)	Power High Ch. Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				636666	640000	643334		
Frequency (MHz)				3319.98	3340	3360.02		
100	PI/2 BPSK	1	0	17.41	17.41	17.41	19.2	0.0
100	PI/2 BPSK	1	271	17.42	17.41	17.42		
100	PI/2 BPSK	136	0	17.42	17.41	17.42	19.2	0.0
100	PI/2 BPSK	136	68	17.38	17.39	17.39	19.2	0.0
100	PI/2 BPSK	270	0	17.41	17.41	17.41	19.2	0.0
100	PI/2 BPSK	270	1	17.39	17.39	17.39		
100	QPSK	1	0	17.78	17.80	17.80	19.2	0.0
100	QPSK	1	271	17.78	17.80	17.80		
100	QPSK	136	0	17.80	17.80	17.80	19.2	0.0
100	QPSK	136	68	17.79	17.79	17.79		
100	QPSK	270	0	17.79	17.79	17.79	19.2	0.0
100	QPSK	270	1	17.80	17.80	17.80		
100	64QAM	1	0	17.41	17.41	17.41	18.2	0.0
100	64QAM	1	1	17.40	17.39	17.40	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
80	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
20	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
15	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
10	QPSK	1	0	17.41	17.41	17.41	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (dBm)	Power Middle Ch. Freq. (dBm)	Power High Ch. Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)
Channel				636666	640000	643334		
Frequency (MHz)				3319.98	3340	3360.02		
100	PI/2 BPSK	1	0	17.41	17.41	17.41	19.2	0.0
100	PI/2 BPSK	1	271	17.42	17.41	17.42		
100	PI/2 BPSK	136	0	17.42	17.41	17.42	19.2	0.0
100	PI/2 BPSK	136	68	17.38	17.39	17.39	19.2	0.0
100	PI/2 BPSK	270	0	17.41	17.41	17.41	19.2	0.0
100	PI/2 BPSK	270	1	17.39	17.39	17.39		
100	QPSK	1	0	17.78	17.80	17.80	19.2	0.0
100	QPSK	1	271	17.78	17.80	17.80		
100	QPSK	136	0	17.80	17.80	17.80	19.2	0.0
100	QPSK	136	68	17.79	17.79	17.79		
100	QPSK	270	0	17.79	17.79	17.79	19.2	0.0
100	QPSK	270	1	17.80	17.80	17.80		
100	64QAM	1	0	17.41	17.41	17.41	18.2	0.0
100	64QAM	1	1	17.40	17.39	17.40	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
80	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
20	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
15	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
10	QPSK	1	0	17.41	17.41	17.41	18.2	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				636666	640000	643334		
Frequency (MHz)				3319.98	3340	3360.02		
100	PI/2 BPSK	1	0		17.41		19.2	0.0
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	136	0		17.42		19.2	0.0
100	PI/2 BPSK	136	68		17.38		19.2	0.0
100	PI/2 BPSK	270	0		17.41		19.2	0.0
100	PI/2 BPSK	270	1		17.39			
100	QPSK	1	0		17.78		19.2	0.0
100	QPSK	1	271		17.78			
100	QPSK	136	0		17.80		19.2	0.0
100	QPSK	136	68		17.79			
100	QPSK	270	0		17.79		19.2	0.0
100	QPSK	270	1		17.80			
100	64QAM	1	0		17.41		18.2	0.0
100	64QAM	1	1		17.40		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
60	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
80	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
40	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
20	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
15	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
10	QPSK	1	0		17.41		18.2	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				636666	640000	643334		
Frequency (MHz)				3319.98	3340	3360.02		
100	PI/2 BPSK	1	0		17.41		19.2	0.0
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	136	0		17.42		19.2	0.0
100	PI/2 BPSK	136	68		17.38		19.2	0.0
100	PI/2 BPSK	270	0		17.41		19.2	0.0
100	PI/2 BPSK	270	1		17.39			
100	QPSK	1	0		17.78		19.2	0.0
100	QPSK	1	271		17.78			
100	QPSK	136	0		17.80		19.2	0.0
100	QPSK	136	68		17.79			
100	QPSK	270	0		17.79		19.2	0.0
100	QPSK	270	1		17.80			
100	64QAM	1	0		17.41		18.2	0.0
100	64QAM	1	1		17.40		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
60	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
80	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
40	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
20	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
15	QPSK	1	0		17.41		18.2	0.0
Channel				636666	640000	643334	Tune-up limit	MPR
Frequency (MHz)				3319.98	3340	3360.02	(dBm)	(dB)
10	QPSK	1	0		17.41		18.2	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	QPSK	1	1	17.75	17.79	17.78	19.2	0.0
100	QPSK	1	137	17.60	17.63	17.65		
100	QPSK	1	271	17.47	17.60	17.53		
100	QPSK	137	0	17.70	17.69	17.71	19.2	0.0
100	QPSK	137	68	17.64	17.75	17.55		
100	QPSK	137	138	17.48	17.69	17.66		
100	QPSK	273	0	17.67	17.70	17.55	19.2	0.0
100	16QAM	1	1	17.69	17.64	17.67	19.2	0.0
100	64QAM	1	1	17.60	17.59	17.64	19.2	0.0
100	256QAM	1	1	17.22	17.25	17.30	18.2	1.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.75	17.67	17.72	19.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.72	17.72	17.75	19.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.63	17.75	17.70	19.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.75	17.63	17.76	19.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.72	17.70	17.70	19.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.66	17.71	17.77	19.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.58	17.70	17.64	19.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.57	17.71	17.69	19.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	17.57	17.66	17.76	19.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	17.71	17.78	17.71	19.2	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	QPSK	1	1		18.01		19.2	0.0
100	QPSK	1	137		17.92			
100	QPSK	1	271		17.73			
100	QPSK	137	0		17.86		19.2	0.0
100	QPSK	137	68		17.88			
100	QPSK	137	138		17.80			
100	QPSK	273	0		17.86		19.2	0.0
100	16QAM	1	1		17.66		19.2	0.0
100	64QAM	1	1		17.80		19.2	0.0
100	256QAM	1	1		17.20		18.2	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.76	17.63	17.77	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.59	17.63	17.66	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.73	17.63	17.79	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.69	17.68	17.78	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.76	17.65	17.61	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.66	17.74	17.68	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.62	17.60	17.64	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.72	17.66	17.61	19.2	0.0
Channel				630500	633332	636165	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.72	17.61	17.71	19.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.66	17.71	17.69	19.2	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	18.54	18.59	18.49	20.2	0.0
100	PI/2 BPSK	1	137	18.59	18.66	18.54		
100	PI/2 BPSK	1	271	18.52	18.58	18.52		
100	PI/2 BPSK	135	0	18.58	18.64	18.52	20.2	0.0
100	PI/2 BPSK	135	69	18.57	18.68	18.58	20.2	0.0
100	PI/2 BPSK	135	138	18.53	18.56	18.59	20.2	0.0
100	PI/2 BPSK	270	0	18.51	18.64	18.62		
100	QPSK	1	1	18.80	18.81	18.75	20.2	0.0
100	QPSK	1	137	18.61	18.70	18.58		
100	QPSK	1	271	18.57	18.58	18.47		
100	QPSK	135	0	18.52	18.57	18.53	20.2	0.0
100	QPSK	135	69	18.53	18.66	18.59		
100	QPSK	135	138	18.56	18.54	18.54		
100	QPSK	270	0	18.60	18.63	18.53	20.2	0.0
100	16QAM	1	1	18.60	18.70	18.69	20.2	0.0
100	64QAM	1	1	18.63	18.78	18.78	20.2	0.0
100	256QAM	1	1	18.67	18.70	18.56	20.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.70	18.63	18.59	20.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.57	18.75	18.67	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.56	18.70	18.69	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.63	18.66	18.65	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.68	18.76	18.61	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.68	18.69	18.58	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.55	18.68	18.67	20.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.65	18.75	18.65	20.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.63	18.77	18.66	20.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.68	18.75	18.62	20.2	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	18.54	18.59	18.49	20.2	0.0
100	PI/2 BPSK	1	137	18.59	18.66	18.54		
100	PI/2 BPSK	1	271	18.52	18.58	18.52		
100	PI/2 BPSK	135	0	18.58	18.64	18.52	20.2	0.0
100	PI/2 BPSK	135	69	18.57	18.68	18.58	20.2	0.0
100	PI/2 BPSK	135	138	18.53	18.56	18.59	20.2	0.0
100	PI/2 BPSK	270	0	18.51	18.64	18.62		
100	QPSK	1	1	18.80	18.81	18.75	20.2	0.0
100	QPSK	1	137	18.61	18.70	18.58		
100	QPSK	1	271	18.57	18.58	18.47		
100	QPSK	135	0	18.52	18.57	18.53	20.2	0.0
100	QPSK	135	69	18.53	18.66	18.59		
100	QPSK	135	138	18.56	18.54	18.54		
100	QPSK	270	0	18.60	18.63	18.53	20.2	0.0
100	16QAM	1	1	18.60	18.70	18.69	20.2	0.0
100	64QAM	1	1	18.63	18.78	18.78	20.2	0.0
100	256QAM	1	1	18.67	18.70	18.56	20.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.70	18.63	18.59	20.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.57	18.75	18.67	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.56	18.70	18.69	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.63	18.66	18.65	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.68	18.76	18.61	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.68	18.69	18.58	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.55	18.68	18.67	20.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.65	18.75	18.65	20.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.63	18.77	18.66	20.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.68	18.75	18.62	20.2	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		18.82		20.2	0.0
100	PI/2 BPSK	1	137		18.94			
100	PI/2 BPSK	1	271		18.95			
100	PI/2 BPSK	135	0		18.90		20.2	0.0
100	PI/2 BPSK	135	69		18.83		20.2	0.0
100	PI/2 BPSK	135	138		18.82		20.2	0.0
100	PI/2 BPSK	270	0		18.90			
100	QPSK	1	1		19.01		20.2	0.0
100	QPSK	1	137		18.76			
100	QPSK	1	271		18.89			
100	QPSK	135	0		18.90		20.2	0.0
100	QPSK	135	69		18.92			
100	QPSK	135	138		18.82			
100	QPSK	270	0		18.92		20.2	0.0
100	16QAM	1	1		18.96		20.2	0.0
100	64QAM	1	1		18.92		20.2	0.0
100	256QAM	1	1		18.99		20.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.93	18.79	18.98	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.92	18.85	18.95	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.82	18.83	18.91	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.95	18.87	18.93	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.92	18.92	18.90	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.83	18.81	18.99	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.83	18.88	18.87	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.84	18.91	18.93	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.96	18.77	18.85	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.84	18.86	18.87	20.2	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		18.82		20.2	0.0
100	PI/2 BPSK	1	137		18.94			
100	PI/2 BPSK	1	271		18.95			
100	PI/2 BPSK	135	0		18.90		20.2	0.0
100	PI/2 BPSK	135	69		18.83		20.2	0.0
100	PI/2 BPSK	135	138		18.82		20.2	0.0
100	PI/2 BPSK	270	0		18.90			
100	QPSK	1	1		19.01		20.2	0.0
100	QPSK	1	137		18.76			
100	QPSK	1	271		18.89			
100	QPSK	135	0		18.90		20.2	0.0
100	QPSK	135	69		18.92			
100	QPSK	135	138		18.82			
100	QPSK	270	0		18.92		20.2	0.0
100	16QAM	1	1		18.96		20.2	0.0
100	64QAM	1	1		18.92		20.2	0.0
100	256QAM	1	1		18.99		20.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.93	18.79	18.98	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.92	18.85	18.95	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.82	18.83	18.91	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.95	18.87	18.93	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.92	18.92	18.90	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.83	18.81	18.99	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.83	18.88	18.87	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.84	18.91	18.93	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.96	18.77	18.85	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.84	18.86	18.87	20.2	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	QPSK	1	1	18.70	18.74	18.60	20.2	0.0
100	QPSK	1	137	18.53	18.52	18.51		
100	QPSK	1	271	18.47	18.54	18.35		
100	QPSK	137	0	18.40	18.50	18.46	20.2	0.0
100	QPSK	137	68	18.47	18.53	18.43		
100	QPSK	137	138	18.40	18.52	18.37		
100	QPSK	273	0	18.45	18.47	18.38	20.2	0.0
100	16QAM	1	1	18.57	18.67	18.59	20.2	0.0
100	64QAM	1	1	18.63	18.72	18.64	20.2	0.0
100	256QAM	1	1	18.60	18.63	18.53	20.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.70	18.62	18.51	20.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.55	18.59	18.70	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.64	18.62	18.52	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.66	18.55	18.55	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.68	18.64	18.51	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.61	18.67	18.70	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.70	18.59	18.67	20.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.68	18.64	18.70	20.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.58	18.59	18.58	20.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.61	18.58	18.58	20.2	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	QPSK	1	1		19.00		20.2	0.0
100	QPSK	1	137		18.69			
100	QPSK	1	271		18.79			
100	QPSK	137	0		18.87		20.2	0.0
100	QPSK	137	68		18.89			
100	QPSK	137	138		18.67			
100	QPSK	273	0		18.73		20.2	0.0
100	16QAM	1	1		18.88		20.2	0.0
100	64QAM	1	1		18.92		20.2	0.0
100	256QAM	1	1		18.88		20.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.88	18.96	18.81	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.93	18.85	18.91	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.88	18.93	18.95	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.87	19.00	18.85	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.00	18.88	18.93	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.91	19.00	18.94	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.94	18.90	18.91	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.00	18.97	19.00	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.91	18.91	18.81	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.81	18.91	18.86	20.2	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	18.66	18.76	18.65	20.2	0.0
100	PI/2 BPSK	1	137	18.40	18.47	18.47		
100	PI/2 BPSK	1	271	18.31	18.38	18.36		
100	PI/2 BPSK	135	0	18.66	18.67	18.57	20.2	0.0
100	PI/2 BPSK	135	69	18.45	18.50	18.47	20.2	0.0
100	PI/2 BPSK	135	138	18.28	18.38	18.35	20.2	0.0
100	PI/2 BPSK	270	0	18.51	18.55	18.43		
100	QPSK	1	1	18.75	18.81	18.78	20.2	0.0
100	QPSK	1	137	18.35	18.50	18.47		
100	QPSK	1	271	18.26	18.37	18.24		
100	QPSK	135	0	18.62	18.62	18.53	20.2	0.0
100	QPSK	135	69	18.62	18.70	18.61		
100	QPSK	135	138	18.40	18.50	18.39		
100	QPSK	270	0	18.47	18.61	18.48	20.2	0.0
100	16QAM	1	1	18.55	18.63	18.49	20.2	0.0
100	64QAM	1	1	18.73	18.78	18.63	20.2	0.0
100	256QAM	1	1	17.95	17.88	17.85	19.2	1.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.69	18.68	18.74	20.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.68	18.68	18.59	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.69	18.68	18.61	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.70	18.71	18.72	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.57	18.66	18.74	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.59	18.73	18.62	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.57	18.70	18.63	20.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.55	18.64	18.67	20.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.61	18.74	18.68	20.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.66	18.78	18.74	20.2	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	18.66	18.76	18.65	20.2	0.0
100	PI/2 BPSK	1	137	18.40	18.47	18.47		
100	PI/2 BPSK	1	271	18.31	18.38	18.36		
100	PI/2 BPSK	135	0	18.66	18.67	18.57	20.2	0.0
100	PI/2 BPSK	135	69	18.45	18.50	18.47	20.2	0.0
100	PI/2 BPSK	135	138	18.28	18.38	18.35	20.2	0.0
100	PI/2 BPSK	270	0	18.51	18.55	18.43		
100	QPSK	1	1	18.75	18.81	18.78	20.2	0.0
100	QPSK	1	137	18.35	18.50	18.47		
100	QPSK	1	271	18.26	18.37	18.24		
100	QPSK	135	0	18.62	18.62	18.53	20.2	0.0
100	QPSK	135	69	18.62	18.70	18.61		
100	QPSK	135	138	18.40	18.50	18.39		
100	QPSK	270	0	18.47	18.61	18.48	20.2	0.0
100	16QAM	1	1	18.55	18.63	18.49	20.2	0.0
100	64QAM	1	1	18.73	18.78	18.63	20.2	0.0
100	256QAM	1	1	17.95	17.88	17.85	19.2	1.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.69	18.68	18.74	20.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.68	18.68	18.59	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.69	18.68	18.61	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.70	18.71	18.72	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.57	18.66	18.74	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.59	18.73	18.62	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.57	18.70	18.63	20.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.55	18.64	18.67	20.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.61	18.74	18.68	20.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.66	18.78	18.74	20.2	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		19.40		20.2	0.0
100	PI/2 BPSK	1	137		19.35			
100	PI/2 BPSK	1	271		19.18			
100	PI/2 BPSK	135	0		19.35		20.2	0.0
100	PI/2 BPSK	135	69		19.32		20.2	0.0
100	PI/2 BPSK	135	138		19.20		20.2	0.0
100	PI/2 BPSK	270	0		19.25			
100	QPSK	1	1		19.42		20.2	0.0
100	QPSK	1	137		19.25			
100	QPSK	1	271		19.02			
100	QPSK	135	0		19.32		20.2	0.0
100	QPSK	135	69		19.36			
100	QPSK	135	138		19.18			
100	QPSK	270	0		19.28		20.2	0.0
100	16QAM	1	1		19.20		20.2	0.0
100	64QAM	1	1		19.32		20.2	0.0
100	256QAM	1	1		18.00		19.2	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.34	19.22	19.21	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.36	19.21	19.21	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.38	19.27	19.30	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.27	19.23	19.35	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.36	19.24	19.35	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.26	19.26	19.31	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.40	19.23	19.30	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.38	19.26	19.28	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.34	19.23	19.33	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.30	19.34	19.25	20.2	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		19.40		20.2	0.0
100	PI/2 BPSK	1	137		19.35			
100	PI/2 BPSK	1	271		19.18			
100	PI/2 BPSK	135	0		19.35		20.2	0.0
100	PI/2 BPSK	135	69		19.32		20.2	0.0
100	PI/2 BPSK	135	138		19.20		20.2	0.0
100	PI/2 BPSK	270	0		19.25			
100	QPSK	1	1		19.42		20.2	0.0
100	QPSK	1	137		19.25			
100	QPSK	1	271		19.02			
100	QPSK	135	0		19.32		20.2	0.0
100	QPSK	135	69		19.36			
100	QPSK	135	138		19.18			
100	QPSK	270	0		19.28		20.2	0.0
100	16QAM	1	1		19.20		20.2	0.0
100	64QAM	1	1		19.32		20.2	0.0
100	256QAM	1	1		18.00		19.2	1.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.34	19.22	19.21	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.36	19.21	19.21	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.38	19.27	19.30	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.27	19.23	19.35	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.36	19.24	19.35	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.26	19.26	19.31	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.40	19.23	19.30	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.38	19.26	19.28	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.34	19.23	19.33	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.30	19.34	19.25	20.2	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	QPSK	1	1	18.69	18.72	18.62		
100	QPSK	1	137	18.34	18.31	18.41	20.2	0.0
100	QPSK	1	271	18.18	18.36	18.19		
100	QPSK	137	0	18.54	18.60	18.41		
100	QPSK	137	68	18.62	18.69	18.58	20.2	0.0
100	QPSK	137	138	18.40	18.50	18.28		
100	QPSK	273	0	18.30	18.55	18.34	20.2	0.0
100	16QAM	1	1	18.50	18.49	18.45	20.2	0.0
100	64QAM	1	1	18.58	18.60	18.56	20.2	0.0
100	256QAM	1	1	18.60	18.65	18.57	20.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.66	18.61	18.52	20.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.56	18.64	18.59	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.65	18.53	18.57	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.69	18.56	18.71	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.66	18.53	18.68	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.62	18.63	18.53	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840.00	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.62	18.61	18.60	20.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.58	18.59	18.52	20.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.54	18.57	18.59	20.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.67	18.63	18.56	20.2	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	QPSK	1	1		19.36			
100	QPSK	1	137		19.07		20.2	0.0
100	QPSK	1	271		18.86			
100	QPSK	137	0		19.26			
100	QPSK	137	68		19.18		20.2	0.0
100	QPSK	137	138		19.07			
100	QPSK	273	0		19.20		20.2	0.0
100	16QAM	1	1		19.11		20.2	0.0
100	64QAM	1	1		19.18		20.2	0.0
100	256QAM	1	1		19.22		20.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.14	19.19	19.08	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.20	19.19	19.13	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.25	19.15	19.13	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.22	19.16	19.17	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.14	19.17	19.12	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.06	19.16	19.17	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.23	19.14	19.12	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.13	19.23	19.22	20.2	0.0
Channel				630500	633332	636165	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.11	19.25	19.13	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.08	19.22	19.19	20.2	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				636666	637000	637333		
Frequency (MHz)				3319.98	3349.98	3379.98		
100	PI/2 BPSK	1	0		17.41			
100	PI/2 BPSK	1	271		17.42		19.2	0.0
100	PI/2 BPSK	1	541		17.42			
100	PI/2 BPSK	136	0		17.41		19.2	0.0
100	PI/2 BPSK	136	68		17.39		19.2	0.0
100	PI/2 BPSK	136	136		17.41		19.2	0.0
100	PI/2 BPSK	272	0		17.40			
100	QPSK	1	0		17.42			
100	QPSK	1	271		17.42		19.2	0.0
100	QPSK	1	541		17.41			
100	QPSK	136	0		17.42		19.2	0.0
100	QPSK	136	68		17.41			
100	QPSK	136	136		17.42			
100	QPSK	272	0		17.40		19.2	0.0
100	16QAM	1	0		17.40		18.2	0.0
100	16QAM	1	271		17.39		18.2	0.0
100	16QAM	1	541		17.39		18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
75	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
30	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
20	QPSK	1	0	17.39	17.39	17.40	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
15	QPSK	1	0	17.41	17.41	17.41	19.2	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				636666	637000	637333		
Frequency (MHz)				3319.98	3349.98	3379.98		
100	PI/2 BPSK	1	0		17.41			
100	PI/2 BPSK	1	271		17.42		19.2	0.0
100	PI/2 BPSK	1	541		17.42			
100	PI/2 BPSK	136	0		17.41		19.2	0.0
100	PI/2 BPSK	136	68		17.39		19.2	0.0
100	PI/2 BPSK	136	136		17.41		19.2	0.0
100	PI/2 BPSK	272	0		17.40			
100	QPSK	1	0		17.42			
100	QPSK	1	271		17.42		19.2	0.0
100	QPSK	1	541		17.41			
100	QPSK	136	0		17.42		19.2	0.0
100	QPSK	136	68		17.41			
100	QPSK	136	136		17.42			
100	QPSK	272	0		17.40		19.2	0.0
100	16QAM	1	0		17.40		18.2	0.0
100	16QAM	1	271		17.39		18.2	0.0
100	16QAM	1	541		17.39		18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
75	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
30	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
20	QPSK	1	0	17.39	17.39	17.40	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
15	QPSK	1	0	17.41	17.41	17.41	19.2	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				636666	637000	637333		
Frequency (MHz)				3319.98	3349.98	3379.98		
100	PI/2 BPSK	1	0		17.41			
100	PI/2 BPSK	1	271		17.42		19.2	0.0
100	PI/2 BPSK	1	541		17.42			
100	PI/2 BPSK	136	0		17.41		19.2	0.0
100	PI/2 BPSK	136	68		17.39		19.2	0.0
100	PI/2 BPSK	136	136		17.41		19.2	0.0
100	PI/2 BPSK	272	0		17.40			
100	QPSK	1	0		17.42			
100	QPSK	1	271		17.42		19.2	0.0
100	QPSK	1	541		17.41			
100	QPSK	136	0		17.42		19.2	0.0
100	QPSK	136	68		17.41			
100	QPSK	136	136		17.42			
100	QPSK	272	0		17.40		19.2	0.0
100	16QAM	1	0		17.40		18.2	0.0
100	16QAM	1	271		17.39		18.2	0.0
100	16QAM	1	541		17.39		18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
75	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
30	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
20	QPSK	1	0	17.39	17.39	17.40	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
15	QPSK	1	0	17.41	17.41	17.41	19.2	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				636666	637000	637333		
Frequency (MHz)				3319.98	3349.98	3379.98		
100	PI/2 BPSK	1	0		17.41			
100	PI/2 BPSK	1	271		17.42		19.2	0.0
100	PI/2 BPSK	1	541		17.42			
100	PI/2 BPSK	136	0		17.41		19.2	0.0
100	PI/2 BPSK	136	68		17.39		19.2	0.0
100	PI/2 BPSK	136	136		17.41		19.2	0.0
100	PI/2 BPSK	272	0		17.40			
100	QPSK	1	0		17.42			
100	QPSK	1	271		17.42		19.2	0.0
100	QPSK	1	541		17.41			
100	QPSK	136	0		17.42		19.2	0.0
100	QPSK	136	68		17.41			
100	QPSK	136	136		17.42			
100	QPSK	272	0		17.40		19.2	0.0
100	16QAM	1	0		17.40		18.2	0.0
100	16QAM	1	271		17.39		18.2	0.0
100	16QAM	1	541		17.39		18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
75	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
30	QPSK	1	0	17.41	17.41	17.41	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
20	QPSK	1	0	17.39	17.39	17.40	19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
15	QPSK	1	0	17.41	17.41	17.41	19.2	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	QPSK	1	1		17.73		19.2	0.0
100	QPSK	1	137		17.46			
100	QPSK	1	271		17.42			
100	QPSK	137	0		17.42		19.2	0.0
100	QPSK	137	68		17.51			
100	QPSK	137	138		17.46			
100	QPSK	273	0		17.62		19.2	0.0
100	16QAM	1	1		17.51		19.2	0.0
100	64QAM	1	1		17.60		19.2	0.0
100	256QAM	1	1		17.38		19.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.69	17.63	17.60	19.2	0.0
Channel				649334	650000	650665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.65	17.65	17.68	19.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.72	17.71	17.65	19.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.61	17.71	17.66	19.2	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.64	17.71	17.53	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.70	17.69	17.60	19.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	17.55	17.63	17.63	19.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.56	17.66	17.56	19.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.66	17.67	17.51	19.2	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	QPSK	1	1		17.70		19.2	0.0
100	QPSK	1	137		17.51			
100	QPSK	1	271		17.56			
100	QPSK	137	0		17.64		19.2	0.0
100	QPSK	137	68		17.70			
100	QPSK	137	138		17.61			
100	QPSK	273	0		17.69		19.2	0.0
100	16QAM	1	1		17.34		19.2	0.0
100	64QAM	1	1		17.65		19.2	0.0
100	256QAM	1	1		17.56		19.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.60	17.55	17.51	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.41	17.64	17.48	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.59	17.54	17.59	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.55	17.57	17.58	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.49	17.54	17.59	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.47	17.69	17.54	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.42	17.68	17.61	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.40	17.63	17.46	19.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.43	17.59	17.47	19.2	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				636666	637000	637333		
Frequency (MHz)				3319.98	3349.98	3379.98		
100	PI/2 BPSK	1	0		17.41			
100	PI/2 BPSK	1	271		17.41		19.2	0.0
100	PI/2 BPSK	136	0		17.42			
100	PI/2 BPSK	136	68		17.44		19.2	0.0
100	PI/2 BPSK	271	0		17.42			
100	PI/2 BPSK	271	1		17.41		19.2	0.0
100	QPSK	1	0		18.41			
100	QPSK	1	271		18.41		19.2	0.0
100	QPSK	1	272		18.41			
100	QPSK	136	0		18.42			
100	QPSK	136	68		18.44		19.2	0.0
100	QPSK	272	0		18.42			
100	QPSK	272	1		18.41		19.2	0.0
100	64QAM	1	0		17.78			
100	64QAM	1	1		17.78		19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
80	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
30	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
20	QPSK	1	0	17.42	17.42	17.42	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
10	QPSK	1	0	17.42	17.42	17.42	18.2	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				636666	637000	637333		
Frequency (MHz)				3319.98	3349.98	3379.98		
100	PI/2 BPSK	1	0		17.41			
100	PI/2 BPSK	1	271		17.41		19.2	0.0
100	PI/2 BPSK	136	0		17.42			
100	PI/2 BPSK	136	68		17.44		19.2	0.0
100	PI/2 BPSK	271	0		17.42			
100	PI/2 BPSK	271	1		17.41		19.2	0.0
100	QPSK	1	0		18.41			
100	QPSK	1	271		18.41		19.2	0.0
100	QPSK	1	272		18.41			
100	QPSK	136	0		18.42			
100	QPSK	136	68		18.44		19.2	0.0
100	QPSK	272	0		18.42			
100	QPSK	272	1		18.41		19.2	0.0
100	64QAM	1	0		17.78			
100	64QAM	1	1		17.78		19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
80	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
30	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
20	QPSK	1	0	17.42	17.42	17.42	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
10	QPSK	1	0	17.42	17.42	17.42	18.2	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				636666	637000	637333		
Frequency (MHz)				3319.98	3349.98	3379.98		
100	PI/2 BPSK	1	0		17.41			
100	PI/2 BPSK	1	271		17.41		19.2	0.0
100	PI/2 BPSK	136	0		17.42			
100	PI/2 BPSK	136	68		17.44		19.2	0.0
100	PI/2 BPSK	271	0		17.42			
100	PI/2 BPSK	271	1		17.41		19.2	0.0
100	QPSK	1	0		18.41			
100	QPSK	1	271		18.41		19.2	0.0
100	QPSK	1	272		18.41			
100	QPSK	136	0		18.42			
100	QPSK	136	68		18.44		19.2	0.0
100	QPSK	272	0		18.42			
100	QPSK	272	1		18.41		19.2	0.0
100	64QAM	1	0		17.78			
100	64QAM	1	1		17.78		19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319	3349.98	3379.98	(dBm)	(dB)
80	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
30	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
20	QPSK	1	0	17.42	17.42	17.42	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
10	QPSK	1	0	17.42	17.42	17.42	18.2	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				636666	637000	637333		
Frequency (MHz)				3319.98	3349.98	3379.98		
100	PI/2 BPSK	1	0		17.41			
100	PI/2 BPSK	1	271		17.41		19.2	0.0
100	PI/2 BPSK	136	0		17.42			
100	PI/2 BPSK	136	68		17.44		19.2	0.0
100	PI/2 BPSK	271	0		17.42			
100	PI/2 BPSK	271	1		17.41		19.2	0.0
100	QPSK	1	0		18.41			
100	QPSK	1	271		18.41		19.2	0.0
100	QPSK	1	272		18.41			
100	QPSK	136	0		18.42			
100	QPSK	136	68		18.44		19.2	0.0
100	QPSK	272	0		18.42			
100	QPSK	272	1		18.41		19.2	0.0
100	64QAM	1	0		17.78			
100	64QAM	1	1		17.78		19.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319	3349.98	3379.98	(dBm)	(dB)
80	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
60	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
40	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
30	QPSK	1	0	17.41	17.41	17.41	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
20	QPSK	1	0	17.42	17.42	17.42	18.2	0.0
Channel				636666	637000	637333	Tune-up limit	MPR
Frequency (MHz)				3319.98	3349.98	3379.98	(dBm)	(dB)
10	QPSK	1	0	17.42	17.42	17.42	18.2	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	QPSK	1	1		17.71		19.2	0.0
100	QPSK	1	137		17.48			
100	QPSK	1	271		17.59			
100	QPSK	137	0		17.50		19.2	0.0
100	QPSK	137	68		17.64			
100	QPSK	137	138		17.53			
100	QPSK	273	0		17.53		19.2	0.0
100	16QAM	1	1		17.60		19.2	0.0
100	64QAM	1	1		17.45		19.2	0.0
100	256QAM	1	1		17.17		18.2	1.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.66	17.61	7.64	19.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.46	17.64	17.63	19.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.57	17.60	17.68	19.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.43	17.64	17.61	19.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.61	17.63	17.68	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.49	17.63	17.63	19.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	17.62	17.63	17.58	19.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.58	17.68	17.49	19.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	7.63	17.67	17.68	19.2	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	QPSK	1	1		17.77		19.2	0.0
100	QPSK	1	137		17.51			
100	QPSK	1	271		17.48			
100	QPSK	137	0		17.54		19.2	0.0
100	QPSK	137	68		17.75			
100	QPSK	137	138		17.49			
100	QPSK	273	0		17.57		19.2	0.0
100	16QAM	1	1		17.47		19.2	0.0
100	64QAM	1	1		17.57		19.2	0.0
100	256QAM	1	1		17.25		18.2	1.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.62	17.73	17.59	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.65	17.72	17.72	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.72	17.60	17.64	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.62	17.75	17.70	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.63	17.73	17.63	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.75	17.65	17.65	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.71	17.73	17.64	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.63	17.63	17.65	19.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	17.56	17.63	17.75	19.2	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		18.74		20.2	0.0
100	PI/2 BPSK	1	137		18.74			
100	PI/2 BPSK	1	271		18.75			
100	PI/2 BPSK	135	0		18.70		20.2	0.0
100	PI/2 BPSK	135	69		18.62		20.2	0.0
100	PI/2 BPSK	135	138		18.73		20.2	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.79		20.2	0.0
100	QPSK	1	137		18.70			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.72		20.2	0.0
100	QPSK	135	69		18.76			
100	QPSK	135	138		18.70			
100	QPSK	270	0		18.69		20.2	0.0
100	16QAM	1	1		18.72		20.2	0.0
100	64QAM	1	1		18.71		20.2	0.0
100	256QAM	1	1		18.68		20.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.72	18.72	18.67	20.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.72	18.70	18.57	20.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	18.65	18.62	18.63	20.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.64	18.69	18.63	20.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.66	18.68	18.71	20.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.65	18.62	18.71	20.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.67	18.67	18.57	20.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.65	18.66	18.68	20.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.62	18.66	18.63	20.2	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		18.74		20.2	0.0
100	PI/2 BPSK	1	137		18.74			
100	PI/2 BPSK	1	271		18.75			
100	PI/2 BPSK	135	0		18.70		20.2	0.0
100	PI/2 BPSK	135	69		18.62		20.2	0.0
100	PI/2 BPSK	135	138		18.73		20.2	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.79		20.2	0.0
100	QPSK	1	137		18.70			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.72		20.2	0.0
100	QPSK	135	69		18.76			
100	QPSK	135	138		18.70			
100	QPSK	270	0		18.69		20.2	0.0
100	16QAM	1	1		18.72		20.2	0.0
100	64QAM	1	1		18.71		20.2	0.0
100	256QAM	1	1		18.68		20.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.72	18.72	18.67	20.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.72	18.70	18.57	20.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	18.65	18.62	18.63	20.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.64	18.69	18.63	20.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.66	18.68	18.71	20.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.65	18.62	18.71	20.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.67	18.67	18.57	20.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.65	18.66	18.68	20.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.62	18.66	18.63	20.2	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		18.89		20.2	0.0
100	PI/2 BPSK	1	137		18.82			
100	PI/2 BPSK	1	271		18.88			
100	PI/2 BPSK	135	0		18.84		20.2	0.0
100	PI/2 BPSK	135	69		18.90		20.2	0.0
100	PI/2 BPSK	135	138		18.84		20.2	0.0
100	PI/2 BPSK	270	0		18.82			
100	QPSK	1	1		18.96		20.2	0.0
100	QPSK	1	137		18.91			
100	QPSK	1	271		18.88			
100	QPSK	135	0		18.86		20.2	0.0
100	QPSK	135	69		18.90			
100	QPSK	135	138		18.82			
100	QPSK	270	0		18.84		20.2	0.0
100	16QAM	1	1		18.91		20.2	0.0
100	64QAM	1	1		18.80		20.2	0.0
100	256QAM	1	1		18.76		20.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.89	18.78	18.90	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.76	18.76	18.79	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.87	18.80	18.82	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.79	18.75	18.80	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.75	18.84	18.79	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.82	18.74	18.91	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.80	18.73	18.82	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.84	18.80	18.80	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.84	18.81	18.80	20.2	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		18.89		20.2	0.0
100	PI/2 BPSK	1	137		18.82			
100	PI/2 BPSK	1	271		18.88			
100	PI/2 BPSK	135	0		18.84		20.2	0.0
100	PI/2 BPSK	135	69		18.90		20.2	0.0
100	PI/2 BPSK	135	138		18.84		20.2	0.0
100	PI/2 BPSK	270	0		18.82			
100	QPSK	1	1		18.96		20.2	0.0
100	QPSK	1	137		18.91			
100	QPSK	1	271		18.88			
100	QPSK	135	0		18.86		20.2	0.0
100	QPSK	135	69		18.90			
100	QPSK	135	138		18.82			
100	QPSK	270	0		18.84		20.2	0.0
100	16QAM	1	1		18.91		20.2	0.0
100	64QAM	1	1		18.80		20.2	0.0
100	256QAM	1	1		18.76		20.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.89	18.78	18.90	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.76	18.76	18.79	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.87	18.80	18.82	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.79	18.75	18.80	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.75	18.84	18.79	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.82	18.74	18.91	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.80	18.73	18.82	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.84	18.80	18.80	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.84	18.81	18.80	20.2	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	QPSK	1	1		18.77		20.2	0.0
100	QPSK	1	137		18.56			
100	QPSK	1	271		18.57			
100	QPSK	137	0		18.66		20.2	0.0
100	QPSK	137	68		18.73			
100	QPSK	137	138		18.66			
100	QPSK	273	0		18.50		20.2	0.0
100	16QAM	1	1		18.59		20.2	0.0
100	64QAM	1	1		18.60		20.2	0.0
100	256QAM	1	1		18.58		20.2	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.64	18.68	18.69	20.2	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.60	18.56	18.70	20.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	18.68	18.67	18.75	20.2	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.76	18.71	18.69	20.2	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.68	18.66	18.73	20.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.61	18.69	18.71	20.2	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750.00	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.76	18.57	18.74	20.2	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.77	18.72	18.77	20.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.61	18.64	18.64	20.2	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	QPSK	1	1		18.91		20.2	0.0
100	QPSK	1	137		18.85			
100	QPSK	1	271		18.82			
100	QPSK	137	0		18.68		20.2	0.0
100	QPSK	137	68		18.90			
100	QPSK	137	138		18.78			
100	QPSK	273	0		18.74		20.2	0.0
100	16QAM	1	1		18.83		20.2	0.0
100	64QAM	1	1		18.77		20.2	0.0
100	256QAM	1	1		18.65		20.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.84	18.71	18.79	20.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.87	18.70	18.80	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.80	18.83	18.74	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.85	18.74	18.73	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.77	18.81	18.78	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.75	18.88	18.88	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.90	18.77	18.83	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.89	18.76	18.79	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.75	18.84	18.76	20.2	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.68		20.2	0.0
100	PI/2 BPSK	1	137		18.67			
100	PI/2 BPSK	1	271		18.66			
100	PI/2 BPSK	135	0		18.59		20.2	0.0
100	PI/2 BPSK	135	69		18.54		20.2	0.0
100	PI/2 BPSK	135	138		18.63		20.2	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.70		20.2	0.0
100	QPSK	1	137		18.65			
100	QPSK	1	271		18.53			
100	QPSK	135	0		18.65		20.2	0.0
100	QPSK	135	69		18.63			
100	QPSK	135	138		18.56			
100	QPSK	270	0		18.58		20.2	0.0
100	16QAM	1	1		18.67		20.2	0.0
100	64QAM	1	1		18.66		20.2	0.0
100	256QAM	1	1		18.56		20.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.58	18.52	18.62	20.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.58	18.57	18.52	20.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.63	18.52	18.65	20.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.59	18.58	18.54	20.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.50	18.49	18.60	20.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.53	18.60	18.53	20.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	18.58	18.55	18.56	20.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.57	18.48	18.63	20.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.63	18.57	18.55	20.2	0.0

Par27O n78 HPUE_FCC_ANT 13

BW [MHz]	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.68		20.2	0.0
100	PI/2 BPSK	1	137		18.67			
100	PI/2 BPSK	1	271		18.66			
100	PI/2 BPSK	135	0		18.59		20.2	0.0
100	PI/2 BPSK	135	69		18.54		20.2	0.0
100	PI/2 BPSK	135	138		18.63		20.2	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.70		20.2	0.0
100	QPSK	1	137		18.65			
100	QPSK	1	271		18.53			
100	QPSK	135	0		18.65		20.2	0.0
100	QPSK	135	69		18.63			
100	QPSK	135	138		18.56			
100	QPSK	270	0		18.58		20.2	0.0
100	16QAM	1	1		18.67		20.2	0.0
100	64QAM	1	1		18.66		20.2	0.0
100	256QAM	1	1		18.56		20.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.58	18.52	18.62	20.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.58	18.57	18.52	20.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.63	18.52	18.65	20.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.59	18.58	18.54	20.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.50	18.49	18.60	20.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.53	18.60	18.53	20.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	18.58	18.55	18.56	20.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.57	18.48	18.63	20.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.63	18.57	18.55	20.2	0.0

Par27Q n78_FCC_ANT 13

BW [MHz]	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		20.2	0.0
100	PI/2 BPSK	1	137		19.04			
100	PI/2 BPSK	1	271		19.17			
100	PI/2 BPSK	135	0		19.08		20.2	0.0
100	PI/2 BPSK	135	69		19.09		20.2	0.0
100	PI/2 BPSK	135	138		19.17		20.2	0.0
100	PI/2 BPSK	270	0		19.11			
100	QPSK	1	1		19.31		20.2	0.0
100	QPSK	1	137		19.08			
100	QPSK	1	271		19.18			
100	QPSK	135	0		19.14		20.2	0.0
100	QPSK	135	69		19.22			
100	QPSK	135	138		19.18			
100	QPSK	270	0		19.15		20.2	0.0
100	16QAM	1	1		19.00		20.2	0.0
100	64QAM	1	1		19.22		20.2	0.0
100	256QAM	1	1		18.99		20.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.11	19.07	19.08	20.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.24	19.07	19.21	20.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.13	19.07	19.13	20.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.17	19.19	19.19	20.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.17	19.21	19.21	20.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.22	19.13	19.09	20.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.19	19.22	19.16	20.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.16	19.22	19.20	20.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.18	19.13	19.19	20.2	0.0

Par27Q n78 HPUE_FCC_ANT 13

BW [MHz]	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		20.2	0.0
100	PI/2 BPSK	1	137		19.04			
100	PI/2 BPSK	1	271		19.17			
100	PI/2 BPSK	135	0		19.08		20.2	0.0
100	PI/2 BPSK	135	69		19.09		20.2	0.0
100	PI/2 BPSK	135	138		19.17		20.2	0.0
100	PI/2 BPSK	270	0		19.11			
100	QPSK	1	1		19.31		20.2	0.0
100	QPSK	1	137		19.08			
100	QPSK	1	271		19.18			
100	QPSK	135	0		19.14		20.2	0.0
100	QPSK	135	69		19.22			
100	QPSK	135	138		19.18			
100	QPSK	270	0		19.15		20.2	0.0
100	16QAM	1	1		19.00		20.2	0.0
100	64QAM	1	1		19.22		20.2	0.0
100	256QAM	1	1		18.99		20.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.11	19.07	19.08	20.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.24	19.07	19.21	20.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.13	19.07	19.13	20.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.17	19.19	19.19	20.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.17	19.21	19.21	20.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.22	19.13	19.09	20.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.19	19.22	19.16	20.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.16	19.22	19.20	20.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.18	19.13	19.19	20.2	0.0

Par27O n78_FCC_ANT 13

BW [MHz]	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	QPSK	1	1		18.70		20.2	0.0
100	QPSK	1	137		18.46			
100	QPSK	1	271		18.48			
100	QPSK	137	0		18.61		20.2	0.0
100	QPSK	137	68		18.66			
100	QPSK	137	138		18.51			
100	QPSK	273	0		18.42		20.2	0.0
100	16QAM	1	1		18.63		20.2	0.0
100	64QAM	1	1		18.66		20.2	0.0
100	256QAM	1	1		18.43		20.2	0.0
Channel				649668	650332	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.51	18.65	18.59	20.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.59	18.59	18.60	20.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.51	18.62	18.65	20.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.65	18.55	18.68	20.2	0.0
Channel				648334	650000	651665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.64	18.66	18.64	20.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.53	18.59	18.59	20.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750.00	3784.98		
30	QPSK	1	1	18.58	18.56	18.69	20.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.62	18.66	18.52	20.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.48	18.61	18.53	20.2	0.0

Par27Q n78_FCC_ANT 13

BW [MHz]	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	QPSK	1	1		19.21		20.2	0.0
100	QPSK	1	137		19.04			
100	QPSK	1	271		19.10			
100	QPSK	137	0		18.95		20.2	0.0
100	QPSK	137	68		19.15			
100	QPSK	137	138		19.10			
100	QPSK	273	0		19.02		20.2	0.0
100	16QAM	1	1		18.82		20.2	0.0
100	64QAM	1	1		19.15		20.2	0.0
100	256QAM	1	1		18.95		20.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.19	19.09	19.17	20.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.03	19.16	19.12	20.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.01	19.03	19.04	20.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.15	19.02	19.00	20.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.15	19.18	19.00	20.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.17	19.13	19.03	20.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.00	19.18	19.13	20.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.04	19.09	19.03	20.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	19.15	19.06	19.01	20.2	0.0

CA_7C_Ant 4											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Default	22.03	22.70
21100	21298	QPSK	1	0	0	0	1	0	Default	22.14	22.70
21350	21152	QPSK	1	0	0	0	1	0	Default	22.27	22.70
20850	21048	QPSK	1	0	0	0	1	0	DSI4	22.03	22.70
21100	21298	QPSK	1	0	0	0	1	0	DSI4	22.14	22.70
21350	21152	QPSK	1	0	0	0	1	0	DSI4	22.27	22.70
20850	21048	QPSK	1	0	0	0	1	0	DSI5	20.45	21.20
21100	21298	QPSK	1	0	0	0	1	0	DSI5	20.52	21.20
21350	21152	QPSK	1	0	0	0	1	0	DSI5	20.55	21.20
20850	21048	QPSK	1	0	0	0	1	0	DSI10/15	19.45	20.20
21100	21298	QPSK	1	0	0	0	1	0	DSI10/15	19.50	20.20
21350	21152	QPSK	1	0	0	0	1	0	DSI10/15	19.52	20.20
20850	21048	QPSK	1	0	0	0	1	0	DSI1	20.45	21.20
21100	21298	QPSK	1	0	0	0	1	0	DSI1	20.52	21.20
21350	21152	QPSK	1	0	0	0	1	0	DSI1	20.55	21.20
20850	21048	QPSK	1	0	0	0	1	0	DSI6/11	17.88	18.70
21100	21298	QPSK	1	0	0	0	1	0	DSI6/11	17.80	18.70
21350	21152	QPSK	1	0	0	0	1	0	DSI6/11	17.90	18.70
20850	21048	QPSK	1	0	0	0	1	0	DSI17	18.65	19.70
21100	21298	QPSK	1	0	0	0	1	0	DSI17	18.60	19.70
21350	21152	QPSK	1	0	0	0	1	0	DSI17	18.66	19.70
20850	21048	QPSK	1	0	0	0	1	0	DSI9/14	22.03	22.70
21100	21298	QPSK	1	0	0	0	1	0	DSI9/14	22.14	22.70
21350	21152	QPSK	1	0	0	0	1	0	DSI9/14	22.27	22.70

CA_38C_Ant 4											
Combination 20MHz+20MHz (100RB+100RB)											
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Default	22.62	23.40
37901	38099	QPSK	1	0	0	0	1	0	Default	22.65	23.40
38150	37952	QPSK	1	0	0	0	1	0	Default	22.66	23.40
37850	38048	QPSK	1	0	0	0	1	0	DSI4	22.62	23.40
37901	38099	QPSK	1	0	0	0	1	0	DSI4	22.65	23.40
38150	37952	QPSK	1	0	0	0	1	0	DSI4	22.66	23.40
37850	38048	QPSK	1	0	0	0	1	0	DSI5	22.62	23.40
37901	38099	QPSK	1	0	0	0	1	0	DSI5	22.65	23.40
38150	37952	QPSK	1	0	0	0	1	0	DSI5	22.66	23.40
37850	38048	QPSK	1	0	0	0	1	0	DSI10/15	21.01	22.30
37901	38099	QPSK	1	0	0	0	1	0	DSI10/15	21.05	22.30
38150	37952	QPSK	1	0	0	0	1	0	DSI10/15	21.08	22.30
37850	38048	QPSK	1	0	0	0	1	0	DSI1	22.62	23.40
37901	38099	QPSK	1	0	0	0	1	0	DSI1	22.65	23.40
38150	37952	QPSK	1	0	0	0	1	0	DSI1	22.66	23.40
37850	38048	QPSK	1	0	0	0	1	0	DSI6/11	19.88	20.80
37901	38099	QPSK	1	0	0	0	1	0	DSI6/11	19.95	20.80
38150	37952	QPSK	1	0	0	0	1	0	DSI6/11	20.00	20.80
37850	38048	QPSK	1	0	0	0	1	0	DSI17	20.39	21.80
37901	38099	QPSK	1	0	0	0	1	0	DSI17	20.42	21.80
38150	37952	QPSK	1	0	0	0	1	0	DSI17	20.55	21.80
37850	38048	QPSK	1	0	0	0	1	0	DSI9/14	22.62	23.40
37901	38099	QPSK	1	0	0	0	1	0	DSI9/14	22.65	23.40
38150	37952	QPSK	1	0	0	0	1	0	DSI9/14	22.66	23.40

CA_41C_Ant 4_PC3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Default	22.59	23.40
40185	40383	QPSK	1	0	0	0	1	0	Default	22.78	23.40
40620	40818	QPSK	1	0	0	0	1	0	Default	22.65	23.40
41055	41253	QPSK	1	0	0	0	1	0	Default	22.62	23.40
41490	41292	QPSK	1	0	0	0	1	0	Default	22.59	23.40
39750	39948	QPSK	1	0	0	0	1	0	DSI4/9/14	22.59	23.40
40185	40383	QPSK	1	0	0	0	1	0	DSI4/9/14	22.78	23.40
40620	40818	QPSK	1	0	0	0	1	0	DSI4/9/14	22.65	23.40
41055	41253	QPSK	1	0	0	0	1	0	DSI4/9/14	22.62	23.40
41490	41292	QPSK	1	0	0	0	1	0	DSI4/9/14	22.59	23.40
39750	39948	QPSK	1	0	0	0	1	0	DSI5	22.59	23.40
40185	40383	QPSK	1	0	0	0	1	0	DSI5	22.78	23.40
40620	40818	QPSK	1	0	0	0	1	0	DSI5	22.65	23.40
41055	41253	QPSK	1	0	0	0	1	0	DSI5	22.62	23.40
41490	41292	QPSK	1	0	0	0	1	0	DSI5	22.59	23.40
39750	39948	QPSK	1	0	0	0	1	0	DSI10/15	21.12	22.30
40185	40383	QPSK	1	0	0	0	1	0	DSI10/15	21.23	22.30
40620	40818	QPSK	1	0	0	0	1	0	DSI10/15	21.16	22.30
41055	41253	QPSK	1	0	0	0	1	0	DSI10/15	21.20	22.30
41490	41292	QPSK	1	0	0	0	1	0	DSI10/15	21.10	22.30
39750	39948	QPSK	1	0	0	0	1	0	DSI1	22.59	23.40
40185	40383	QPSK	1	0	0	0	1	0	DSI1	22.78	23.40
40620	40818	QPSK	1	0	0	0	1	0	DSI1	22.65	23.40
41055	41253	QPSK	1	0	0	0	1	0	DSI1	22.62	23.40
41490	41292	QPSK	1	0	0	0	1	0	DSI1	22.59	23.40
39750	39948	QPSK	1	0	0	0	1	0	DSI6/11	20.00	20.80
40185	40383	QPSK	1	0	0	0	1	0	DSI6/11	20.05	20.80
40620	40818	QPSK	1	0	0	0	1	0	DSI6/11	19.93	20.80
41055	41253	QPSK	1	0	0	0	1	0	DSI6/11	20.02	20.80
41490	41292	QPSK	1	0	0	0	1	0	DSI6/11	19.97	20.80
39750	39948	QPSK	1	0	0	0	1	0	DSI17	20.42	21.80
40185	40383	QPSK	1	0	0	0	1	0	DSI17	20.49	21.80
40620	40818	QPSK	1	0	0	0	1	0	DSI17	20.38	21.80
41055	41253	QPSK	1	0	0	0	1	0	DSI17	20.33	21.80
41490	41292	QPSK	1	0	0	0	1	0	DSI17	20.35	21.80

CA_41C_Ant 4_PC2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Default	23.88	24.40
40185	40383	QPSK	1	0	0	0	1	0	Default	24.02	24.40
40620	40818	QPSK	1	0	0	0	1	0	Default	23.90	24.40
41055	41253	QPSK	1	0	0	0	1	0	Default	23.85	24.40
41490	41292	QPSK	1	0	0	0	1	0	Default	23.79	24.40
39750	39948	QPSK	1	0	0	0	1	0	DSI4/9/14	23.88	24.40
40185	40383	QPSK	1	0	0	0	1	0	DSI4/9/14	24.02	24.40
40620	40818	QPSK	1	0	0	0	1	0	DSI4/9/14	23.90	24.40
41055	41253	QPSK	1	0	0	0	1	0	DSI4/9/14	23.85	24.40
41490	41292	QPSK	1	0	0	0	1	0	DSI4/9/14	23.79	24.40
39750	39948	QPSK	1	0	0	0	1	0	DSI5	23.88	24.40
40185	40383	QPSK	1	0	0	0	1	0	DSI5	24.02	24.40
40620	40818	QPSK	1	0	0	0	1	0	DSI5	23.90	24.40
41055	41253	QPSK	1	0	0	0	1	0	DSI5	23.85	24.40
41490	41292	QPSK	1	0	0	0	1	0	DSI5	23.79	24.40
39750	39948	QPSK	1	0	0	0	1	0	DSI10/15	22.92	23.90
40185	40383	QPSK	1	0	0	0	1	0	DSI10/15	23.02	23.90
40620	40818	QPSK	1	0	0	0	1	0	DSI10/15	22.97	23.90
41055	41253	QPSK	1	0	0	0	1	0	DSI10/15	23.01	23.90
41490	41292	QPSK	1	0	0	0	1	0	DSI10/15	22.96	23.90
39750	39948	QPSK	1	0	0	0	1	0	DSI1	23.88	24.40
40185	40383	QPSK	1	0	0	0	1	0	DSI1	24.02	24.40
40620	40818	QPSK	1	0	0	0	1	0	DSI1	23.90	24.40
41055	41253	QPSK	1	0	0	0	1	0	DSI1	23.85	24.40
41490	41292	QPSK	1	0	0	0	1	0	DSI1	23.99	24.40
39750	39948	QPSK	1	0	0	0	1	0	DSI6/11	21.35	22.40
40185	40383	QPSK	1	0	0	0	1	0	DSI6/11	21.40	22.40
40620	40818	QPSK	1	0	0	0	1	0	DSI6/11	21.32	22.40
41055	41253	QPSK	1	0	0	0	1	0	DSI6/11	21.25	22.40
41490	41292	QPSK	1	0	0	0	1	0	DSI6/11	21.29	22.40
39750	39948	QPSK	1	0	0	0	1	0	DSI17	22.50	23.40
40185	40383	QPSK	1	0	0	0	1	0	DSI17	22.52	23.40
40620	40818	QPSK	1	0	0	0	1	0	DSI17	22.44	23.40
41055	41253	QPSK	1	0	0	0	1	0	DSI17	22.39	23.40
41490	41292	QPSK	1	0	0	0	1	0	DSI17	22.40	23.40

CA 48C Ant 13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
55340	55538	QPSK	1	99	0	0	1	0	Default	19.31	20.80
55830	56028	QPSK	1	49	0	0	1	0	Default	22.90	24.80
56150	56348	QPSK	1	99	0	0	1	0	Default	19.00	20.80
56640	56442	QPSK	1	49	0	0	1	0	Default	19.56	20.80
55340	55538	QPSK	1	99	0	0	1	0	DSI 4	19.31	20.80
55830	56028	QPSK	1	49	0	0	1	0	DSI 4	22.90	24.80
56150	56348	QPSK	1	99	0	0	1	0	DSI 4	19.00	20.80
56640	56442	QPSK	1	49	0	0	1	0	DSI 4	19.56	20.80
55340	55538	QPSK	1	99	0	0	1	0	DSI 5	19.32	20.80
55830	56028	QPSK	1	49	0	0	1	0	DSI 5	21.33	22.30
56150	56348	QPSK	1	99	0	0	1	0	DSI 5	19.00	20.80
56640	56442	QPSK	1	49	0	0	1	0	DSI 5	18.90	20.80
55340	55538	QPSK	1	99	0	0	1	0	DSI10/15	18.15	19.30
55830	56028	QPSK	1	49	0	0	1	0	DSI10/15	18.31	19.30
56150	56348	QPSK	1	99	0	0	1	0	DSI10/15	18.25	19.30
56640	56442	QPSK	1	49	0	0	1	0	DSI10/15	18.30	19.30
55340	55538	QPSK	1	99	0	0	1	0	DSI 17	19.40	20.80
55830	56028	QPSK	1	49	0	0	1	0	DSI 17	21.59	22.80
56150	56348	QPSK	1	99	0	0	1	0	DSI 17	19.00	20.80
56640	56442	QPSK	1	49	0	0	1	0	DSI 17	19.00	20.80
55340	55538	QPSK	1	99	0	0	1	0	DSI 1	19.31	20.80
55830	56028	QPSK	1	49	0	0	1	0	DSI 1	22.90	24.80
56150	56348	QPSK	1	99	0	0	1	0	DSI 1	19.00	20.80
56640	56442	QPSK	1	49	0	0	1	0	DSI 1	19.56	20.80
55340	55538	QPSK	1	99	0	0	1	0	DSI 9/14	19.40	20.80
55830	56028	QPSK	1	49	0	0	1	0	DSI 9/14	22.90	24.80
56150	56348	QPSK	1	99	0	0	1	0	DSI 9/14	19.00	20.80
56640	56442	QPSK	1	49	0	0	1	0	DSI 9/14	19.00	20.80
55340	55538	QPSK	1	99	0	0	1	0	DSI 6/11	19.38	20.80
55830	56028	QPSK	1	49	0	0	1	0	DSI 6/11	22.90	24.80
56150	56348	QPSK	1	99	0	0	1	0	DSI 6/11	19.00	20.80
56640	56442	QPSK	1	49	0	0	1	0	DSI 6/11	19.00	20.80

CA 48C Ant 6											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
55340	55538	QPSK	1	99	0	0	1	0	Default	19.73	20.80
55830	56028	QPSK	1	49	0	0	1	0	Default	23.33	24.80
56150	56348	QPSK	1	99	0	0	1	0	Default	19.60	20.80
56640	56442	QPSK	1	49	0	0	1	0	Default	19.95	20.80
55340	55538	QPSK	1	99	0	0	1	0	DSI 5	16.00	16.80
55830	56028	QPSK	1	49	0	0	1	0	DSI 5	16.10	16.80
56150	56348	QPSK	1	99	0	0	1	0	DSI 5	16.05	16.80
56640	56442	QPSK	1	49	0	0	1	0	DSI 5	16.02	16.80
55340	55538	QPSK	1	99	0	0	1	0	DSI10/15	14.27	15.30
55830	56028	QPSK	1	49	0	0	1	0	DSI10/15	14.43	15.30
56150	56348	QPSK	1	99	0	0	1	0	DSI10/15	14.15	15.30
56640	56442	QPSK	1	49	0	0	1	0	DSI10/15	14.40	15.30
55340	55538	QPSK	1	99	0	0	1	0	DSI 17	18.52	20.30
55830	56028	QPSK	1	49	0	0	1	0	DSI 17	18.72	20.30
56150	56348	QPSK	1	99	0	0	1	0	DSI 17	18.35	20.30
56640	56442	QPSK	1	49	0	0	1	0	DSI 17	18.70	20.30
55340	55538	QPSK	1	99	0	0	1	0	DSI 1	18.52	20.30
55830	56028	QPSK	1	49	0	0	1	0	DSI 1	18.72	20.30
56150	56348	QPSK	1	99	0	0	1	0	DSI 1	18.35	20.30
56640	56442	QPSK	1	49	0	0	1	0	DSI 1	18.70	20.30
55340	55538	QPSK	1	99	0	0	1	0	DSI 9/14	19.73	20.80
55830	56028	QPSK	1	49	0	0	1	0	DSI 9/14	23.33	24.80
56150	56348	QPSK	1	99	0	0	1	0	DSI 9/14	19.60	20.80
56640	56442	QPSK	1	49	0	0	1	0	DSI 9/14	19.95	20.80
55340	55538	QPSK	1	99	0	0	1	0	DSI 6/11	16.66	17.80
55830	56028	QPSK	1	49	0	0	1	0	DSI 6/11	16.70	17.80
56150	56348	QPSK	1	99	0	0	1	0	DSI 6/11	16.58	17.80
56640	56442	QPSK	1	49	0	0	1	0	DSI 6/11	16.62	17.80

CA_7C_Ant 5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
Channel	Channel		RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Default	23.16	24.10
21100	21298	QPSK	1	0	0	0	1	0	Default	23.06	24.10
21350	21152	QPSK	1	0	0	0	1	0	Default	23.25	24.10
20850	21048	QPSK	1	0	0	0	1	0	DSI4	23.16	24.10
21100	21298	QPSK	1	0	0	0	1	0	DSI4	23.06	24.10
21350	21152	QPSK	1	0	0	0	1	0	DSI4	23.25	24.10
20850	21048	QPSK	1	0	0	0	1	0	DSI5/10/15	23.16	24.10
21100	21298	QPSK	1	0	0	0	1	0	DSI5/10/15	23.06	24.10
21350	21152	QPSK	1	0	0	0	1	0	DSI5/10/15	23.25	24.10
20850	21048	QPSK	1	0	0	0	1	0	DSI17	19.32	20.80
21100	21298	QPSK	1	0	0	0	1	0	DSI17	19.22	20.80
21350	21152	QPSK	1	0	0	0	1	0	DSI17	19.42	20.80
20850	21048	QPSK	1	0	0	0	1	0	DSI9/14	18.00	19.30
21100	21298	QPSK	1	0	0	0	1	0	DSI9/14	17.97	19.30
21350	21152	QPSK	1	0	0	0	1	0	DSI9/14	18.13	19.30

CA_38C_Ant 5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC	SCC	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power	Tune up Power (dBm)
Channel	Channel		RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Default	23.75	24.80
37901	38099	QPSK	1	0	0	0	1	0	Default	23.76	24.80
38150	37952	QPSK	1	0	0	0	1	0	Default	23.80	24.80
37850	38048	QPSK	1	0	0	0	1	0	DSI4	23.75	24.80
37901	38099	QPSK	1	0	0	0	1	0	DSI4	23.76	24.80
38150	37952	QPSK	1	0	0	0	1	0	DSI4	23.80	24.80
37850	38048	QPSK	1	0	0	0	1	0	DSI5/10/15	23.75	24.80
37901	38099	QPSK	1	0	0	0	1	0	DSI5/10/15	23.76	24.80
38150	37952	QPSK	1	0	0	0	1	0	DSI5/10/15	23.80	24.80
37850	38048	QPSK	1	0	0	0	1	0	DSI17	21.03	22.30
37901	38099	QPSK	1	0	0	0	1	0	DSI17	21.09	22.30
38150	37952	QPSK	1	0	0	0	1	0	DSI17	21.14	22.30
37850	38048	QPSK	1	0	0	0	1	0	DSI9/14	19.00	20.30
37901	38099	QPSK	1	0	0	0	1	0	DSI9/14	19.08	20.30
38150	37952	QPSK	1	0	0	0	1	0	DSI9/14	19.14	20.30

CA_41C_Ant 5_PC3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Default	23.56	24.80
40185	40383	QPSK	1	0	0	0	1	0	Default	23.70	24.80
40620	40818	QPSK	1	0	0	0	1	0	Default	23.91	24.80
41055	41253	QPSK	1	0	0	0	1	0	Default	23.81	24.80
41490	41292	QPSK	1	0	0	0	1	0	Default	23.97	24.80
39750	39948	QPSK	1	0	0	0	1	0	DSI4	23.56	24.80
40185	40383	QPSK	1	0	0	0	1	0	DSI4	23.70	24.80
40620	40818	QPSK	1	0	0	0	1	0	DSI4	23.91	24.80
41055	41253	QPSK	1	0	0	0	1	0	DSI4	23.81	24.80
41490	41292	QPSK	1	0	0	0	1	0	DSI4	23.97	24.80
39750	39948	QPSK	1	0	0	0	1	0	DSI5/10/15	23.56	24.80
40185	40383	QPSK	1	0	0	0	1	0	DSI5/10/15	23.70	24.80
40620	40818	QPSK	1	0	0	0	1	0	DSI5/10/15	23.91	24.80
41055	41253	QPSK	1	0	0	0	1	0	DSI5/10/15	23.81	24.80
41490	41292	QPSK	1	0	0	0	1	0	DSI5/10/15	23.97	24.80
39750	39948	QPSK	1	0	0	0	1	0	DSI17	20.69	22.30
40185	40383	QPSK	1	0	0	0	1	0	DSI17	20.78	22.30
40620	40818	QPSK	1	0	0	0	1	0	DSI17	21.06	22.30
41055	41253	QPSK	1	0	0	0	1	0	DSI17	21.00	22.30
41490	41292	QPSK	1	0	0	0	1	0	DSI17	21.20	22.30
39750	39948	QPSK	1	0	0	0	1	0	DSI9/14	19.20	20.30
40185	40383	QPSK	1	0	0	0	1	0	DSI9/14	19.32	20.30
40620	40818	QPSK	1	0	0	0	1	0	DSI9/14	19.50	20.30
41055	41253	QPSK	1	0	0	0	1	0	DSI9/14	19.37	20.30
41490	41292	QPSK	1	0	0	0	1	0	DSI9/14	19.51	20.30

CA_41C_Ant 5_PC2											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Default	25.15	25.80
40185	40383	QPSK	1	0	0	0	1	0	Default	25.29	25.80
40620	40818	QPSK	1	0	0	0	1	0	Default	25.22	25.80
41055	41253	QPSK	1	0	0	0	1	0	Default	25.19	25.80
41490	41292	QPSK	1	0	0	0	1	0	Default	25.32	25.80
39750	39948	QPSK	1	0	0	0	1	0	DSI4	25.15	25.80
40185	40383	QPSK	1	0	0	0	1	0	DSI4	25.29	25.80
40620	40818	QPSK	1	0	0	0	1	0	DSI4	25.22	25.80
41055	41253	QPSK	1	0	0	0	1	0	DSI4	25.19	25.80
41490	41292	QPSK	1	0	0	0	1	0	DSI4	25.32	25.80
39750	39948	QPSK	1	0	0	0	1	0	DSI5/10/15	25.15	25.80
40185	40383	QPSK	1	0	0	0	1	0	DSI5/10/15	25.29	25.80
40620	40818	QPSK	1	0	0	0	1	0	DSI5/10/15	25.22	25.80
41055	41253	QPSK	1	0	0	0	1	0	DSI5/10/15	25.19	25.80
41490	41292	QPSK	1	0	0	0	1	0	DSI5/10/15	25.32	25.80
39750	39948	QPSK	1	0	0	0	1	0	DSI17	22.26	23.90
40185	40383	QPSK	1	0	0	0	1	0	DSI17	22.41	23.90
40620	40818	QPSK	1	0	0	0	1	0	DSI17	22.59	23.90
41055	41253	QPSK	1	0	0	0	1	0	DSI17	22.46	23.90
41490	41292	QPSK	1	0	0	0	1	0	DSI17	22.67	23.90
39750	39948	QPSK	1	0	0	0	1	0	DSI9/14	20.95	21.90
40185	40383	QPSK	1	0	0	0	1	0	DSI9/14	20.85	21.90
40620	40818	QPSK	1	0	0	0	1	0	DSI9/14	20.88	21.90
41055	41253	QPSK	1	0	0	0	1	0	DSI9/14	20.90	21.90
41490	41292	QPSK	1	0	0	0	1	0	DSI9/14	20.98	21.90

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)
Inter-Band		CA_4A-48A	4	20	1732.5	20175	QPSK	1	0	48	20	3690	56640	23.54	23.87
		CA_5A-41A	5	10	829	20450	QPSK	1	0	41	20	2593	40620	23.76	24.00
		CA_5A-38A	5	10	829	20450	QPSK	1	0	38	5	2614.8	38198	23.73	24.00
		CA_5A-46A	5	10	829	20450	QPSK	1	0	46	20	5540	50690	23.71	24.00
		CA_5A-5A	5	10	829	20450	QPSK	1	0	5	10	881.5	2525	23.59	24.00
		CA_7A-46A	7	20	2535	21100	QPSK	1	0	46	20	5540	50690	23.37	23.58
		CA_7A-25A	7	20	2535	21100	QPSK	1	0	25	5	1992.5	8665	23.43	23.58
		CA_25A-25A	25	20	1880	26340	QPSK	1	0	25	5	1992.5	8665	23.86	23.92
		CA_25A-26A	25	20	1880	26340	QPSK	1	0	26	5	876.5	8865	23.73	23.92
		CA_25A-41A	25	20	1880	26340	QPSK	1	0	41	20	2593	40620	23.84	23.92
		CA_25A-46A	25	20	1880	26340	QPSK	1	0	46	20	5540	50690	23.89	23.92
		CA_25A-66A	25	20	1880	26340	QPSK	1	0	66	20	2155	66886	23.81	23.92
		CA_26A-41A	26	15M	26865	831.5	QPSK	1	37	41	20	2593	40620	23.91	24.03
		CA_7B	7	15M	21100	2535	QPSK	1	49	7	5	2544.30	3193	23.43	23.58
Intra-Band	Contiguous	CA_38C	38	20	2580	37850	QPSK	1	0	38	20	2599.8	38048	24.12	24.20

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)
Inter-Band		CA_2A-4A-7A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	7	5	2687.5	3425	23.76	23.90
		CA_2A-4A-13A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	13	10	751	5230	23.81	23.90
		CA_2A-13A-46A	2	20	1880	18900	QPSK	1	0	13	10	751	5230	46	20	5540	50690	23.79	23.90
		CA_2A-5A-46A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	46	20	5540	50690	23.86	23.90
		CA_4A-12A-30A	4	20	1732.5	20175	QPSK	1	0	12	10	737.5	5095	30	10	2355	9820	23.67	23.87
		CA_4A-48C	4	20	1732.5	20175	QPSK	1	0	48	20	3625	55990	48	20	3644.5	56188	23.73	23.87
		CA_4A-5A-30A	4	20	1732.5	20175	QPSK	1	0	5	10	881.5	2525	30	10	2355	9820	23.69	23.87
		CA_4A-4A-13A	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	13	10	751	5230	23.77	23.87
		CA_4A-7C	4	20	1732.5	20175	QPSK	1	0	7	20	2655	3100	7	20	2554.8	3298	23.79	23.87
		CA_4A-46A-46A	4	20	1732.5	20175	QPSK	1	0	46	20	5160	46890	46	20	5905	54340	23.80	23.87
		CA_4A-4A-71A	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	71	20	634.5	68786	23.76	23.87
		CA_4A-7A-12A	4	20	1732.5	20175	QPSK	1	0	7	20	2655	3100	12	10	737.5	5095	23.71	23.87
		CA_4A-7A-7A	4	20	1732.5	20175	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	23.69	23.87
		CA_5A-7A-7A	5	10	829	20450	QPSK	1	0	7	20	2630	2850	7	20	2680	3350	23.86	24.00
		CA_5A-46A-66A	5	10	829	20450	QPSK	1	0	46	20	5540	50690	66	20	2155	66886	23.91	24.00
		CA_5B-46A	5	10	829	20450	QPSK	1	0	5	5	881.2	2522	46	20	5540	50690	23.86	24.00
		CA_7A-46C	7	20	2535	21100	QPSK	1	0	46	20	5517.7	50467	46	20	5537.5	50665	23.41	23.58
		CA_7C-13A	7	20	2535	21100	QPSK	1	0	7	20	2674.80	3298	13	10	751	5230	23.52	23.58
		CA_13A-46A-66A	13	10	782	23230	QPSK	1	0	46	20	5540	50690	66	20	2155	66886	23.88	23.95
		CA_25A-46C	25	20	1880	26340	QPSK	1	0	46	20	5517.7	50467	46	20	5537.5	50665	23.81	23.92
		CA_26A-41C	26	15	876.5	8865	QPSK	1	0	41	20	2590.5	40595	41	5	2602.2	40712	23.73	24.03
Intra-Band	Non-Contiguous	CA_41A-41A-41A	41	20	2593	40620	QPSK	1	0	41	5	2687.5	41565	41	10	2680	41490	23.99	24.30
		CA_41A-41C	41	20	2593	40620	QPSK	1	0	41	20	2660.2	41292	41	20	2680	41490	24.03	24.30
		CA_66A-66C	66	20	1745	132322	QPSK	1	0	66	20	2170.2	67038	66	20	2190	67236	23.85	23.99

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_2A-2A-7A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	7	20	2630	2850	66	20	2155	66886	23.81	23.90
		CA_2A-5A-7A-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	7	20	2630	2850	66	20	2155	66886	23.76	23.90
		CA_2A-7A-7A-13A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	13	10	751	5230	23.84	23.90
		CA_2A-7A-7A-66A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	66	20	2155	66886	23.83	23.90
		CA_2A-7C-13A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	7	20	2674.8	3298	13	10	751	5230	23.78	23.90
		CA_2A-7C-66A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	7	20	2674.8	3298	66	20	2155	66886	23.81	23.90
		CA_2A-12A-66C	2	20	1880	18900	QPSK	1	0	12	10	737.5	5095	66	20	2170.2	67038	66	20	2190	67236	23.79	23.90
		CA_2A-2A-4A-12A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	12	10	737.5	5095	23.86	23.90
		CA_2A-2A-4A-71A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	71	20	634.5	68786	23.87	23.90
		CA_2A-2A-66A-71A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	66	20	2155	66886	71	20	634.5	68786	23.71	23.90
		CA_2A-46A-46A-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	46	20	5905	54340	66	20	2155	66886	23.76	23.90
		CA_2A-46A-48A-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	48	20	3625	55990	66	20	2155	66886	23.83	23.90
		CA_2A-46C-48A	2	20	1880	18900	QPSK	1	0	46	20	5517.7	50467	46	20	5537.5	50665	48	20	3625	55990	23.71	23.90
		CA_2A-4A-4A-12A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2152.5	2375	12	10	737.5	5095	23.69	23.90
		CA_2A-66A-66A-71A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	66	5	2197.5	67311	71	20	634.5	68786	23.73	23.90
		CA_2A-66C-71A	2	20	1880	18900	QPSK	1	0	66	20	2170.2	67038	66	20	2190	67236	71	20	634.5	68786	23.66	23.90
		CA_2C-66A-66A	2	20	1870.1	18801	QPSK	1	0	2	20	1969.9	999	66	20	2120	66536	66	20	2190	67236	23.76	23.90
		CA_2A-13A-46C	2	20	1880	18900	QPSK	1	0	13	10	751	5230	46	20	5540.2	50692	46	20	5560	50890	23.81	23.90
		CA_2A-13A-66C	2	20	1880	18900	QPSK	1	0	13	10	751	5230	66	20	2155	66886	66	20	2174.8	67084	23.75	23.90
		CA_2A-2A-46C	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	46	20	5540.2	50692	46	20	5560	50890	23.68	23.90
		CA_2A-2A-4A-4A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	4	5	2152.5	2375	23.75	23.90
		CA_2A-2A-4A-5A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	4	20	2132.5	2175	5	10	881.5	2525	23.71	23.90
		CA_2A-4A-4A-5A	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	4	5	2152.5	2375	5	10	881.5	2525	23.82	23.90
		CA_2A-4A-5B	2	20	1880	18900	QPSK	1	0	4	20	2132.5	2175	5	10	884	2550	5	5	891.2	2622	23.76	23.90
		CA_2A-5A-46C	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	46	20	5540.2	50692	46	20	5560	50890	23.69	23.90
		CA_2A-5A-48A-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3625	55990	66	20	2155	66886	23.71	23.90
		CA_4A-46A-46C	4	20	1732.5	20175	QPSK	1	0	46	20	5160	46890	46	20	5540.2	50692	46	20	5560	50890	23.79	23.87
		CA_4A-46D	4	20	1732.5	20175	QPSK	1	0	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.75	23.87
		CA_4A-48D	4	20	1732.5	20175	QPSK	1	0	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.68	23.87
		CA_4A-4A-5B	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	5	10	884	2550	5	5	891.2	2622	23.84	23.87
		CA_5A-7A-66A-66A	5	10	829	20450	QPSK	1	0	7	20	2655	3100	66	20	2155	66886	66	5	2197.5	67311	23.69	24.00
		CA_5A-46C-66A	5	10	829	20450	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	66	20	2155	66886	23.76	24.00
		CA_5A-5A-66A-66A	5	10	829	20450	QPSK	1	0	5	10	889	2600	66	20	2155	66886	66	5	2197.5	67311	23.89	24.00
		CA_5A-5A-66B	5	10	829	20450	QPSK	1	0	5	10	889	2600	66	10	2150.1	66837	66	10	2160	66936	23.71	24.00
		CA_5A-5A-66C	5	10	829	20450	QPSK	1	0	5	10	889	2600	66	20	2155	66886	66	20	2174.8	67084	23.81	24.00
		CA_5B-46C	5	10	829	20450	QPSK	1	0	5	10	883.9	2549	46	20	5540.2	50692	46	20	5560	50890	23.86	24.00
		CA_13A-46C-66A	13	10	782	23230	QPSK	1	0	46	20	5540.2	50692	46	20	5560	50890	66	20	2155	66886	23.91	23.95
		CA_13A-48A-66B	13	10	782	23230	QPSK	1	0	48	20	3690	56640	66	10	2150.1	66837	66	10	2160	66936	23.76	23.95
		CA_13A-48A-66C	13	10	782	23230	QPSK	1	0	48	20	3690	56640	66	20	2152.5	66861	66	5	2164.2	66978	23.84	23.95
		CA_25A-41D	25	20	1880	26340	QPSK	1	0	41	20	2593	40620	41	20	2612.8	40818	41	20	2632.6	41016	23.78	23.92
		CA_25A-46D	25	20	1880	26340	QPSK	1	0	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.84	23.92
		CA_46A-46C-66A	66	20	1745	132322	QPSK	1	0	46	20	5905	54340	46	20	5160	46890	46	20	5179.8	47088	23.81	23.99
		CA_48A-48A-66A-66A	66	20	1720	132072	QPSK	1	0	66	20	2190	67236	48	20	3560	55340	48	20	3690	56640	23.75	23.99
		CA_48A-48A-66B	66	20	1745	132322	QPSK	1	0	66	10	2184.9	67185	48	20	3560	55340	48	20	3690	56640	23.91	23.99
		CA_48A-48A-66C	66	20	1720	132072	QPSK	1	0	66	20	2139.8	66734	48	20	3560	55340	48	20	3690	56640	23.74	23.99
		CA_48C-66A-66A	66	20	1720	132072	QPSK	1	0	66	20	2190	67236	48	20	3560	55340	48	20	3579.8	55538	23.68	23.99
Intra-Band	Non-Contiguous	CA_41A-41D	41	20	2549.5	40185	QPSK	1	0	41	20	2593	40620	41	20	2612.8	40818	41	20	2632.6	41016	24.16	24.30

5CC

Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				SCC4				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	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-48D-66A	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	66	20	2155	66886	23.76	23.90
		CA_2A-46A-46C-66A	2	20	1880	18900	QPSK	1	0	66	20	2155	66886	46	20	5905	54340	46	20	5160	46890	46	20	5179.8	47088	23.81	23.90
		CA_2A-46A-46D	2	20	1880	18900	QPSK	1	0	46	20	5537.5	50665	46	20	5160	46890	46	20	5179.8	47088	46	20	5199.5	47286	23.73	23.90
		CA_2A-46C-48C-66A	2	20	1880	18900	QPSK	1	0	46	20	5537.5	50665	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	23.74	23.90
		CA_2A-46C-48A-66A	2	20	1880	18900	QPSK	1	0	66	20	2145	66786	48	20	3625	55990	46	20	5160	46890	46	20	5179.8	47088	23.69	23.90
		CA_2A-13A-46D	2	20	1880	18900	QPSK	1	0	13	10	751	5230	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.71	23.90
		CA_2A-13A-48A-48A-66A	2	20	1880	18900	QPSK	1	0	13	10	751	5230	48	20	3560	55340	48	20	3690	56640	66	10	2155	66886	23.75	23.90
		CA_2A-13A-48A-48C	2	20	1880	18900	QPSK	1	0	13	10	751	5230	48	20	3560	55340	48	20	3690	56340	48	20	3679.8	56538	23.64	23.90
		CA_2A-13A-48C-66A	2	20	1880	18900	QPSK	1	0	13	10	751	5230	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	23.73	23.90
		CA_2A-13A-48D	2	20	1880	18900	QPSK	1	0	13	10	751	5230	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.81	23.90
		CA_2A-13A-66A-66B	2	20	1900	19100	QPSK	1	0	13	10	751	5230	66	5	2112.5	66461	66	10	2150.1	66837	66	10	2160	66936	23.69	23.90
		CA_2A-2A-13A-66A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	20	2155	66886	66	5	2197.5	67311	23.76	23.90
		CA_2A-2A-46D	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.81	23.90
		CA_2A-2A-5A-66B	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	10	2150.1	66837	66	10	2160	66936	23.86	23.90
		CA_2A-2A-5A-66C	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2152.5	66861	66	5	2164.2	66978	23.77	23.90
		CA_2A-2A-5B-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	874	2450	5	10	883.9	2549	66	10	2155	66886	23.81	23.90
		CA_2A-48A-48C-66A	2	20	1880	18900	QPSK	1	0	48	10	3560	55340	48	20	3615.1	55891	48	20	3634.9	56089	66	10	2155	67286	23.73	23.90
		CA_2A-48A-48D	2	20	1880	18900	QPSK	1	0	48	20	3690	56640	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.69	23.90
		CA_2A-48C-48C	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3670.2	56442	48	20	3690	56640	23.75	23.90
		CA_2A-5A-46D	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.86	23.90
		CA_2A-5A-48C-66A	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3660	56340	48	20	3679.8	56538	66	20	2155	66886	23.81	23.90
		CA_2A-5A-48D	2	20	1880	18900	QPSK	1	0	5	10	881.5	2525	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.89	23.90
		CA_2A-5B-30A-66A	2	20	1880	18900	QPSK	1	0	5	10	874	2450	5	10	883.9	2549	30	10	2355	9820	66	10	2155	66886	23.82	23.90
		CA_2A-5B-66A-66A	2	20	1880	18900	QPSK	1	0	5	10	884	2550	5	5	891.2	2622	66	20	2155	66886	66	5	2197.5	67311	23.76	23.90
		CA_2A-5B-66B	2	20	1880	18900	QPSK	1	0	5	10	884	2550	5	5	891.2	2622	66	10	2150.1	66837	66	10	2160	66936	23.71	23.90
		CA_2A-5B-66C	2	20	1880	18900	QPSK	1	0	5	10	884	2550	5	5	891.2	2622	66	20	2152.5	66861	66	5	2164.2	66978	23.68	23.90
		CA_2A-12A-30A-66A-66A	2	20	1880	18900	QPSK	1	0	66	20	2120	66536	66	5	2145	66786	12	5	731.5	5035	30	10	2355	9820	23.75	23.90
		CA_2A-2A-12A-30A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	12	10	737.5	5095	30	10	2355	9820	66	10	2155	66886	23.63	23.90
		CA_2A-2A-12A-66A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	12	10	737.5	5095	66	20	2155	66886	66	5	2197.5	67311	23.69	23.90
		CA_2A-2A-13A-66B	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	10	2150.1	66837	66	10	2160	66936	23.66	23.90
		CA_2A-7A-7A-66A-66A	2	20	1880	18900	QPSK	1	0	7	20	2655	3100	7	5	2687.5	3425	66	20	2155	66886	66	5	2197.5	67311	23.71	23.90
		CA_2A-2A-5A-30A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	30	10	2355	9820	66	10	2155	66886	23.75	23.90
		CA_2A-2A-5A-66A-66A	2	20	1880	18900	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2155	66886	66	5	2197.5	67311	23.79	23.90
		CA_4A-46A-46D	4	20	1732.5	20175	QPSK	1	0	46	20	5160	46890	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.64	23.87
		CA_4A-48E	4	20	1732.5	20175	QPSK	1	0	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.73	23.87
		CA_5A-46D-66A	5	10	829	20450	QPSK	1	0	66	20	2190	67236	46	20	5520.2	50492	46	20	5540	50690	46	20	5559.8	50888	23.69	24.00
		CA_5A-46E	5	10	829	20450	QPSK	1	0	46	20	5520	50490	46	20	5539.8	50688	46	20	5559.9	50889	46	20	5580	51090	23.81	24.00
		CA_5A-48D-66A	5	10	829	20450	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	66	20	2155	66886	23.75	24.00
		CA_5B-46D	5	10	829	20450	QPSK	1	0	5	10	883.9	2549	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.67	24.00
		CA_5A-7C-66A-66A	5	10	829	20450	QPSK	1	0	7	20	2645.1	3001	7	20	2664.9	3199	66	20	2120	66536	66	20	2145	66786	23.86	24.00
		CA_13A-46D-66A	13	10	782	23230	QPSK	1	0	66	20	2155	66886	46	20	5520.2	50492	46	20	5540	50690	46	20	5559.8	50888	23.89	23.95
		CA_13A-46E	13	10	782	23230	QPSK	1	0	46	20	5520	50490	46	20	5539.8	50688	46	20	5559.9	50889	46	20	5580	51090	23.76	23.95
		CA_13A-48A-48C-66A	13	10	782	23230	QPSK	1	0	48	20	3690	56640	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	23.81	23.95
		CA_13A-48A-48D	13	10	782	23230	QPSK	1	0	48	20	3690	56640	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.82	23.95
		CA_13A-48C-48C	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3670.2	56442	48	20	3690	56640	23.73	23.95
		CA_13A-48D-66A	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	66	20	2155	66886	23.79	23.95
		CA_46A-46D-66A	66	20	1745	132322	QPSK	1	0	46	20	5160	46890	46	20	5520.2	50492	46	20	5540	50690	46	20	5559.8	50888	23.80	23.99
		CA_46D-66A-66A	66	20	1720	132072	QPSK	1	0	66	5	2195	67286	46	20	5537.5	50665	46	20	5557.3	50863	46	20	5577.1	51061	23.69	23.99
		CA_48A-48C-66B	66	10	1715	132022	QPSK	1	0	66	10	2124.9	66585	48	20	3560	55340	48	20	3670.2	56442	48	20	3690	56640	23.67	23.99
		CA_48A-48C-66C	66	20	1720	132072	QPSK	1	0	66	20	2139.8	66734	48	20	3560	55340	48	20	3579.8	55538	48	20	3625	55990	23.71	23.99
		CA_48A-48D-66A	66	20	1745	132322	QPSK	1	0	48	20	3625	55990	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	23.83	23.99
		CA_48C-48C-66A	66	20	1745	132322	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3670.2	56442	48	20	3690	56640	23.76	23.99
Intra-Band	Non-Contiguous	CA_48A-48E	48	20	3560	55340	QPSK	1	49	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.84	23.95
		CA_48C-48D	48	20	3560	55340	QPSK	1	49	48	20	3579.8	55538	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	23.91	23.95

6CC

Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				SCC4				SCC5				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	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_2A-46A-48D-66A	2	20	1880	18900	QPSK	1	0	46	20	5537.5	50665	48	20	3619.4	55934	48	20	3599.6	55736	48	20	3579.8	55538	66	20	2120	66536	23.76	23.90
	CA_2A-46C-48C-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	46	20	5179.8	47088	48	20	3560	55340	48	20	3579.8	55538	66	20	2155	66886	23.79	23.90
	CA_2A-46D-48A-66A	2	20	1880	18900	QPSK	1	0	48	20	3690	56640	46	20	5865.2	53942	46	20	5885	54140	46	20	5904.8	54338	66	20	2145	66876	23.81	23.90
	CA_2A-48E-66A	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	48	20	3619.4	55934	66	20	2155	66886	23.86	23.90
	CA_13A-48E-66A	13	10	782	23230	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	48	20	3619.4	55934	66	20	2155	66886	23.84	23.95

7CC

Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				SCC4				SCC5				SCC6				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	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_2A-46C-48D-66A	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	48	20	3599.6	55736	46	20	5160	46890	46	20	5179.8	47088	66	20	2145	66876	23.81	23.90
	CA_2A-46C-48E	2	20	1880	18900	QPSK	1	0	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	46	20	5160	46890	46	20	5180	47088	23.76	23.90
	CA_2A-46D-48C-66A	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	46	20	5160	46890	46	20	5179.8	47088	46	20	5199.6	47286	66	20	2145	66876	23.71	23.90
	CA_2A-46E-48A-66A	2	20	1880	18900	QPSK	1	0	48	20	3625	55990	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	46	20	5904.4	54334	66	20	2145	66876	23.85	23.90
	CA_2A-46E-48C	2	20	1880	18900	QPSK	1	0	48	20	3560	55340	48	20	3579.8	55538	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	46	20	5904.4	54334	23.69	23.90
	CA_2A-46E-66A-66A	2	20	1880	18900	QPSK	1	0	46	20	5160	46890	46	20	5179.8	47088	46	20	5199.6	47286	46	20	5219.4	47484	66	20	2120	66536	66	20	2140.2	66738	23.76	23.90
	CA_46C-48E-66A	66	20	1745	132322	QPSK	1	0	48	20	3630.6	56046	48	20	3650.4	56244	48	20	3670.2	56442	48	20	3690	56640	46	20	5160	46890	46	20	5179.8	47088	23.81	23.99
	CA_46E-48C-66A	66	20	1745	132322	QPSK	1	0	46	20	5845	53740	46	20	5864.8	53938	46	20	5884.6	54136	46	20	5904.4	54334	48	20	3560	55340	48	20	3579.8	55538	23.89	23.99

Wifi Power

<WLAN 2.4GHz_FCC State1>

					Ant.12		Ant.7		Ant.12+7		
	Mode	Channel	Frequency (MHz)	RU Config.	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	Full	19.37	20.50	19.04	20.50	22.22	23.50	99.05
		6	2437	Full	19.30	20.50	19.49	20.50	22.41	23.50	
		11	2462	Full	19.15	20.50	19.22	20.50	22.20	23.50	
	802.11g 6Mbps	1	2412	Full	16.53	18.50	16.16	18.50	19.36	21.50	99.05
		6	2437	Full	17.09	18.50	17.31	18.50	20.21	21.50	
		11	2462	Full	17.12	18.50	17.10	18.50	20.12	21.50	
	802.11n-HT20 MCS0	1	2412	Full	9.68	11.00	10.04	11.00	12.87	14.00	99.63
		2	2417	Full	12.47	14.00	12.43	14.00	15.46	17.00	
		3	2422	Full	17.10	18.50	16.64	18.50	19.89	21.50	
		6	2437	Full	17.08	18.50	17.28	18.50	20.19	21.50	
		11	2462	Full	15.95	18.00	15.98	18.00	18.98	21.00	
	802.11n-HT40 MCS0	3	2422	Full	15.14	17.00	14.91	17.00	18.04	20.00	99.63
		6	2437	Full	17.07	18.50	17.46	18.50	20.28	21.50	
		9	2452	Full	14.15	16.00	14.90	16.00	17.55	19.00	
	802.11ac-VHT20 MCS0	1	2412	Full	9.64	11.00	10.01	11.00	12.84	14.00	99.63
		2	2417	Full	12.41	14.50	12.37	14.50	15.40	17.50	
		3	2422	Full	17.05	18.50	16.61	18.50	19.85	21.50	
		6	2437	Full	17.07	18.50	17.27	18.50	20.18	21.50	
		11	2462	Full	15.91	18.00	15.94	18.00	18.94	21.00	
	802.11ac-VHT40 MCS0	3	2422	Full	15.13	17.00	14.84	17.00	18.00	20.00	99.63
		6	2437	Full	17.06	18.50	17.44	18.50	20.26	21.50	
		9	2452	Full	14.11	16.00	14.83	16.00	17.50	19.00	
	802.11ax-HE20 MCS0	1	2412	Full	9.67	11.00	10.04	11.00	12.87	14.00	99.63
				26/0	8.08	9.50	8.81	9.50	11.47	12.50	
				52/37	11.41	12.50	11.84	12.50	14.64	15.50	
				106/53	14.74	15.50	14.95	15.50	17.86	18.50	
		2	2417	Full	12.44	14.50	12.41	14.50	15.44	17.50	
		3	2422	Full	17.11	18.50	16.65	18.50	19.90	21.50	
		6	2437	Full	17.08	18.50	17.47	18.50	20.29	21.50	
		11	2462	Full	15.93	17.00	16.01	17.00	18.98	20.00	
				26/8	8.06	9.50	9.40	9.50	11.79	12.50	
				52/40	11.51	12.50	12.05	12.50	14.80	15.50	
				106/54	14.47	15.50	15.12	15.50	17.82	18.50	
	802.11ax-HE40 MCS0	3	2422	Full	15.16	17.00	14.87	17.00	18.03	20.00	99.63
		6	2437	Full	17.07	18.50	17.45	18.50	20.27	21.50	
		9	2452	Full	14.18	16.00	14.89	16.00	17.56	19.00	
	802.11be_20MHz MCS0	1	2412	Full	9.75	11.00	10.12	11.00	12.95	14.00	99.63
				26/0	8.17	9.50	8.89	9.50	11.56	12.50	
				52/37	11.48	12.50	11.94	12.50	14.73	15.50	
				106/53	14.78	15.50	14.99	15.50	17.90	18.50	
				52+26/38+1	8.36	9.50	9.18	9.50	11.80	12.50	
				106+26/53+4	8.32	9.50	9.10	9.50	11.74	12.50	
		2	2417	Full	12.53	14.50	12.57	14.50	15.56	17.50	
		3	2422	Full	17.15	18.50	16.76	18.50	19.97	21.50	
		6	2437	Full	17.12	18.50	17.54	18.50	20.35	21.50	
		11	2462	Full	15.99	18.00	16.03	18.00	19.02	21.00	
				26/8	8.13	9.50	9.48	9.50	11.87	12.50	
				52/40	11.56	12.50	12.08	12.50	14.84	15.50	
				106/54	14.54	15.50	15.22	15.50	17.90	18.50	
				52+26/39+7	8.06	9.50	8.99	9.50	11.56	12.50	
				106+26/54+4	8.54	9.50	9.24	9.50	11.91	12.50	
	802.11be_40MHz MCS0	3	2422	Full	15.18	17.00	15.01	17.00	18.11	20.00	99.63
		6	2437	Full	17.11	18.50	17.51	18.50	20.32	21.50	
		9	2452	Full	14.20	16.00	14.94	16.00	17.60	19.00	

<WLAN 5GHz_FCC State1>

					Ant.10		Ant.13		Ant.10+13		
	Mode	Channel	Frequency (MHz)	RU Config.	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	Full	16.21	18.00	16.63	18.00	19.44	21.00	99.05
		40	5200	Full	16.16	18.00	16.52	18.00	19.35	21.00	
		44	5220	Full	16.24	18.00	16.56	18.00	19.41	21.00	
		48	5240	Full	16.21	18.00	16.55	18.00	19.39	21.00	
	802.11n-HT20 MCS0	36	5180	Full	16.26	18.00	16.80	18.00	19.55	21.00	99.63
		40	5200	Full	16.28	18.00	16.55	18.00	19.43	21.00	
		44	5220	Full	16.35	18.00	16.66	18.00	19.52	21.00	
		48	5240	Full	16.35	18.00	16.67	18.00	19.52	21.00	
	802.11n-HT40 MCS0	38	5190	Full	17.07	19.00	17.32	19.00	20.21	22.00	99.45
		46	5230	Full	17.07	19.00	17.19	19.00	20.14	22.00	
	802.11ac-VHT20 MCS0	36	5180	Full	16.27	18.00	16.76	18.00	19.53	21.00	99.45
		40	5200	Full	16.22	18.00	16.52	18.00	19.38	21.00	
		44	5220	Full	16.31	18.00	16.61	18.00	19.47	21.00	
		48	5240	Full	16.30	18.00	16.64	18.00	19.48	21.00	
	802.11ac-VHT40 MCS0	38	5190	Full	17.03	19.00	17.24	19.00	20.15	22.00	99.63
		46	5230	Full	17.06	19.00	17.19	19.00	20.14	22.00	
	802.11ac-VHT80 MCS0	42	5210	Full	17.05	19.00	17.23	19.00	20.15	22.00	99.63
	802.11ax-HE20 MCS0	36	5180	Full	16.31	18.00	16.77	18.00	19.56	21.00	99.45
				26/0	6.87	8.50	6.67	8.50	9.78	11.50	
				52/37	9.51	11.50	9.74	11.50	12.64	14.50	
				106/53	12.27	14.00	13.04	14.00	15.68	17.00	
		40	5200	Full	16.33	18.00	16.59	18.00	19.47	21.00	
		44	5220	Full	16.43	18.00	16.64	18.00	19.55	21.00	
		48	5240	Full	16.30	18.00	16.59	18.00	19.46	21.00	
	802.11ax-HE40 MCS0	38	5190	Full	17.07	19.00	17.26	19.00	20.18	22.00	99.45
		46	5230	Full	17.11	19.00	17.22	19.00	20.18	22.00	
	802.11ax-HE80 MCS0	42	5210	Full	17.13	19.00	17.25	19.00	20.20	22.00	99.62
	802.11be_20MHz MCS0	36	5180	Full	16.34	18.00	16.82	18.00	19.60	21.00	99.81
				26/0	6.93	8.50	6.73	8.50	9.84	11.50	
				52/37	9.58	11.50	9.77	11.50	12.69	14.50	
				106/53	12.33	14.00	13.07	14.00	15.73	17.00	
				52+26/38+1	8.97	10.00	8.41	10.00	11.71	13.00	
				106+26/53+4	9.07	10.00	8.43	10.00	11.77	13.00	
		40	5200	Full	16.35	18.00	16.62	18.00	19.50	21.00	
		44	5220	Full	16.46	18.00	16.69	18.00	19.59	21.00	
		48	5240	Full	16.36	18.00	16.72	18.00	19.55	21.00	
	802.11be_40MHz MCS0	38	5190	Full	17.10	19.00	17.37	19.00	20.25	22.00	99.63
		46	5230	Full	17.13	19.00	17.24	19.00	20.20	22.00	
	802.11be_80MHz MCS0	42	5210	Full	17.20	19.00	17.40	19.00	20.31	22.00	100.00
				20M/RU1	15.00	16.50	15.31	16.50	18.17	19.50	
				20M/RU2	14.81	16.50	15.16	16.50	18.00	19.50	
				20M/RU3	15.03	16.50	15.38	16.50	18.22	19.50	
				20M/RU4	14.80	16.50	15.13	16.50	17.98	19.50	
				484+242/ 1	15.24	16.50	15.52	16.50	18.39	19.50	
				484+242/ 2	14.80	16.50	15.54	16.50	18.20	19.50	
				484+242/ 3	15.38	16.50	15.57	16.50	18.49	19.50	
				484+242/ 4	15.05	16.50	15.41	16.50	18.25	19.50	

					Ant.10		Ant.13		Ant.10+13		
	Mode	Channel	Frequency (MHz)	RU Config.	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	Full	17.25	19.00	17.47	19.00	20.37	22.00	99.05
		56	5280	Full	17.06	19.00	17.22	19.00	20.15	22.00	
		60	5300	Full	17.12	19.00	17.53	19.00	20.34	22.00	
		64	5320	Full	17.11	19.00	17.25	19.00	20.19	22.00	
	802.11n-HT20 MCS0	52	5260	Full	17.32	19.00	17.46	19.00	20.40	22.00	99.63
		56	5280	Full	17.13	19.00	17.22	19.00	20.19	22.00	
		60	5300	Full	17.12	19.00	17.51	19.00	20.33	22.00	
		64	5320	Full	17.05	19.00	17.25	19.00	20.16	22.00	
	802.11n-HT40 MCS0	54	5270	Full	17.03	19.00	17.06	19.00	20.06	22.00	99.45
		62	5310	Full	17.06	19.00	17.09	19.00	20.09	22.00	
	802.11ac-VHT20 MCS0	52	5260	Full	17.25	19.00	17.43	19.00	20.35	22.00	99.45
		56	5280	Full	17.09	19.00	17.16	19.00	20.14	22.00	
		60	5300	Full	17.19	19.00	17.47	19.00	20.34	22.00	
		64	5320	Full	17.05	19.00	17.27	19.00	20.17	22.00	
	802.11ac-VHT40 MCS0	54	5270	Full	17.01	19.00	17.06	19.00	20.05	22.00	99.63
		62	5310	Full	17.02	19.00	17.08	19.00	20.06	22.00	
	802.11ac-VHT80 MCS0	58	5290	Full	17.05	19.00	17.18	19.00	20.13	22.00	99.63
	802.11ac-VHT160 MCS0	50	5250	Full	17.05	19.00	17.37	19.00	20.22	22.00	99.63
	802.11ax-HE20 MCS0	52	5260	Full	17.31	19.00	17.53	19.00	20.43	22.00	99.45
		56	5280	Full	17.18	19.00	17.28	19.00	20.24	22.00	
		60	5300	Full	17.24	19.00	17.53	19.00	20.40	22.00	
		64	5320	Full	17.06	19.00	17.30	19.00	20.19	22.00	
				26/8	8.09	10.00	8.08	10.00	11.10	13.00	
				52/40	11.05	13.00	11.14	13.00	14.11	16.00	
				106/54	14.20	16.00	14.78	16.00	17.51	19.00	
				52+26/39+7	8.44	10.00	8.72	10.00	11.59	13.00	
				106+26/54+4	8.47	10.00	8.94	10.00	11.72	13.00	
	802.11ax-HE40 MCS0	54	5270	Full	17.04	19.00	17.09	19.00	20.08	22.00	99.45
		62	5310	Full	17.05	19.00	17.10	19.00	20.09	22.00	
	802.11ax-HE80 MCS0	58	5290	Full	17.09	19.00	17.26	19.00	20.19	22.00	99.62
	802.11ax-HE160 MCS0	50	5250	Full	15.89	17.5	16.33	17.5	19.13	20.50	99.77
	802.11be_20MHz MCS0	52	5260	Full	17.35	19.00	17.55	19.00	20.46	22.00	99.81
		56	5280	Full	17.25	19.00	17.31	19.00	20.29	22.00	
		60	5300	Full	17.27	19.00	17.62	19.00	20.46	22.00	
		64	5320	Full	17.06	19.00	17.33	19.00	20.21	22.00	
				26/8	8.13	10.00	8.11	10.00	11.13	13.00	
				52/40	11.10	13.00	11.23	13.00	14.18	16.00	
				106/54	14.23	16.00	14.81	16.00	17.54	19.00	
	802.11be_40MHz MCS0	54	5270	Full	17.08	19.00	17.10	19.00	20.10	22.00	99.63
		62	5310	Full	17.09	19.00	17.11	19.00	20.11	22.00	
	802.11be_80MHz MCS0	58	5290	Full	17.12	19.00	17.34	19.00	20.24	22.00	100.00
				20M/RU1	13.92	15.50	14.23	15.50	17.09	18.50	
				20M/RU2	13.96	15.50	14.27	15.50	17.13	18.50	
				20M/RU3	13.83	15.50	14.21	15.50	17.03	18.50	
				20M/RU4	13.77	15.50	14.16	15.50	16.98	18.50	
				484+242/ 1	12.14	13.50	12.27	13.50	15.22	16.50	
				484+242/ 2	12.20	13.50	12.39	13.50	15.31	16.50	
				484+242/ 3	11.93	13.50	12.34	13.50	15.15	16.50	
				484+242/ 4	11.88	13.50	12.21	13.50	15.06	16.50	
	802.11be_160MHz MCS0	50	5250	Full	15.93	17.50	16.39	17.50	19.18	20.50	99.55
				20M/RU1	12.88	14.00	13.17	14.00	16.04	17.00	
				20M/RU2	13.02	14.00	13.38	14.00	16.21	17.00	
				20M/RU3	12.84	14.00	13.34	14.00	16.11	17.00	
				20M/RU4	12.93	14.00	13.15	14.00	16.05	17.00	
				20M/RU5	12.99	14.00	13.31	14.00	16.16	17.00	
				20M/RU6	12.92	14.00	13.29	14.00	16.12	17.00	
				20M/RU7	12.87	14.00	13.18	14.00	16.04	17.00	
				20M/RU8	12.91	14.00	13.21	14.00	16.07	17.00	
				40M/RU1	12.67	14.00	13.04	14.00	15.87	17.00	
				40M/RU2	12.83	14.00	13.16	14.00	16.01	17.00	
				40M/RU3	12.81	14.00	13.11	14.00	15.97	17.00	
				40M/RU4	12.91	14.00	13.08	14.00	15.94	17.00	
				996+484/ 1	12.39	14.00	12.57	14.00	15.49	17.00	
				996+484/ 2	12.62	14.00	12.75	14.00	15.70	17.00	
				996+484/ 3	12.53	14.00	12.70	14.00	15.63	17.00	
				996+484/ 4	12.56	14.00	12.71	14.00	15.65	17.00	

					Ant.10		Ant.13		Ant.10+13		
	Mode	Channel	Frequency (MHz)	RU Config.	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	Full	13.95	15.50	14.01	15.50	16.99	18.50	99.05
		116	5580	Full	13.72	15.50	13.86	15.50	16.80	18.50	
		124	5620	Full	13.67	15.50	13.84	15.50	16.77	18.50	
		132	5660	Full	13.64	15.50	13.82	15.50	16.74	18.50	
		140	5700	Full	13.71	15.50	13.98	15.50	16.86	18.50	
	802.11n-HT20 MCS0	100	5500	Full	13.79	15.50	14.00	15.50	16.91	18.50	99.63
		116	5580	Full	13.63	15.50	13.86	15.50	16.76	18.50	
		124	5620	Full	13.60	15.50	13.81	15.50	16.72	18.50	
		132	5660	Full	13.56	15.50	13.87	15.50	16.73	18.50	
		140	5700	Full	13.54	15.50	13.98	15.50	16.78	18.50	
	802.11n-HT40 MCS0	102	5510	Full	14.53	16.50	14.63	16.50	17.59	19.50	99.45
		110	5550	Full	14.64	16.50	14.67	16.50	17.67	19.50	
		126	5630	Full	14.61	16.50	14.66	16.50	17.65	19.50	
		134	5670	Full	14.50	16.50	14.61	16.50	17.57	19.50	
	802.11ac-VHT20 MCS0	100	5500	Full	13.87	15.50	14.03	15.50	16.96	18.50	99.45
		116	5580	Full	13.63	15.50	13.86	15.50	16.76	18.50	
		124	5620	Full	13.62	15.50	13.78	15.50	16.71	18.50	
		132	5660	Full	13.58	15.50	13.80	15.50	16.70	18.50	
		140	5700	Full	13.65	15.50	13.97	15.50	16.82	18.50	
	802.11ac-VHT40 MCS0	102	5510	Full	14.48	16.50	14.58	16.50	17.54	19.50	99.63
		110	5550	Full	14.52	16.50	14.51	16.50	17.53	19.50	
		126	5630	Full	14.48	16.50	14.54	16.50	17.52	19.50	
		134	5670	Full	14.46	16.50	14.57	16.50	17.53	19.50	
	802.11ac-VHT80 MCS0	106	5530	Full	14.58	16.50	14.65	16.50	17.63	19.50	99.63
		122	5610	Full	14.49	16.50	14.56	16.50	17.54	19.50	
	802.11ac-VHT160 MCS0	114	5570	Full	14.69	16.50	14.87	16.50	17.79	19.50	99.63
	802.11ax-HE20 MCS0	100	5500	Full	13.98	15.50	14.05	15.50	17.03	18.50	99.45
				26/0	8.10	10.00	8.20	10.00	11.16	13.00	
				52/37	11.48	13.00	11.15	13.00	14.33	16.00	
				106/53	13.98	15.50	14.10	15.50	17.05	18.50	
				52+26/38+1	8.73	10.00	8.83	10.00	11.79	13.00	
				106+26/53+4	9.13	10.00	9.06	10.00	12.11	13.00	
		116	5580	Full	13.70	15.50	13.96	15.50	16.84	18.50	
		124	5620	Full	13.68	15.50	13.91	15.50	16.81	18.50	
		132	5660	Full	13.65	15.50	13.95	15.50	16.81	18.50	
		140	5700	Full	13.59	15.50	14.03	15.50	16.83	18.50	
				8/26	8.06	10.00	8.30	10.00	11.19	13.00	
				52/40	11.07	13.00	11.47	13.00	14.28	16.00	
				106/54	13.52	15.50	14.23	15.50	16.90	18.50	
				52+26/39+7	8.62	10.00	8.88	10.00	11.76	13.00	
				106+26/54+4	8.57	10.00	9.04	10.00	11.82	13.00	
	802.11ax-HE40 MCS0	102	5510	Full	14.58	16.50	14.63	16.50	17.62	19.50	99.45
		110	5550	Full	14.57	16.50	14.56	16.50	17.58	19.50	
		126	5630	Full	14.55	16.50	14.51	16.50	17.54	19.50	
		134	5670	Full	14.58	16.50	14.53	16.50	17.57	19.50	
	802.11ax-HE80 MCS0	106	5530	Full	14.63	16.50	14.68	16.50	17.67	19.50	99.62
		122	5610	Full	14.54	16.50	14.65	16.50	17.61	19.50	
	802.11ax-HE160 MCS0	114	5570	Full	14.52	16.50	14.72	16.50	17.63	19.50	99.77
	802.11be_20MHz MCS0	100	5500	Full	14.07	15.50	14.11	15.50	17.10	18.50	99.81
				26/0	8.17	10.00	8.27	10.00	11.23	13.00	
				52/37	11.60	13.00	11.21	13.00	14.42	16.00	
				106/53	14.07	15.50	14.29	15.50	17.19	18.50	
		116	5580	Full	13.75	15.50	14.06	15.50	16.92	18.50	
		124	5620	Full	13.72	15.50	14.03	15.50	16.89	18.50	
		132	5660	Full	13.75	15.50	14.12	15.50	16.95	18.50	
		140	5700	Full	13.74	15.50	14.21	15.50	16.99	18.50	
				8/26	8.07	10.00	8.37	10.00	11.23	13.00	
				52/40	11.11	13.00	11.63	13.00	14.39	16.00	
				106/54	13.66	15.50	14.29	15.50	17.00	18.50	
	802.11be_40MHz MCS0	102	5510	Full	14.46	16.50	14.68	16.50	17.67	19.50	99.63
		110	5550	Full	14.68	16.50	14.74	16.50	17.72	19.50	
		126	5630	Full	14.62	16.50	14.71	16.50	17.68	19.50	
		134	5670	Full	14.58	16.50	14.63	16.50	17.62	19.50	
	802.11be_80MHz MCS0	106	5530	Full	14.75	16.50	14.81	16.50	17.79	19.50	100.00
				20M/RU1	15.05	16.50	15.00	16.50	18.04	19.50	
				20M/RU2	15.03	16.50	14.96	16.50	18.01	19.50	
				20M/RU3	15.06	16.50	15.01	16.50	18.05	19.50	
				20M/RU4	14.84	16.50	14.87	16.50	17.87	19.50	
				484+242/ 1	12.81	14.00	12.74	14.00	15.79	17.00	
				484+242/ 2	12.65	14.00	12.57	14.00	15.62	17.00	
				484+242/ 3	12.85	14.00	12.75	14.00	15.81	17.00	
				484+242/ 4	12.52	14.00	12.40	14.00	15.47	17.00	
		122	5610	Full	14.71	16.50	14.83	16.50	17.78	19.50	
				20M/RU1	14.92	16.50	15.16	16.50	18.05	19.50	
				20M/RU2	14.96	16.50	15.18	16.50	18.08	19.50	
				20M/RU3	14.74	16.50	14.92	16.50	17.84	19.50	
				20M/RU4	14.63	16.50	14.83	16.50	17.74	19.50	
				484+242/ 1	16.12	16.50	16.33	16.50	19.24	19.50	
				484+242/ 2	16.15	16.50	16.35	16.50	19.26	19.50	
				484+242/ 3	16.07	16.50	16.19	16.50	19.14	19.50	
				484+242/ 4	15.95	16.50	16.11	16.50	19.04	19.50	
	802.11be_160MHz MCS0	114	5570	Full	14.70	16.50	14.96	16.50	17.84	19.50	99.55
				20M/RU1	11.84	13.50	12.17	13.50	15.02	16.50	
				20M/RU2	11.77	13.50	12.05	13.50	14.92	16.50	
				20M/RU3	11.83	13.50	12.11	13.50	14.98	16.50	
				20M/RU4	11.89	13.50	12.06	13.50	14.99	16.50	
				20M/RU5	11.94	13.50	12.19	13.50	15.08	16.50	
				20M/RU6	11.89	13.50	12.17	13.50	15.04	16.50	
				20M/RU7	11.97	13.50	12.22	13.50	15.11	16.50	
				20M/RU8	11.85	13.50	12.05	13.50	14.96	16.50	
				40M/RU1	11.79	13.50	12.05	13.50	14.93	16.50	
				40M/RU2	11.96	13.50	12.11	13.50	15.05	16.50	
				40M/RU3	11.93	13.50	12.10	13.50	15.03	16.50	
				40M/RU4	11.92	13.50	12.03	13.50	14.99	16.50	
				996+484/ 1	12.88	14.00	13.03	14.00	15.97	17.00	
				996+484/ 2	13.02	14.00	13.09	14.00	16.07	17.00	
				996+484/ 3	13.01	14.00	13.16	14.00	16.10	17.00	
				996+484/ 4	12.91	14.00	13.09	14.00	16.01	17.00	

					Ant.10		Ant.13		Ant.10+13		
	Mode	Channel	Frequency (MHz)	RU Config.	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	Full	13.37	15.00	13.39	15.00	16.39	18.00	99.05
		157	5785	Full	13.27	15.00	13.34	15.00	16.32	18.00	
		165	5825	Full	12.99	15.00	13.29	15.00	16.15	18.00	
	802.11n-HT20 MCS0	149	5745	Full	13.36	15.00	13.44	15.00	16.41	18.00	99.63
		157	5785	Full	13.37	15.00	13.37	15.00	16.38	18.00	
		165	5825	Full	13.00	15.00	13.27	15.00	16.15	18.00	
	802.11n-HT40 MCS0	151	5755	Full	14.04	16.00	14.15	16.00	17.11	19.00	99.45
		159	5795	Full	14.04	16.00	14.06	16.00	17.06	19.00	
	802.11ac-VHT20 MCS0	149	5745	Full	13.27	15.00	13.51	15.00	16.40	18.00	99.45
		157	5785	Full	13.13	15.00	13.34	15.00	16.25	18.00	
		165	5825	Full	13.00	15.00	13.29	15.00	16.16	18.00	
	802.11ac-VHT40 MCS0	151	5755	Full	13.98	16.00	14.07	16.00	17.04	19.00	99.63
		159	5795	Full	14.07	16.00	14.13	16.00	17.11	19.00	
	802.11ac-VHT80 MCS0	155	5775	Full	14.02	16.00	14.11	16.00	17.08	19.00	99.63
	802.11ax-HE20 MCS0	149	5745	Full	13.41	15.00	13.56	15.00	16.50	18.00	99.63
				26/0	8.14	10.00	8.05	10.00	11.11	13.00	
				52/37	11.44	13.00	11.34	13.00	14.40	16.00	
				106/53	13.24	15.00	13.32	15.00	16.29	18.00	
				52+26/38+1	8.89	10.00	8.74	10.00	11.83	13.00	
				106+26/53+4	9.15	10.00	9.01	10.00	12.09	13.00	
		157	5785	Full	13.26	15.00	13.40	15.00	16.34	18.00	
		165	5825	Full	13.03	15.00	13.36	15.00	16.21	18.00	
				26/8	7.05	10.00	8.04	10.00	10.58	13.00	
				52/40	11.05	13.00	11.22	13.00	14.15	16.00	
				106/54	13.04	15.00	13.31	15.00	16.19	18.00	
				52+26/39+7	8.42	10.00	8.40	10.00	11.42	13.00	
				106+26/54+4	8.66	10.00	8.88	10.00	11.68	13.00	
	802.11ax-HE40 MCS0	151	5755	Full	14.08	16.00	14.16	16.00	17.13	19.00	99.45
		159	5795	Full	14.01	16.00	14.08	16.00	17.06	19.00	
	802.11ax-HE80 MCS0	155	5775	Full	14.05	16.00	14.25	16.00	17.16	19.00	99.62
	802.11be_20MHz MCS0	149	5745	Full	13.42	15.00	13.65	15.00	16.55	18.00	99.81
				26/0	8.19	10.00	8.07	10.00	11.14	13.00	
				52/37	11.57	13.00	11.38	13.00	14.49	16.00	
				106/53	13.36	15.00	13.44	15.00	16.41	18.00	
		157	5785	Full	13.37	15.00	13.54	15.00	16.47	18.00	
		165	5825	Full	13.13	15.00	13.38	15.00	16.27	18.00	
				26/8	8.09	10.00	8.06	10.00	11.09	13.00	
				52/40	11.10	13.00	11.27	13.00	14.20	16.00	
				106/54	13.10	15.00	13.32	15.00	16.22	18.00	
	802.11be_40MHz MCS0	151	5755	Full	14.18	16.00	14.21	16.00	17.21	19.00	99.63
		159	5795	Full	14.14	16.00	14.17	16.00	17.17	19.00	
	802.11be_80MHz MCS0	155	5775	Full	14.15	16.00	14.38	16.00	17.28	19.00	100.00
				20M/RU1	14.49	16.00	14.77	16.00	17.64	19.00	
				20M/RU2	14.52	16.00	14.80	16.00	17.67	19.00	
				20M/RU3	14.43	16.00	14.60	16.00	17.53	19.00	
				20M/RU4	14.26	16.00	14.46	16.00	17.37	19.00	
				484+242/ 1	15.70	16.00	15.80	16.00	18.76	19.00	
				484+242/ 2	15.32	16.00	15.70	16.00	18.52	19.00	
				484+242/ 3	15.75	16.00	15.87	16.00	18.82	19.00	
				484+242/ 4	15.47	16.00	15.59	16.00	18.54	19.00	

<WLAN 2.4GHz_Head Standalone>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	14.96	16.00	19.04	20.50	20.47	21.8	99.05
		6	2437	Full	14.86	16.00	19.49	20.50	20.78	21.8	
		11	2462	Full	14.62	16.00	19.22	20.50	20.51	21.8	
	802.11g 6Mbps	1	2412	Full	14.05	16.00	16.16	18.50	18.24	20.4	99.05
		6	2437	Full	14.68	16.00	17.31	18.50	19.20	20.4	
		11	2462	Full	14.66	16.00	17.10	18.50	19.06	20.4	
	802.11n-HT20 MCS0	1	2412	Full	Not Required	11.00	Not Required	11.00	Not Required	14.0	99.63
		2	2417	Full		14.00		14.00		17.0	
		3	2422	Full		16.00		18.50		20.4	
		6	2437	Full		16.00		18.50		20.4	
		11	2462	Full		16.00		18.00		20.1	
	802.11n-HT40 MCS0	3	2422	Full		16.00		17.00		19.5	99.63
		6	2437	Full		16.00		18.50		20.4	
		9	2452	Full		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		16.00		18.50		20.4	
		6	2437	Full		16.00		18.50		20.4	
		11	2462	Full		16.00		18.00		20.1	
	802.11ac-VHT40 MCS0	3	2422	Full		16.00		17.00		19.5	99.63
		6	2437	Full		16.00		18.50		20.4	
		9	2452	Full		16.00		16.00		19.0	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		16.00		18.50		20.4	
		6	2437	Full		16.00		18.50		20.4	
		11	2462	Full		16.00		17.00		19.5	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
	802.11ax-HE40 MCS0	3	2422	Full		16.00		17.00		19.5	99.63
		6	2437	Full		16.00		18.50		20.4	
		9	2452	Full		16.00		16.00		19.0	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		16.00		18.50		20.4	
		6	2437	Full		16.00		18.50		20.4	
		11	2462	Full		16.00		18.00		20.1	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		16.00		17.00		19.5	99.63
		6	2437	Full		16.00		18.50		20.4	
		9	2452	Full		16.00		16.00		19.0	

<WLAN 2.4GHz_Head Simultaneous:2.4G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	14.96	16.00	19.04	20.50	20.47	21.8	99.05
		6	2437	Full	14.86	16.00	19.49	20.50	20.78	21.8	
		11	2462	Full	14.62	16.00	19.22	20.50	20.51	21.8	
	802.11g 6Mbps	1	2412	Full	14.05	16.00	16.16	18.50	18.24	20.4	99.05
		6	2437	Full	14.68	16.00	17.31	18.50	19.20	20.4	
		11	2462	Full	14.66	16.00	17.10	18.50	19.06	20.4	
	802.11n-HT20 MCS0	1	2412	Full	Not Required	11.00	Not Required	11.00	Not Required	14.0	99.63
		2	2417	Full		14.00		14.00		17.0	
		3	2422	Full		16.00		18.50		20.4	
		6	2437	Full		16.00		18.50		20.4	
		11	2462	Full		16.00		18.00		20.1	
	802.11n-HT40 MCS0	3	2422	Full		16.00		17.00		19.5	99.63
		6	2437	Full		16.00		18.50		20.4	
		9	2452	Full		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		16.00		18.50		20.4	
		6	2437	Full		16.00		18.50		20.4	
		11	2462	Full		16.00		18.00		20.1	
	802.11ac-VHT40 MCS0	3	2422	Full		16.00		17.00		19.5	99.63
		6	2437	Full		16.00		18.50		20.4	
		9	2452	Full		16.00		16.00		19.0	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		16.00		18.50		20.4	
		6	2437	Full		16.00		18.50		20.4	
		11	2462	Full		16.00		17.00		19.5	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
	802.11ax-HE40 MCS0	3	2422	Full		16.00		17.00		19.5	99.63
		6	2437	Full		16.00		18.50		20.4	
		9	2452	Full		16.00		16.00		19.0	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		16.00		18.50		20.4	
		6	2437	Full		16.00		18.50		20.4	
		11	2462	Full		16.00		18.00		20.1	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		16.00		17.00		19.5	99.63
		6	2437	Full		16.00		18.50		20.4	
		9	2452	Full		16.00		16.00		19.0	

<WLAN 5GHz_Head Standalone>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	Not Required	17.00	Not Required	18.00	Not Required	20.5	99.05
		40	5200	Full		17.00		18.00		20.5	
		44	5220	Full		17.00		18.00		20.5	
		48	5240	Full		17.00		18.00		20.5	
	802.11n-HT20 MCS0	36	5180	Full		17.00		18.00		20.5	99.63
		40	5200	Full		17.00		18.00		20.5	
		44	5220	Full		17.00		18.00		20.5	
		48	5240	Full		17.00		18.00		20.5	
	802.11n-HT40 MCS0	38	5190	Full		17.00		19.00		21.1	99.45
		46	5230	Full		17.00		19.00		21.1	
	802.11ac-VHT20 MCS0	36	5180	Full		17.00		18.00		20.5	99.45
		40	5200	Full		17.00		18.00		20.5	
		44	5220	Full		17.00		18.00		20.5	
		48	5240	Full		17.00		18.00		20.5	
	802.11ac-VHT40 MCS0	38	5190	Full		17.00		19.00		21.1	99.63
		46	5230	Full		17.00		19.00		21.1	
	802.11ac-VHT80 MCS0	42	5210	Full	15.09	17.00	17.23	19.00	19.30	21.1	99.63
	802.11ax-HE20 MCS0	36	5180	Full		17.00		18.00		20.5	99.45
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
		40	5200	Full		17.00		18.00		20.5	
		44	5220	Full		17.00		18.00		20.5	
		48	5240	Full		17.00		18.00		20.5	
	802.11ax-HE40 MCS0	38	5190	Full		17.00		19.00		21.1	99.45
		46	5230	Full		17.00		19.00		21.1	
	802.11ax-HE80 MCS0	42	5210	Full		17.00		19.00		21.1	99.62
	802.11be_20MHz MCS0	36	5180	Full		17.00		18.00		20.5	99.81
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		40	5200	Full		17.00		18.00		20.5	
		44	5220	Full		17.00		18.00		20.5	
		48	5240	Full		17.00		18.00		20.5	
	802.11be_40MHz MCS0	38	5190	Full		17.00		19.00		21.1	99.63
		46	5230	Full		17.00		19.00		21.1	
	802.11be_80MHz MCS0	42	5210	Full		17.00		19.00		21.1	100.00
				20M/RU1		16.50		16.50		19.5	
				20M/RU2		16.50		16.50		19.5	
				20M/RU3		16.50		16.50		19.5	
				20M/RU4		16.50		16.50		19.5	
				484+242/ 1		16.50		16.50		19.5	
				484+242/ 2		16.50		16.50		19.5	
				484+242/ 3		16.50		16.50		19.5	
				484+242/ 4		16.50		16.50		19.5	

<WLAN 5GHz_Head Simultaneous:5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	Not Required	16.00	Not Required	18.00	Not Required	20.1	99.05
		40	5200	Full		16.00		18.00		20.1	
		44	5220	Full		16.00		18.00		20.1	
		48	5240	Full		16.00		18.00		20.1	
	802.11n-HT20 MCS0	36	5180	Full		16.00		18.00		20.1	99.63
		40	5200	Full		16.00		18.00		20.1	
		44	5220	Full		16.00		18.00		20.1	
		48	5240	Full		16.00		18.00		20.1	
	802.11n-HT40 MCS0	38	5190	Full		16.00		19.00		20.8	99.45
		46	5230	Full		16.00		19.00		20.8	
	802.11ac-VHT20 MCS0	36	5180	Full		16.00		18.00		20.1	99.45
		40	5200	Full		16.00		18.00		20.1	
		44	5220	Full		16.00		18.00		20.1	
		48	5240	Full		16.00		18.00		20.1	
	802.11ac-VHT40 MCS0	38	5190	Full		16.00		19.00		20.8	99.63
		46	5230	Full		16.00		19.00		20.8	
	802.11ac-VHT80 MCS0	42	5210	Full	14.11	16.00	17.23	19.00	18.95	20.8	99.63
	802.11ax-HE20 MCS0	36	5180	Full		16.00		18.00		20.1	99.45
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
		40	5200	Full		16.00		18.00		20.1	
		44	5220	Full		16.00		18.00		20.1	
		48	5240	Full		16.00		18.00		20.1	
	802.11ax-HE40 MCS0	38	5190	Full		16.00		19.00		20.8	99.45
		46	5230	Full		16.00		19.00		20.8	
	802.11ax-HE80 MCS0	42	5210	Full		16.00		19.00		20.8	99.62
	802.11be_20MHz MCS0	36	5180	Full		16.00		18.00		20.1	99.81
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		40	5200	Full		16.00		18.00		20.1	
		44	5220	Full		16.00		18.00		20.1	
		48	5240	Full		16.00		18.00		20.1	
	802.11be_40MHz MCS0	38	5190	Full		16.00		19.00		20.8	99.63
		46	5230	Full		16.00		19.00		20.8	
	802.11be_80MHz MCS0	42	5210	Full		16.00		19.00		20.8	100.00
				20M/RU1		16.00		16.50		19.3	
				20M/RU2		16.00		16.50		19.3	
				20M/RU3		16.00		16.50		19.3	
				20M/RU4		16.00		16.50		19.3	
				484+242/ 1		16.00		16.50		19.3	
				484+242/ 2		16.00		16.50		19.3	
				484+242/ 3		16.00		16.50		19.3	
				484+242/ 4		16.00		16.50		19.3	

<WLAN 5GHz_Head Standalone>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	Not Required	17.00	Not Required	19.00	Not Required	21.1	99.05
		56	5280	Full		17.00		19.00		21.1	
		60	5300	Full		17.00		19.00		21.1	
		64	5320	Full		17.00		19.00		21.1	
	802.11n-HT20 MCS0	52	5260	Full		17.00		19.00		21.1	99.63
		56	5280	Full		17.00		19.00		21.1	
		60	5300	Full		17.00		19.00		21.1	
		64	5320	Full		17.00		19.00		21.1	
	802.11n-HT40 MCS0	54	5270	Full		17.00		19.00		21.1	99.45
		62	5310	Full		17.00		19.00		21.1	
	802.11ac-VHT20 MCS0	52	5260	Full		17.00		19.00		21.1	99.45
		56	5280	Full		17.00		19.00		21.1	
		60	5300	Full		17.00		19.00		21.1	
		64	5320	Full		17.00		19.00		21.1	
	802.11ac-VHT40 MCS0	54	5270	Full		17.00		19.00		21.1	99.63
		62	5310	Full		17.00		19.00		21.1	
	802.11ac-VHT80 MCS0	58	5290	Full		17.00		19.00		21.1	99.63
	802.11ac-VHT160 MCS0	50	5250	Full	15.12	17.00	17.37	19.00	19.40	21.1	99.63
	802.11ax-HE20 MCS0	52	5260	Full		17.00		19.00		21.1	99.45
		56	5280	Full		17.00		19.00		21.1	
		60	5300	Full		17.00		19.00		21.1	
				Full		17.00		19.00		21.1	
		64	5320	26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		16.00		16.00		19.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	54	5270	Full		17.00		19.00		21.1	99.45
		62	5310	Full		17.00		19.00		21.1	
	802.11ax-HE80 MCS0	58	5290	Full		17.00		19.00		21.1	99.62
	802.11ax-HE160 MCS0	50	5250	Full		17.00		17.50		20.3	99.77
	802.11be_20MHz MCS0	52	5260	Full		17.00		19.00		21.1	99.81
		56	5280	Full		17.00		19.00		21.1	
		60	5300	Full		17.00		19.00		21.1	
				Full		17.00		19.00		21.1	
		64	5320	26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		16.00		16.00		19.0	
	802.11be_40MHz MCS0	54	5270	Full		17.00		19.00		21.1	99.63
		62	5310	Full		17.00		19.00		21.1	
	802.11be_80MHz MCS0	58	5290	Full		17.00		19.00		21.1	100.00
				20M/RU1		15.50		15.50		18.5	
				20M/RU2		15.50		15.50		18.5	
				20M/RU3		15.50		15.50		18.5	
				20M/RU4		15.50		15.50		18.5	
				484+242/ 1		13.50		13.50		16.5	
				484+242/ 2		13.50		13.50		16.5	
				484+242/ 3		13.50		13.50		16.5	
				484+242/ 4		13.50		13.50		16.5	
	802.11be_160MHz MCS0	50	5250	Full		17.00		20.3		16.00	99.55
				20M/RU1		14.00		17.0		14.00	
				20M/RU2		14.00		17.0		14.00	
				20M/RU3		14.00		17.0		14.00	
				20M/RU4		14.00		17.0		14.00	
				20M/RU5		14.00		17.0		14.00	
				20M/RU6		14.00		17.0		14.00	
				20M/RU7		14.00		17.0		14.00	
				20M/RU8		14.00		17.0		14.00	
				40M/RU1		14.00		17.0		14.00	
				40M/RU2		14.00		17.0		14.00	
				40M/RU3		14.00		17.0		14.00	
				40M/RU4		14.00		17.0		14.00	
				996+484/ 1		14.00		17.0		14.00	
				996+484/ 2		14.00		17.0		14.00	
				996+484/ 3		14.00		17.0		14.00	
				996+484/ 4		14.00		17.0		14.00	

<WLAN 5GHz_Head Simultaneous:5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	Not Required	16.00	Not Required	19.00	Not Required	20.8	99.05
		56	5280	Full		16.00		19.00		20.8	
		60	5300	Full		16.00		19.00		20.8	
		64	5320	Full		16.00		19.00		20.8	
	802.11n-HT20 MCS0	52	5260	Full		16.00		19.00		20.8	99.63
		56	5280	Full		16.00		19.00		20.8	
		60	5300	Full		16.00		19.00		20.8	
		64	5320	Full		16.00		19.00		20.8	
	802.11n-HT40 MCS0	54	5270	Full		16.00		19.00		20.8	99.45
		62	5310	Full		16.00		19.00		20.8	
	802.11ac-VHT20 MCS0	52	5260	Full		16.00		19.00		20.8	99.45
		56	5280	Full		16.00		19.00		20.8	
		60	5300	Full		16.00		19.00		20.8	
		64	5320	Full		16.00		19.00		20.8	
	802.11ac-VHT40 MCS0	54	5270	Full		16.00		19.00		20.8	99.63
		62	5310	Full		16.00		19.00		20.8	
	802.11ac-VHT80 MCS0	58	5290	Full		16.00		19.00		20.8	99.63
	802.11ac-VHT160 MCS0	50	5250	Full	14.16	16.00	17.37	19.00	19.07	20.8	99.63
	802.11ax-HE20 MCS0	52	5260	Full		16.00		19.00		20.8	99.45
		56	5280	Full		16.00		19.00		20.8	
		60	5300	Full		16.00		19.00		20.8	
				Full		16.00		19.00		20.8	
		64	5320	26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		16.00		16.00		19.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	54	5270	Full		16.00		19.00		20.8	99.45
		62	5310	Full		16.00		19.00		20.8	
	802.11ax-HE80 MCS0	58	5290	Full		16.00		19.00		20.8	99.62
	802.11ax-HE160 MCS0	50	5250	Full		16.00		17.50		19.8	99.77
	802.11be_20MHz MCS0	52	5260	Full		16.00		19.00		20.8	99.81
		56	5280	Full		16.00		19.00		20.8	
		60	5300	Full		16.00		19.00		20.8	
				Full		16.00		19.00		20.8	
		64	5320	26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		16.00		16.00		19.0	
	802.11be_40MHz MCS0	54	5270	Full		16.00		19.00		20.8	99.63
		62	5310	Full		16.00		19.00		20.8	
	802.11be_80MHz MCS0	58	5290	Full		16.00		19.00		20.8	100.00
				20M/RU1		15.50		15.50		18.5	
				20M/RU2		15.50		15.50		18.5	
				20M/RU3		15.50		15.50		18.5	
				20M/RU4		15.50		15.50		18.5	
				484+242/ 1		13.50		13.50		16.5	
				484+242/ 2		13.50		13.50		16.5	
				484+242/ 3		13.50		13.50		16.5	
				484+242/ 4		13.50		13.50		16.5	
	802.11be_160MHz MCS0	50	5250	Full		16.00		17.50		19.8	99.55
				20M/RU1		14.00		14.00		17.0	
				20M/RU2		14.00		14.00		17.0	
				20M/RU3		14.00		14.00		17.0	
				20M/RU4		14.00		14.00		17.0	
				20M/RU5		14.00		14.00		17.0	
				20M/RU6		14.00		14.00		17.0	
				20M/RU7		14.00		14.00		17.0	
				20M/RU8		14.00		14.00		17.0	
				40M/RU1		14.00		14.00		17.0	
				40M/RU2		14.00		14.00		17.0	
				40M/RU3		14.00		14.00		17.0	
				40M/RU4		14.00		14.00		17.0	
				996+484/ 1		14.00		14.00		17.0	
				996+484/ 2		14.00		14.00		17.0	
				996+484/ 3		14.00		14.00		17.0	
				996+484/ 4		14.00		14.00		17.0	

<WLAN 5GHz_Head Standalone>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	13.95	15.50	14.01	15.50	16.99	18.5	99.05
		116	5580	Full	13.72	15.50	13.86	15.50	16.80	18.5	
		124	5620	Full	13.67	15.50	13.84	15.50	16.77	18.5	
		132	5660	Full	13.64	15.50	13.82	15.50	16.74	18.5	
		140	5700	Full	13.71	15.50	13.98	15.50	16.86	18.5	
	802.11n-HT20 MCS0	100	5500	Full	13.79	15.50	14.00	15.50	16.91	18.5	99.63
		116	5580	Full	13.63	15.50	13.86	15.50	16.76	18.5	
		124	5620	Full	13.60	15.50	13.81	15.50	16.72	18.5	
		132	5660	Full	13.56	15.50	13.87	15.50	16.73	18.5	
		140	5700	Full	13.54	15.50	13.98	15.50	16.78	18.5	
	802.11n-HT40 MCS0	102	5510	Full	14.53	16.50	14.63	16.50	17.59	19.5	99.45
		110	5550	Full	14.64	16.50	14.67	16.50	17.67	19.5	
		126	5630	Full	14.61	16.50	14.66	16.50	17.65	19.5	
		134	5670	Full	14.50	16.50	14.61	16.50	17.57	19.5	
	802.11ac-VHT20 MCS0	100	5500	Full	13.87	15.50	14.03	15.50	16.96	18.5	99.45
		116	5580	Full	13.63	15.50	13.86	15.50	16.76	18.5	
		124	5620	Full	13.62	15.50	13.78	15.50	16.71	18.5	
		132	5660	Full	13.58	15.50	13.80	15.50	16.70	18.5	
		140	5700	Full	13.65	15.50	13.97	15.50	16.82	18.5	
	802.11ac-VHT40 MCS0	102	5510	Full	14.48	16.50	14.58	16.50	17.54	19.5	99.63
		110	5550	Full	14.52	16.50	14.51	16.50	17.53	19.5	
		126	5630	Full	14.48	16.50	14.54	16.50	17.52	19.5	
		134	5670	Full	14.46	16.50	14.57	16.50	17.53	19.5	
	802.11ac-VHT80 MCS0	106	5530	Full	14.58	16.50	14.65	16.50	17.63	19.5	99.63
		122	5610	Full	14.49	16.50	14.56	16.50	17.54	19.5	
	802.11ac-VHT160 MCS0	114	5570	Full	14.69	16.50	14.87	16.50	17.79	19.5	99.63
	802.11ax-HE20 MCS0	100	5500	Full	13.98	15.50	14.05	15.50	17.03	18.5	99.45
				26/0	8.10	10.00	8.20	10.00	11.16	13.0	
				52/37	11.48	13.00	11.15	13.00	14.33	16.0	
				106/53	13.98	15.50	14.10	15.50	17.05	18.5	
				52+26/38+1	8.73	10.00	8.83	10.00	11.79	13.0	
				106+26/53+4	9.13	10.00	9.06	10.00	12.11	13.0	
		116	5580	Full	13.70	15.50	13.96	15.50	16.84	18.5	
		124	5620	Full	13.68	15.50	13.91	15.50	16.81	18.5	
		132	5660	Full	13.65	15.50	13.95	15.50	16.81	18.5	
		140	5700	Full	13.59	15.50	14.03	15.50	16.83	18.5	
				8/26.	8.06	10.00	8.30	10.00	11.19	13.0	
				52/40	11.07	13.00	11.47	13.00	14.28	16.0	
				106/54	13.52	15.50	14.23	15.50	16.90	18.5	
				52+26/39+7	8.62	10.00	8.88	10.00	11.76	13.0	
				106+26/54+4	8.57	10.00	9.04	10.00	11.82	13.0	
	802.11ax-HE40 MCS0	102	5510	Full	14.58	16.50	14.63	16.50	17.62	19.5	99.45
		110	5550	Full	14.57	16.50	14.56	16.50	17.58	19.5	
		126	5630	Full	14.55	16.50	14.51	16.50	17.54	19.5	
		134	5670	Full	14.58	16.50	14.53	16.50	17.57	19.5	
		142	5710	Full	14.58	16.50	14.66	16.50	17.63	19.5	
	802.11ax-HE80 MCS0	106	5530	Full	14.63	16.50	14.68	16.50	17.67	19.5	99.62
		122	5610	Full	14.54	16.50	14.65	16.50	17.61	19.5	
	802.11ax-HE160 MCS0	114	5570	Full	14.52	16.50	14.72	16.50	17.63	19.5	99.77
	802.11be_20MHz MCS0	100	5500	Full	14.07	15.50	14.11	15.50	17.10	18.5	99.81
				26/0	8.17	10.00	8.27	10.00	11.23	13.0	
				52/37	11.60	13.00	11.21	13.00	14.42	16.0	
				106/53	14.07	15.50	14.29	15.50	17.19	18.5	
		116	5580	Full	13.75	15.50	14.06	15.50	16.92	18.5	
		124	5620	Full	13.72	15.50	14.03	15.50	16.89	18.5	
		132	5660	Full	13.75	15.50	14.12	15.50	16.95	18.5	
		140	5700	Full	13.74	15.50	14.21	15.50	16.99	18.5	
				8/26.	8.07	10.00	8.37	10.00	11.23	13.0	
				52/40	11.11	13.00	11.63	13.00	14.39	16.0	
				106/54	13.66	15.50	14.29	15.50	17.00	18.5	
	802.11be_40MHz MCS0	102	5510	Full	14.46	16.50	14.68	16.50	17.67	19.5	99.63
		110	5550	Full	14.68	16.50	14.74	16.50	17.72	19.5	
		126	5630	Full	14.62	16.50	14.71	16.50	17.68	19.5	
		134	5670	Full	14.58	16.50	14.63	16.50	17.62	19.5	
	802.11be_80MHz MCS0	106	5530	Full	14.75	16.50	14.81	16.50	17.79	19.5	100.00
				20M/RU1	15.05	16.50	15.00	16.50	18.04	19.5	
				20M/RU2	15.03	16.50	14.96	16.50	18.01	19.5	
				20M/RU3	15.06	16.50	15.01	16.50	18.05	19.5	
				20M/RU4	14.84	16.50	14.87	16.50	17.87	19.5	
				484+242/ 1	12.81	14.00	12.74	14.00	15.79	17.0	
				484+242/ 2	12.65	14.00	12.57	14.00	15.62	17.0	
				484+242/ 3	12.85	14.00	12.75	14.00	15.81	17.0	
				484+242/ 4	12.52	14.00	12.40	14.00	15.47	17.0	
		122	5610	Full	14.71	16.50	14.83	16.50	17.78	19.5	
				20M/RU1	14.92	16.50	15.16	16.50	18.05	19.5	
				20M/RU2	14.96	16.50	15.18	16.50	18.08	19.5	
				20M/RU3	14.74	16.50	14.92	16.50	17.84	19.5	
				20M/RU4	14.63	16.50	14.83	16.50	17.74	19.5	
				484+242/ 1	16.12	16.50	16.33	16.50	19.24	19.5	
				484+242/ 2	16.15	16.50	16.35	16.50	19.26	19.5	
				484+242/ 3	16.07	16.50	16.19	16.50	19.14	19.5	
				484+242/ 4	15.95	16.50	16.11	16.50	19.04	19.5	
	802.11be_160MHz MCS0	114	5570	Full	14.70	16.50	14.96	16.50	17.84	19.5	99.55
				20M/RU1	11.84	13.50	12.17	13.50	15.02	16.5	
				20M/RU2	11.77	13.50	12.05	13.50	14.92	16.5	
				20M/RU3	11.83	13.50	12.11	13.50	14.98	16.5	
				20M/RU4	11.89	13.50	12.06	13.50	14.99	16.5	
				20M/RU5	11.94	13.50	12.19	13.50	15.08	16.5	
				20M/RU6	11.89	13.50	12.17	13.50	15.04	16.5	
				20M/RU7	11.97	13.50	12.22	13.50	15.11	16.5	
				20M/RU8	11.85	13.50	12.05	13.50	14.96	16.5	
				40M/RU1	11.79	13.50	12.05	13.50	14.93	16.5	
				40M/RU2	11.96	13.50	12.11	13.50	15.05	16.5	
				40M/RU3	11.93	13.50	12.10	13.50	15.03	16.5	
				40M/RU4	11.92	13.50	12.03	13.50	14.99	16.5	
				996+484/ 1	12.88	14.00	13.03	14.00	15.97	17.0	
				996+484/ 2	13.02	14.00	13.09	14.00	16.07	17.0	
				996+484/ 3	13.01	14.00	13.16	14.00	16.10	17.0	
				996+484/ 4	12.91	14.00	13.09	14.00	16.01	17.0	

<WLAN 5GHz_Head Simultaneous:5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	13.95	15.50	14.01	15.50	16.99	18.5	99.05
		116	5580	Full	13.72	15.50	13.86	15.50	16.80	18.5	
		124	5620	Full	13.67	15.50	13.84	15.50	16.77	18.5	
		132	5660	Full	13.64	15.50	13.82	15.50	16.74	18.5	
		140	5700	Full	13.71	15.50	13.98	15.50	16.86	18.5	
	802.11n-HT20 MCS0	100	5500	Full	13.79	15.50	14.00	15.50	16.91	18.5	99.63
		116	5580	Full	13.63	15.50	13.86	15.50	16.76	18.5	
		124	5620	Full	13.60	15.50	13.81	15.50	16.72	18.5	
		132	5660	Full	13.56	15.50	13.87	15.50	16.73	18.5	
		140	5700	Full	13.54	15.50	13.98	15.50	16.78	18.5	
	802.11n-HT40 MCS0	102	5510	Full	14.53	16.50	14.63	16.50	17.59	19.5	99.45
		110	5550	Full	14.64	16.50	14.67	16.50	17.67	19.5	
		126	5630	Full	14.61	16.50	14.66	16.50	17.65	19.5	
		134	5670	Full	14.50	16.50	14.61	16.50	17.57	19.5	
	802.11ac-VHT20 MCS0	100	5500	Full	13.87	15.50	14.03	15.50	16.96	18.5	99.45
		116	5580	Full	13.63	15.50	13.86	15.50	16.76	18.5	
		124	5620	Full	13.62	15.50	13.78	15.50	16.71	18.5	
		132	5660	Full	13.58	15.50	13.80	15.50	16.70	18.5	
		140	5700	Full	13.65	15.50	13.97	15.50	16.82	18.5	
	802.11ac-VHT40 MCS0	102	5510	Full	14.48	16.50	14.58	16.50	17.54	19.5	99.63
		110	5550	Full	14.52	16.50	14.51	16.50	17.53	19.5	
		126	5630	Full	14.48	16.50	14.54	16.50	17.52	19.5	
		134	5670	Full	14.46	16.50	14.57	16.50	17.53	19.5	
	802.11ac-VHT80 MCS0	106	5530	Full	14.58	16.50	14.65	16.50	17.63	19.5	99.63
		122	5610	Full	14.49	16.50	14.56	16.50	17.54	19.5	
	802.11ac-VHT160 MCS0	114	5570	Full	14.69	16.50	14.87	16.50	17.79	19.5	99.63
	802.11ax-HE20 MCS0	100	5500	Full	13.98	15.50	14.05	15.50	17.03	18.5	99.45
				26/0	8.10	10.00	8.20	10.00	11.16	13.0	
				52/37	11.48	13.00	11.15	13.00	14.33	16.0	
				106/53	13.98	15.50	14.10	15.50	17.05	18.5	
				52+26/38+1	8.73	10.00	8.83	10.00	11.79	13.0	
				106+26/53+4	9.13	10.00	9.06	10.00	12.11	13.0	
		116	5580	Full	13.70	15.50	13.96	15.50	16.84	18.5	
		124	5620	Full	13.68	15.50	13.91	15.50	16.81	18.5	
		132	5660	Full	13.65	15.50	13.95	15.50	16.81	18.5	
		140	5700	Full	13.59	15.50	14.03	15.50	16.83	18.5	
				8/26.	8.06	10.00	8.30	10.00	11.19	13.0	
				52/40	11.07	13.00	11.47	13.00	14.28	16.0	
				106/54	13.52	15.50	14.23	15.50	16.90	18.5	
				52+26/39+7	8.62	10.00	8.88	10.00	11.76	13.0	
				106+26/54+4	8.57	10.00	9.04	10.00	11.82	13.0	
	802.11ax-HE40 MCS0	102	5510	Full	14.58	16.50	14.63	16.50	17.62	19.5	99.45
		110	5550	Full	14.57	16.50	14.56	16.50	17.58	19.5	
		126	5630	Full	14.55	16.50	14.51	16.50	17.54	19.5	
		134	5670	Full	14.58	16.50	14.53	16.50	17.57	19.5	
		142	5710	Full	14.58	16.50	14.66	16.50	17.63	19.5	
	802.11ax-HE80 MCS0	106	5530	Full	14.63	16.50	14.68	16.50	17.67	19.5	99.62
		122	5610	Full	14.54	16.50	14.65	16.50	17.61	19.5	
	802.11ax-HE160 MCS0	114	5570	Full	14.52	16.50	14.72	16.50	17.63	19.5	99.77
	802.11be_20MHz MCS0	100	5500	Full	14.07	15.50	14.11	15.50	17.10	18.5	99.81
				26/0	8.17	10.00	8.27	10.00	11.23	13.0	
				52/37	11.60	13.00	11.21	13.00	14.42	16.0	
				106/53	14.07	15.50	14.29	15.50	17.19	18.5	
		116	5580	Full	13.75	15.50	14.06	15.50	16.92	18.5	
		124	5620	Full	13.72	15.50	14.03	15.50	16.89	18.5	
		132	5660	Full	13.75	15.50	14.12	15.50	16.95	18.5	
		140	5700	Full	13.74	15.50	14.21	15.50	16.99	18.5	
				8/26.	8.07	10.00	8.37	10.00	11.23	13.0	
				52/40	11.11	13.00	11.63	13.00	14.39	16.0	
				106/54	13.66	15.50	14.29	15.50	17.00	18.5	
	802.11be_40MHz MCS0	102	5510	Full	14.46	16.50	14.68	16.50	17.67	19.5	99.63
		110	5550	Full	14.68	16.50	14.74	16.50	17.72	19.5	
		126	5630	Full	14.62	16.50	14.71	16.50	17.68	19.5	
		134	5670	Full	14.58	16.50	14.63	16.50	17.62	19.5	
	802.11be_80MHz MCS0	106	5530	Full	14.75	16.50	14.81	16.50	17.79	19.5	100.00
				20M/RU1	15.05	16.50	15.00	16.50	18.04	19.5	
				20M/RU2	15.03	16.50	14.96	16.50	18.01	19.5	
				20M/RU3	15.06	16.50	15.01	16.50	18.05	19.5	
				20M/RU4	14.84	16.50	14.87	16.50	17.87	19.5	
				484+242/ 1	12.81	14.00	12.74	14.00	15.79	17.0	
				484+242/ 2	12.65	14.00	12.57	14.00	15.62	17.0	
				484+242/ 3	12.85	14.00	12.75	14.00	15.81	17.0	
				484+242/ 4	12.52	14.00	12.40	14.00	15.47	17.0	
		122	5610	Full	14.71	16.50	14.83	16.50	17.78	19.5	
				20M/RU1	14.92	16.50	15.16	16.50	18.05	19.5	
				20M/RU2	14.96	16.50	15.18	16.50	18.08	19.5	
				20M/RU3	14.74	16.50	14.92	16.50	17.84	19.5	
				20M/RU4	14.63	16.50	14.83	16.50	17.74	19.5	
				484+242/ 1	16.12	16.50	16.33	16.50	19.24	19.5	
				484+242/ 2	16.15	16.50	16.35	16.50	19.26	19.5	
				484+242/ 3	16.07	16.50	16.19	16.50	19.14	19.5	
				484+242/ 4	15.95	16.50	16.11	16.50	19.04	19.5	
	802.11be_160MHz MCS0	114	5570	Full	14.70	16.50	14.96	16.50	17.84	19.5	99.55
				20M/RU1	11.84	13.50	12.17	13.50	15.02	16.5	
				20M/RU2	11.77	13.50	12.05	13.50	14.92	16.5	
				20M/RU3	11.83	13.50	12.11	13.50	14.98	16.5	
				20M/RU4	11.89	13.50	12.06	13.50	14.99	16.5	
				20M/RU5	11.94	13.50	12.19	13.50	15.08	16.5	
				20M/RU6	11.89	13.50	12.17	13.50	15.04	16.5	
				20M/RU7	11.97	13.50	12.22	13.50	15.11	16.5	
				20M/RU8	11.85	13.50	12.05	13.50	14.96	16.5	
				40M/RU1	11.79	13.50	12.05	13.50	14.93	16.5	
				40M/RU2	11.96	13.50	12.11	13.50	15.05	16.5	
				40M/RU3	11.93	13.50	12.10	13.50	15.03	16.5	
				40M/RU4	11.92	13.50	12.03	13.50	14.99	16.5	
				996+484/ 1	12.88	14.00	13.03	14.00	15.97	17.0	
				996+484/ 2	13.02	14.00	13.09	14.00	16.07	17.0	
				996+484/ 3	13.01	14.00	13.16	14.00	16.10	17.0	
				996+484/ 4	12.91	14.00	13.09	14.00	16.01	17.0	

<WLAN 5GHz_Head Standalone>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	13.37	15.00	13.39	15.00	16.39	18.0	99.05
		157	5785	Full	13.27	15.00	13.34	15.00	16.32	18.0	
		165	5825	Full	12.99	15.00	13.29	15.00	16.15	18.0	
	802.11n-HT20 MCS0	149	5745	Full	13.36	15.00	13.44	15.00	16.41	18.0	99.63
		157	5785	Full	13.37	15.00	13.37	15.00	16.38	18.0	
		165	5825	Full	13.00	15.00	13.27	15.00	16.15	18.0	
	802.11n-HT40 MCS0	151	5755	Full	14.04	16.00	14.15	16.00	17.11	19.0	99.45
		159	5795	Full	14.04	16.00	14.06	16.00	17.06	19.0	
	802.11ac-VHT20 MCS0	149	5745	Full	13.27	15.00	13.51	15.00	16.40	18.0	99.45
		157	5785	Full	13.13	15.00	13.34	15.00	16.25	18.0	
		165	5825	Full	13.00	15.00	13.29	15.00	16.16	18.0	
	802.11ac-VHT40 MCS0	151	5755	Full	13.98	16.00	14.07	16.00	17.04	19.0	99.63
		159	5795	Full	14.07	16.00	14.13	16.00	17.11	19.0	
	802.11ac-VHT80 MCS0	155	5775	Full	14.02	16.00	14.11	16.00	17.08	19.0	99.63
	802.11ax-HE20 MCS0	149	5745	Full	13.41	15.00	13.56	15.00	16.50	18.0	99.63
				26/0	8.14	10.00	8.05	10.00	11.11	13.0	
				52/37	11.44	13.00	11.34	13.00	14.40	16.0	
				106/53	13.24	15.00	13.32	15.00	16.29	18.0	
				52+26/38+1	8.89	10.00	8.74	10.00	11.83	13.0	
				106+26/53+4	9.15	10.00	9.01	10.00	12.09	13.0	
		157	5785	Full	13.26	15.00	13.40	15.00	16.34	18.0	
		165	5825	Full	13.03	15.00	13.36	15.00	16.21	18.0	
				26/8	7.05	10.00	8.04	10.00	10.58	13.0	
				52/40	11.05	13.00	11.22	13.00	14.15	16.0	
				106/54	13.04	15.00	13.31	15.00	16.19	18.0	
				52+26/39+7	8.42	10.00	8.40	10.00	11.42	13.0	
				106+26/54+4	8.66	10.00	8.68	10.00	11.68	13.0	
	802.11ax-HE40 MCS0	151	5755	Full	14.08	16.00	14.16	16.00	17.13	19.0	99.45
		159	5795	Full	14.01	16.00	14.08	16.00	17.06	19.0	
	802.11ax-HE80 MCS0	155	5775	Full	14.05	16.00	14.25	16.00	17.16	19.0	99.62
	802.11be_20MHz MCS0	149	5745	Full	13.42	15.00	13.65	15.00	16.55	18.0	99.81
				26/0	8.19	10.00	8.07	10.00	11.14	13.0	
				52/37	11.57	13.00	11.38	13.00	14.49	16.0	
				106/53	13.36	15.00	13.44	15.00	16.41	18.0	
		157	5785	Full	13.37	15.00	13.54	15.00	16.47	18.0	
		165	5825	Full	13.13	15.00	13.38	15.00	16.27	18.0	
				26/8	8.09	10.00	8.06	10.00	11.09	13.0	
				52/40	11.10	13.00	11.27	13.00	14.20	16.0	
				106/54	13.10	15.00	13.32	15.00	16.22	18.0	
	802.11be_40MHz MCS0	151	5755	Full	14.18	16.00	14.21	16.00	17.21	19.0	99.63
		159	5795	Full	14.14	16.00	14.17	16.00	17.17	19.0	
	802.11be_80MHz MCS0	155	5775	Full	14.15	16.00	14.38	16.00	17.28	19.0	100.00
				20M/RU1	14.49	16.00	14.77	16.00	17.64	19.0	
				20M/RU2	14.52	16.00	14.80	16.00	17.67	19.0	
				20M/RU3	14.43	16.00	14.60	16.00	17.53	19.0	
				20M/RU4	14.26	16.00	14.46	16.00	17.37	19.0	
				484+242/ 1	15.70	16.00	15.80	16.00	18.76	19.0	
				484+242/ 2	15.32	16.00	15.70	16.00	18.52	19.0	
				484+242/ 3	15.75	16.00	15.87	16.00	18.82	19.0	
				484+242/ 4	15.47	16.00	15.59	16.00	18.54	19.0	

<WLAN 5GHz_Head Simultaneous:5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	13.37	15.00	13.39	15.00	16.39	18.0	99.05
		157	5785	Full	13.27	15.00	13.34	15.00	16.32	18.0	
		165	5825	Full	12.99	15.00	13.29	15.00	16.15	18.0	
	802.11n-HT20 MCS0	149	5745	Full	13.36	15.00	13.44	15.00	16.41	18.0	99.63
		157	5785	Full	13.37	15.00	13.37	15.00	16.38	18.0	
		165	5825	Full	13.00	15.00	13.27	15.00	16.15	18.0	
	802.11n-HT40 MCS0	151	5755	Full	14.04	16.00	14.15	16.00	17.11	19.0	99.45
		159	5795	Full	14.04	16.00	14.06	16.00	17.06	19.0	
	802.11ac-VHT20 MCS0	149	5745	Full	13.27	15.00	13.51	15.00	16.40	18.0	99.45
		157	5785	Full	13.13	15.00	13.34	15.00	16.25	18.0	
		165	5825	Full	13.00	15.00	13.29	15.00	16.16	18.0	
	802.11ac-VHT40 MCS0	151	5755	Full	13.98	16.00	14.07	16.00	17.04	19.0	99.63
		159	5795	Full	14.07	16.00	14.13	16.00	17.11	19.0	
	802.11ac-VHT80 MCS0	155	5775	Full	14.02	16.00	14.11	16.00	17.08	19.0	99.63
	802.11ax-HE20 MCS0	149	5745	Full	13.41	15.00	13.56	15.00	16.50	18.0	99.63
				26/0	8.14	10.00	8.05	10.00	11.11	13.0	
				52/37	11.44	13.00	11.34	13.00	14.40	16.0	
				106/53	13.24	15.00	13.32	15.00	16.29	18.0	
				52+26/38+1	8.89	10.00	8.74	10.00	11.83	13.0	
				106+26/53+4	9.15	10.00	9.01	10.00	12.09	13.0	
		157	5785	Full	13.26	15.00	13.40	15.00	16.34	18.0	
		165	5825	Full	13.03	15.00	13.36	15.00	16.21	18.0	
				26/8	7.05	10.00	8.04	10.00	10.58	13.0	
				52/40	11.05	13.00	11.22	13.00	14.15	16.0	
				106/54	13.04	15.00	13.31

<WLAN 2.4GHz_Head Simultaneous:2.4G +5G/6G/WWAN+2.4G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	10.96	12.00	16.04	17.50	17.21	18.6	99.05
		6	2437	Full	10.86	12.00	16.49	17.50	17.54	18.6	
		11	2462	Full	10.62	12.00	16.20	17.50	17.26	18.6	
	802.11g 6Mbps	1	2412	Full	Not Required	12.00	Not Required	17.50	Not Required	18.6	99.05
		6	2437	Full		12.00		17.50		18.6	
		11	2462	Full		12.00		17.50		18.6	
	802.11n-HT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		12.00		14.00		16.1	
		3	2422	Full		12.00		17.50		18.6	
		6	2437	Full		12.00		17.50		18.6	
		11	2462	Full		12.00		17.50		18.6	
	802.11n-HT40 MCS0	3	2422	Full		12.00		17.00		18.2	99.63
		6	2437	Full		12.00		17.50		18.6	
		9	2452	Full		12.00		16.00		17.5	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		12.00		14.50		16.4	
		3	2422	Full		12.00		17.50		18.6	
		6	2437	Full		12.00		17.50		18.6	
		11	2462	Full		12.00		17.50		18.6	
	802.11ac-VHT40 MCS0	3	2422	Full		12.00		17.00		18.2	99.63
		6	2437	Full		12.00		17.50		18.6	
		9	2452	Full		12.00		16.00		17.5	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.00		12.50		15.3	
				106/53		12.00		15.50		17.1	
		2	2417	Full		12.00		14.50		16.4	
		3	2422	Full		12.00		17.50		18.6	
		6	2437	Full		12.00		17.50		18.6	
		11	2462	Full		12.00		17.00		18.2	
				26/8		9.50		9.50		12.5	
				52/40		12.00		12.50		15.3	
				106/54		12.00		15.50		17.1	
	802.11ax-HE40 MCS0	3	2422	Full		12.00		17.00		18.2	99.63
		6	2437	Full		12.00		17.50		18.6	
		9	2452	Full		12.00		16.00		17.5	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.00		12.50		15.3	
				106/53		12.00		15.50		17.1	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		12.00		14.50		16.4	
		3	2422	Full		12.00		17.50		18.6	
		6	2437	Full		12.00		17.50		18.6	
		11	2462	Full		12.00		17.00		18.2	
				26/8		9.50		9.50		12.5	
				52/40		12.00		12.50		15.3	
				106/54		12.00		15.50		17.1	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		12.00		17.00		18.2	99.63
		6	2437	Full		12.00		17.50		18.6	
		9	2452	Full		12.00		16.00		17.5	

<WLAN 2.4GHz_Head Simultaneous:2.4G+5G/6G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	12.96	14.00	17.61	19.00	18.89	20.2	99.05
		6	2437	Full	12.86	14.00	18.06	19.00	19.21	20.2	
		11	2462	Full	12.65	14.00	17.75	19.00	18.92	20.2	
	802.11g 6Mbps	1	2412	Full	Not Required	14.00	Not Required	18.50	Not Required	19.8	99.05
		6	2437	Full		14.00		18.50		19.8	
		11	2462	Full		14.00		18.50		19.8	
	802.11n-HT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.00		14.00		17.0	
		3	2422	Full		14.00		18.50		19.8	
		6	2437	Full		14.00		18.50		19.8	
		11	2462	Full		14.00		18.00		19.5	
	802.11n-HT40 MCS0	3	2422	Full		14.00		17.00		18.8	99.63
		6	2437	Full		14.00		18.50		19.8	
		9	2452	Full		14.00		16.00		18.1	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.00		14.50		17.3	
		3	2422	Full		14.00		18.50		19.8	
		6	2437	Full		14.00		18.50		19.8	
		11	2462	Full		14.00		18.00		19.5	
	802.11ac-VHT40 MCS0	3	2422	Full		14.00		17.00		18.8	99.63
		6	2437	Full		14.00		18.50		19.8	
		9	2452	Full		14.00		16.00		18.1	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		14.00		15.50		17.8	
		2	2417	Full		14.00		14.50		17.3	
		3	2422	Full		14.00		18.50		19.8	
		6	2437	Full		14.00		18.50		19.8	
		11	2462	Full		14.00		17.00		18.8	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		14.00		15.50		17.8	
	802.11ax-HE40 MCS0	3	2422	Full		14.00		17.00		18.8	99.63
		6	2437	Full		14.00		18.50		19.8	
		9	2452	Full		14.00		16.00		18.1	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		14.00		15.50		17.8	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		14.00		14.50		17.3	
		3	2422	Full		14.00		18.50		19.8	
		6	2437	Full		14.00		18.50		19.8	
		11	2462	Full		14.00		18.00		19.5	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		14.00		15.50		17.8	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		14.00		17.00		18.8	99.63
		6	2437	Full		14.00		18.50		19.8	
		9	2452	Full		14.00		16.00		18.1	

<WLAN 5GHz_Head Simultaneous:2.4G+5G/2.4G+5G+BT/WWAN+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	Not Required	15.00	Not Required	18.00	Not Required	19.8	99.05
		40	5200	Full		15.00		18.00		19.8	
		44	5220	Full		15.00		18.00		19.8	
		48	5240	Full		15.00		18.00		19.8	
	802.11n-HT20 MCS0	36	5180	Full		15.00		18.00		19.8	99.63
		40	5200	Full		15.00		18.00		19.8	
		44	5220	Full		15.00		18.00		19.8	
		48	5240	Full		15.00		18.00		19.8	
	802.11n-HT40 MCS0	38	5190	Full		15.00		19.00		20.5	99.45
		46	5230	Full		15.00		19.00		20.5	
	802.11ac-VHT20 MCS0	36	5180	Full		15.00		18.00		19.8	99.45
		40	5200	Full		15.00		18.00		19.8	
		44	5220	Full		15.00		18.00		19.8	
		48	5240	Full		15.00		18.00		19.8	
	802.11ac-VHT40 MCS0	38	5190	Full		15.00		19.00		20.5	99.63
		46	5230	Full		15.00		19.00		20.5	
	802.11ac-VHT80 MCS0	42	5210	Full	13.13	15.00	17.23	19.00	18.66	20.5	99.63
	802.11ax-HE20 MCS0	36	5180	Full		15.00		18.00		19.8	99.45
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
		40	5200	Full		15.00		18.00		19.8	
		44	5220	Full		15.00		18.00		19.8	
		48	5240	Full		15.00		18.00		19.8	
	802.11ax-HE40 MCS0	38	5190	Full		15.00		19.00		20.5	99.45
		46	5230	Full		15.00		19.00		20.5	
	802.11ax-HE80 MCS0	42	5210	Full		15.00		19.00		20.5	99.62
	802.11be_20MHz MCS0	36	5180	Full		15.00		18.00		19.8	99.81
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		40	5200	Full		15.00		18.00		19.8	
		44	5220	Full		15.00		18.00		19.8	
		48	5240	Full		15.00		18.00		19.8	
	802.11be_40MHz MCS0	38	5190	Full		15.00		19.00		20.5	99.63
		46	5230	Full		15.00		19.00		20.5	
	802.11be_80MHz MCS0	42	5210	Full		15.00		19.00		20.5	100.00
				20M/RU1		15.00		16.50		18.8	
				20M/RU2		15.00		16.50		18.8	
				20M/RU3		15.00		16.50		18.8	
				20M/RU4		15.00		16.50		18.8	
				484+242/ 1		15.00		16.50		18.8	
				484+242/ 2		15.00		16.50		18.8	
				484+242/ 3		15.00		16.50		18.8	
				484+242/ 4		15.00		16.50		18.8	

<WLAN 5GHz_Head Simultaneous:2.4G+5G/2.4G+5G+BT/WWAN+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	Not Required	10.00	Not Required	18.00	Not Required	18.6	99.05
		40	5200	Full		10.00		18.00		18.6	
		44	5220	Full		10.00		18.00		18.6	
		48	5240	Full		10.00		18.00		18.6	
	802.11n-HT20 MCS0	40	5200	Full		10.00		18.00		18.6	99.63
		44	5220	Full		10.00		18.00		18.6	
		48	5240	Full		10.00		18.00		18.6	
	802.11n-HT40 MCS0	38	5190	Full		10.00		19.00		19.5	99.45
		46	5230	Full		10.00		19.00		19.5	
	802.11ac-VHT20 MCS0	40	5200	Full		10.00		18.00		18.6	99.45
		44	5220	Full		10.00		18.00		18.6	
		48	5240	Full		10.00		18.00		18.6	
	802.11ac-VHT40 MCS0	38	5190	Full		10.00		19.00		19.5	99.63
		46	5230	Full		10.00		19.00		19.5	
	802.11ac-VHT80 MCS0	42	5210	Full	8.13	10.00	17.23	19.00	17.73	19.5	99.63
	802.11ax-HE20 MCS0	36	5180	Full		10.00		18.00		18.6	99.45
				26/0		8.50		8.50		11.5	
				52/37		10.00		11.50		13.8	
				106/53		10.00		14.00		15.5	
		40	5200	Full		10.00		18.00		18.6	
		44	5220	Full		10.00		18.00		18.6	
		48	5240	Full		10.00		18.00		18.6	
	802.11ax-HE40 MCS0	38	5190	Full		10.00		19.00		19.5	99.45
		46	5230	Full		10.00		19.00		19.5	
	802.11ax-HE80 MCS0	42	5210	Full		10.00		19.00		19.5	99.62
	802.11be_20MHz MCS0	36	5180	Full		10.00		18.00		18.6	99.81
				26/0		8.50		8.50		11.5	
				52/37		10.00		11.50		13.8	
				106/53		10.00		14.00		15.5	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		40	5200	Full		10.00		18.00		18.6	
		44	5220	Full		10.00		18.00		18.6	
		48	5240	Full		10.00		18.00		18.6	
	802.11be_40MHz MCS0	38	5190	Full		10.00		19.00		19.5	99.63
		46	5230	Full		10.00		19.00		19.5	
	802.11be_80MHz MCS0	42	5210	Full		10.00		19.00		19.5	100.00
				20M/RU1		10.00		16.50		17.4	
				20M/RU2		10.00		16.50		17.4	
				20M/RU3		10.00		16.50		17.4	
				20M/RU4		10.00		16.50		17.4	
				484+242/ 1		10.00		16.50		17.4	
				484+242/ 2		10.00		16.50		17.4	
				484+242/ 3		10.00		16.50		17.4	
				484+242/ 4		10.00		16.50		17.4	

<WLAN 5GHz_Head Simultaneous:2.4G+5G/2.4G+5G+BT/WWAN+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	Not Required	15.00	Not Required	19.00	Not Required	19.5	99.05
		56	5280	Full		15.00		19.00		19.5	
		60	5300	Full		15.00		19.00		19.5	
		64	5320	Full		15.00		19.00		19.5	
	802.11n-HT20 MCS0	52	5260	Full		15.00		19.00		19.5	99.63
		56	5280	Full		15.00		19.00		19.5	
		60	5300	Full		15.00		19.00		19.5	
		64	5320	Full		15.00		19.00		19.5	
	802.11n-HT40 MCS0	54	5270	Full		15.00		19.00		19.5	99.45
		62	5310	Full		15.00		19.00		19.5	
	802.11ac-VHT20 MCS0	52	5260	Full		15.00		19.00		19.5	99.45
		56	5280	Full		15.00		19.00		19.5	
		60	5300	Full		15.00		19.00		19.5	
		64	5320	Full		15.00		19.00		19.5	
	802.11ac-VHT40 MCS0	54	5270	Full		15.00		19.00		19.5	99.63
		62	5310	Full		15.00		19.00		19.5	
	802.11ac-VHT80 MCS0	58	5290	Full		15.00		19.00		19.5	99.63
	802.11ac-VHT160 MCS0	50	5250	Full	13.21	15.00	17.37	19.00	18.78	20.5	99.63
	802.11ax-HE20 MCS0	52	5260	Full		15.00		19.00		20.5	99.45
		56	5280	Full		15.00		19.00		20.5	
		60	5300	Full		15.00		19.00		20.5	
				Full		15.00		19.00		20.5	
		64	5320	26/8.		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		15.00		16.00		18.5	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	54	5270	Full		15.00		19.00		20.5	99.45
		62	5310	Full		15.00		19.00		20.5	
	802.11ax-HE80 MCS0	58	5290	Full		15.00		19.00		20.5	99.62
	802.11ax-HE160 MCS0	50	5250	Full		15.00		17.50		19.4	99.77
	802.11be_20MHz MCS0	52	5260	Full		15.00		19.00		20.5	99.81
		56	5280	Full		15.00		19.00		20.5	
		60	5300	Full		15.00		19.00		20.5	
				Full		15.00		19.00		20.5	
		64	5320	26/8.		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		15.00		16.00		18.5	
	802.11be_40MHz MCS0	54	5270	Full		15.00		19.00		20.5	99.63
		62	5310	Full		15.00		19.00		20.5	
	802.11be_80MHz MCS0	58	5290	Full		15.00		19.00		20.5	100.00
				20M/RU1		15.00		15.50		18.3	
				20M/RU2		15.00		15.50		18.3	
				20M/RU3		15.00		15.50		18.3	
				20M/RU4		15.00		15.50		18.3	
				484+242/ 1		13.50		13.50		16.5	
				484+242/ 2		13.50		13.50		16.5	
				484+242/ 3		13.50		13.50		16.5	
				484+242/ 4		13.50		13.50		16.5	
	802.11be_160MHz MCS0	50	5250	Full		15.00		17.50		19.4	99.55
				20M/RU1		14.00		14.00		17.0	
				20M/RU2		14.00		14.00		17.0	
				20M/RU3		14.00		14.00		17.0	
				20M/RU4		14.00		14.00		17.0	
				20M/RU5		14.00		14.00		17.0	
				20M/RU6		14.00		14.00		17.0	
				20M/RU7		14.00		14.00		17.0	
				20M/RU8		14.00		14.00		17.0	
				40M/RU1		14.00		14.00		17.0	
				40M/RU2		14.00		14.00		17.0	
				40M/RU3		14.00		14.00		17.0	
				40M/RU4		14.00		14.00		17.0	
				996+484/ 1		14.00		14.00		17.0	
				996+484/ 2		14.00		14.00		17.0	
				996+484/ 3		14.00		14.00		17.0	
				996+484/ 4		14.00		14.00		17.0	

<WLAN 5GHz_Head Simultaneous:2.4G+5G/2.4G+5G+BT/WWAN+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	Not Required	10.00	Not Required	19.00	Not Required	19.5	99.05
		56	5280	Full		10.00		19.00		19.5	
		60	5300	Full		10.00		19.00		19.5	
		64	5320	Full		10.00		19.00		19.5	
	802.11n-HT20 MCS0	52	5260	Full		10.00		19.00		19.5	99.63
		56	5280	Full		10.00		19.00		19.5	
		60	5300	Full		10.00		19.00		19.5	
		64	5320	Full		10.00		19.00		19.5	
	802.11n-HT40 MCS0	54	5270	Full		10.00		19.00		19.5	99.45
		62	5310	Full		10.00		19.00		19.5	
	802.11ac-VHT20 MCS0	52	5260	Full		10.00		19.00		19.5	99.45
		56	5280	Full		10.00		19.00		19.5	
		60	5300	Full		10.00		19.00		19.5	
		64	5320	Full		10.00		19.00		19.5	
	802.11ac-VHT40 MCS0	54	5270	Full		10.00		19.00		19.5	99.63
		62	5310	Full		10.00		19.00		19.5	
	802.11ac-VHT80 MCS0	58	5290	Full		10.00		19.00		19.5	99.63
	802.11ac-VHT160 MCS0	50	5250	Full	8.23	10.00	17.37	19.00	17.87	19.5	99.63
	802.11ax-HE20 MCS0	52	5260	Full		10.00		19.00		19.5	99.45
		56	5280	Full		10.00		19.00		19.5	
		60	5300	Full		10.00		19.00		19.5	
				Full		10.00		19.00		19.5	
		64	5320	26/8.		10.00		10.00		13.0	
				52/40		10.00		13.00		14.8	
				106/54		10.00		16.00		17.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	54	5270	Full		10.00		19.00		19.5	99.45
		62	5310	Full		10.00		19.00		19.5	
	802.11ax-HE80 MCS0	58	5290	Full		10.00		19.00		19.5	99.62
	802.11ax-HE160 MCS0	50	5250	Full		10.00		17.50		18.2	99.77
	802.11be_20MHz MCS0	52	5260	Full		10.00		19.00		19.5	99.81
		56	5280	Full		10.00		19.00		19.5	
		60	5300	Full		10.00		19.00		19.5	
				Full		10.00		19.00		19.5	
		64	5320	26/8.		10.00		10.00		13.0	
				52/40		10.00		13.00		14.8	
				106/54		10.00		16.00		17.0	
	802.11be_40MHz MCS0	54	5270	Full		10.00		19.00		19.5	99.63
		62	5310	Full		10.00		19.00		19.5	
	802.11be_80MHz MCS0	58	5290	Full		10.00		19.00		19.5	100.00
				20M/RU1		10.00		15.50		16.6	
				20M/RU2		10.00		15.50		16.6	
				20M/RU3		10.00		15.50		16.6	
				20M/RU4		10.00		15.50		16.6	
				484+242/ 1		10.00		13.50		15.1	
				484+242/ 2		10.00		13.50		15.1	
				484+242/ 3		10.00		13.50		15.1	
				484+242/ 4		10.00		13.50		15.1	
	802.11be_160MHz MCS0	50	5250	Full		10.00		17.50		18.2	99.55
				20M/RU1		10.00		14.00		15.5	
				20M/RU2		10.00		14.00		15.5	
				20M/RU3		10.00		14.00		15.5	
				20M/RU4		10.00		14.00		15.5	
				20M/RU5		10.00		14.00		15.5	
				20M/RU6		10.00		14.00		15.5	
				20M/RU7		10.00		14.00		15.5	
				20M/RU8		10.00		14.00		15.5	
				40M/RU1		10.00		14.00		15.5	
				40M/RU2		10.00		14.00		15.5	
				40M/RU3		10.00		14.00		15.5	
				40M/RU4		10.00		14.00		15.5	
				996+484/ 1		10.00		14.00		15.5	
				996+484/ 2		10.00		14.00		15.5	
				996+484/ 3		10.00		14.00		15.5	
				996+484/ 4		10.00		14.00		15.5	

<WLAN 5GHz_Head Simultaneous:2.4G+5G/2.4G+5G+BT/WWAN+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	13.95	15.50	14.01	15.50	16.99	18.5	99.05
		116	5580	Full	13.72	15.50	13.86	15.50	16.80	18.5	
		124	5620	Full	13.67	15.50	13.84	15.50	16.77	18.5	
		132	5660	Full	13.64	15.50	13.82	15.50	16.74	18.5	
		140	5700	Full	13.71	15.50	13.98	15.50	16.86	18.5	
	802.11n-HT20 MCS0	100	5500	Full	13.79	15.50	14.00	15.50	16.91	18.5	99.63
		116	5580	Full	13.63	15.50	13.86	15.50	16.76	18.5	
		124	5620	Full	13.60	15.50	13.81	15.50	16.72	18.5	
		132	5660	Full	13.56	15.50	13.87	15.50	16.73	18.5	
		140	5700	Full	13.54	15.50	13.98	15.50	16.78	18.5	
	802.11n-HT40 MCS0	102	5510	Full	14.53	16.50	14.63	16.50	17.59	19.5	99.45
		110	5550	Full	14.64	16.50	14.67	16.50	17.67	19.5	
		126	5630	Full	14.61	16.50	14.66	16.50	17.65	19.5	
		134	5670	Full	14.50	16.50	14.61	16.50	17.57	19.5	
	802.11ac-VHT20 MCS0	100	5500	Full	13.87	15.50	14.03	15.50	16.96	18.5	99.45
		116	5580	Full	13.63	15.50	13.86	15.50	16.76	18.5	
		124	5620	Full	13.62	15.50	13.78	15.50	16.71	18.5	
		132	5660	Full	13.58	15.50	13.80	15.50	16.70	18.5	
		140	5700	Full	13.65	15.50	13.97	15.50	16.82	18.5	
	802.11ac-VHT40 MCS0	102	5510	Full	14.48	16.50	14.58	16.50	17.54	19.5	99.63
		110	5550	Full	14.52	16.50	14.51	16.50	17.53	19.5	
		126	5630	Full	14.48	16.50	14.54	16.50	17.52	19.5	
		134	5670	Full	14.46	16.50	14.57	16.50	17.53	19.5	
	802.11ac-VHT80 MCS0	106	5530	Full	14.58	16.50	14.65	16.50	17.63	19.5	99.63
		122	5610	Full	14.49	16.50	14.56	16.50	17.54	19.5	
	802.11ac-VHT160 MCS0	114	5570	Full	14.69	16.50	14.87	16.50	17.79	19.5	99.63
	802.11ax-HE20 MCS0	100	5500	Full	13.98	15.50	14.05	15.50	17.03	18.5	99.45
				26/0	8.10	10.00	8.20	10.00	11.16	13.0	
				52/37	11.48	13.00	11.15	13.00	14.33	16.0	
				106/53	13.98	15.50	14.10	15.50	17.05	18.5	
				52+26/38+1	8.73	10.00	8.83	10.00	11.79	13.0	
				106+26/53+4	9.13	10.00	9.06	10.00	12.11	13.0	
		116	5580	Full	13.70	15.50	13.96	15.50	16.84	18.5	
		124	5620	Full	13.68	15.50	13.91	15.50	16.81	18.5	
		132	5660	Full	13.65	15.50	13.95	15.50	16.81	18.5	
		140	5700	Full	13.59	15.50	14.03	15.50	16.83	18.5	
				8/26.	8.06	10.00	8.30	10.00	11.19	13.0	
				52/40	11.07	13.00	11.47	13.00	14.28	16.0	
				106/54	13.52	15.50	14.23	15.50	16.90	18.5	
				52+26/39+7	8.62	10.00	8.88	10.00	11.76	13.0	
				106+26/54+4	8.57	10.00	9.04	10.00	11.82	13.0	
	802.11ax-HE40 MCS0	102	5510	Full	14.58	16.50	14.63	16.50	17.62	19.5	99.45
		110	5550	Full	14.57	16.50	14.56	16.50	17.58	19.5	
		126	5630	Full	14.55	16.50	14.51	16.50	17.54	19.5	
		134	5670	Full	14.58	16.50	14.53	16.50	17.57	19.5	
		142	5710	Full	14.58	16.50	14.66	16.50	17.63	19.5	
	802.11ax-HE80 MCS0	106	5530	Full	14.63	16.50	14.68	16.50	17.67	19.5	99.62
		122	5610	Full	14.54	16.50	14.65	16.50	17.61	19.5	
	802.11ax-HE160 MCS0	114	5570	Full	14.52	16.50	14.72	16.50	17.63	19.5	99.77
	802.11be_20MHz MCS0	100	5500	Full	14.07	15.50	14.11	15.50	17.10	18.5	99.81
				26/0	8.17	10.00	8.27	10.00	11.23	13.0	
				52/37	11.60	13.00	11.21	13.00	14.42	16.0	
				106/53	14.07	15.50	14.29	15.50	17.19	18.5	
		116	5580	Full	13.75	15.50	14.06	15.50	16.92	18.5	
		124	5620	Full	13.72	15.50	14.03	15.50	16.89	18.5	
		132	5660	Full	13.75	15.50	14.12	15.50	16.95	18.5	
		140	5700	Full	13.74	15.50	14.21	15.50	16.99	18.5	
				8/26.	8.07	10.00	8.37	10.00	11.23	13.0	
				52/40	11.11	13.00	11.63	13.00	14.39	16.0	
				106/54	13.66	15.50	14.29	15.50	17.00	18.5	
	802.11be_40MHz MCS0	102	5510	Full	14.46	16.50	14.68	16.50	17.67	19.5	99.63
		110	5550	Full	14.68	16.50	14.74	16.50	17.72	19.5	
		126	5630	Full	14.62	16.50	14.71	16.50	17.68	19.5	
		134	5670	Full	14.58	16.50	14.63	16.50	17.62	19.5	
	802.11be_80MHz MCS0	106	5530	Full	14.75	16.50	14.81	16.50	17.79	19.5	100.00
				20M/RU1	15.05	16.50	15.00	16.50	18.04	19.5	
				20M/RU2	15.03	16.50	14.96	16.50	18.01	19.5	
				20M/RU3	15.06	16.50	15.01	16.50	18.05	19.5	
				20M/RU4	14.84	16.50	14.87	16.50	17.87	19.5	
				484+242/ 1	12.81	14.00	12.74	14.00	15.79	17.0	
				484+242/ 2	12.65	14.00	12.57	14.00	15.62	17.0	
				484+242/ 3	12.85	14.00	12.75	14.00	15.81	17.0	
				484+242/ 4	12.52	14.00	12.40	14.00	15.47	17.0	
		122	5610	Full	14.71	16.50	14.83	16.50	17.78	19.5	
				20M/RU1	14.92	16.50	15.16	16.50	18.05	19.5	
				20M/RU2	14.96	16.50	15.18	16.50	18.08	19.5	
				20M/RU3	14.74	16.50	14.92	16.50	17.84	19.5	
				20M/RU4	14.63	16.50	14.83	16.50	17.74	19.5	
				484+242/ 1	16.12	16.50	16.33	16.50	19.24	19.5	
				484+242/ 2	16.15	16.50	16.35	16.50	19.26	19.5	
				484+242/ 3	16.07	16.50	16.19	16.50	19.14	19.5	
				484+242/ 4	15.95	16.50	16.11	16.50	19.04	19.5	
	802.11be_160MHz MCS0	114	5570	Full	14.70	16.50	14.96	16.50	17.84	19.5	99.55
				20M/RU1	11.84	13.50	12.17	13.50	15.02	16.5	
				20M/RU2	11.77	13.50	12.05	13.50	14.92	16.5	
				20M/RU3	11.83	13.50	12.11	13.50	14.98	16.5	
				20M/RU4	11.89	13.50	12.06	13.50	14.99	16.5	
				20M/RU5	11.94	13.50	12.19	13.50	15.08	16.5	
				20M/RU6	11.89	13.50	12.17	13.50	15.04	16.5	
				20M/RU7	11.97	13.50	12.22	13.50	15.11	16.5	
				20M/RU8	11.85	13.50	12.05	13.50	14.96	16.5	
				40M/RU1	11.79	13.50	12.05	13.50	14.93	16.5	
				40M/RU2	11.96	13.50	12.11	13.50	15.05	16.5	
				40M/RU3	11.93	13.50	12.10	13.50	15.03	16.5	
				40M/RU4	11.92	13.50	12.03	13.50	14.99	16.5	
				996+484/ 1	12.88	14.00	13.03	14.00	15.97	17.0	
				996+484/ 2	13.02	14.00	13.09	14.00	16.07	17.0	
				996+484/ 3	13.01	14.00	13.16	14.00	16.10	17.0	
				996+484/ 4	12.91	14.00	13.09	14.00	16.01	17.0	

<WLAN 5GHz_Head Simultaneous:WWAN+2.4G+5G+BT/WWAN+2.4G+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	Not Required	12.50	Not Required	15.50	Not Required	17.3	99.05
		116	5580	Full		12.50		15.50		17.3	
		124	5620	Full		12.50		15.50		17.3	
		132	5660	Full		12.50		15.50		17.3	
		140	5700	Full		12.50		15.50		17.3	
	802.11n-HT20 MCS0	100	5500	Full		12.50		15.50		17.3	99.63
		116	5580	Full		12.50		15.50		17.3	
		124	5620	Full		12.50		15.50		17.3	
		132	5660	Full		12.50		15.50		17.3	
		140	5700	Full		12.50		15.50		17.3	
	802.11n-HT40 MCS0	102	5510	Full		12.50		16.50		18.0	99.45
		110	5550	Full		12.50		16.50		18.0	
		126	5630	Full		12.50		16.50		18.0	
		134	5670	Full		12.50		16.50		18.0	
	802.11ac-VHT20 MCS0	100	5500	Full		12.50		15.50		17.3	99.45
		116	5580	Full		12.50		15.50		17.3	
		124	5620	Full		12.50		15.50		17.3	
		132	5660	Full		12.50		15.50		17.3	
		140	5700	Full		12.50		15.50		17.3	
	802.11ac-VHT40 MCS0	102	5510	Full		12.50		16.50		18.0	99.63
		110	5550	Full		12.50		16.50		18.0	
		126	5630	Full		12.50		16.50		18.0	
		134	5670	Full		12.50		16.50		18.0	
	802.11ac-VHT80 MCS0	106	5530	Full		12.50		16.50		18.0	99.63
		122	5610	Full		12.50		16.50		18.0	
	802.11ac-VHT160 MCS0	114	5570	Full	10.73	12.50	14.87	16.50	16.29	18.0	99.63
	802.11ax-HE20 MCS0	100	5500	Full		12.50		15.50		17.3	99.45
				26/0		10.00		10.00		13.0	
				52/37		12.50		13.00		15.8	
				106/53		12.50		15.50		17.3	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		116	5580	Full		12.50		15.50		17.3	
		124	5620	Full		12.50		15.50		17.3	
		132	5660	Full		12.50		15.50		17.3	
		140	5700	Full		12.50		15.50		17.3	
				8/26.		10.00		10.00		13.0	
				52/40		12.50		13.00		15.8	
				106/54		12.50		15.50		17.3	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	102	5510	Full		12.50		16.50		18.0	99.45
		110	5550	Full		12.50		16.50		18.0	
		126	5630	Full		12.50		16.50		18.0	
		134	5670	Full		12.50		16.50		18.0	
		142	5710	Full		12.50		16.50		18.0	
	802.11ax-HE80 MCS0	106	5530	Full		12.50		16.50		18.0	99.62
		122	5610	Full		12.50		16.50		18.0	
	802.11ax-HE160 MCS0	114	5570	Full		12.50		16.50		18.0	99.77
	802.11be_20MHz MCS0	100	5500	Full		12.50		15.50		17.3	99.81
				26/0		10.00		10.00		13.0	
				52/37		12.50		13.00		15.8	
				106/53		12.50		15.50		17.3	
		116	5580	Full		12.50		15.50		17.3	
		124	5620	Full		12.50		15.50		17.3	
		132	5660	Full		12.50		15.50		17.3	
		140	5700	Full		12.50		15.50		17.3	
				8/26.		10.00		10.00		13.0	
				52/40		12.50		13.00		15.8	
				106/54		12.50		15.50		17.3	
	802.11be_40MHz MCS0	102	5510	Full		12.50		16.50		18.0	99.63
		110	5550	Full		12.50		16.50		18.0	
		126	5630	Full		12.50		16.50		18.0	
		134	5670	Full		12.50		16.50		18.0	
	802.11be_80MHz MCS0	106	5530	Full		12.50		16.50		18.0	100.00
				20M/RU1		12.50		16.50		18.0	
				20M/RU2		12.50		16.50		18.0	
				20M/RU3		12.50		16.50		18.0	
				20M/RU4		12.50		16.50		18.0	
				484+242/ 1		12.50		14.00		16.3	
				484+242/ 2		12.50		14.00		16.3	
				484+242/ 3		12.50		14.00		16.3	
				484+242/ 4		12.50		14.00		16.3	
		122	5610	Full		12.50		16.50		18.0	
				20M/RU1		12.50		16.50		18.0	
				20M/RU2		12.50		16.50		18.0	
				20M/RU3		12.50		16.50		18.0	
				20M/RU4		12.50		16.50		18.0	
				484+242/ 1		12.50		16.50		18.0	
				484+242/ 2		12.50		16.50		18.0	
				484+242/ 3		12.50		16.50		18.0	
				484+242/ 4		12.50		16.50		18.0	
	802.11be_160MHz MCS0	114	5570	Full		12.50		16.50		18.0	99.55
				20M/RU1		12.50		13.50		16.0	
				20M/RU2		12.50		13.50		16.0	
				20M/RU3		12.50		13.50		16.0	
				20M/RU4		12.50		13.50		16.0	
				20M/RU5		12.50		13.50		16.0	
				20M/RU6		12.50		13.50		16.0	
				20M/RU7		12.50		13.50		16.0	
				20M/RU8		12.50		13.50		16.0	
				40M/RU1		12.50		13.50		16.0	
				40M/RU2		12.50		13.50		16.0	
				40M/RU3		12.50		13.50		16.0	
				40M/RU4		12.50		13.50		16.0	
				996+484/ 1		12.50		14.00		16.3	
				996+484/ 2		12.50		14.00		16.3	
				996+484/ 3		12.50		14.00		16.3	
				996+484/ 4		12.50		14.00		16.3	

<WLAN 5GHz_Head Simultaneous:2.4G+5G/2.4G+5G+BT/WWAN+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	Not Required	15.00	Not Required	15.00	Not Required	18.0	99.05
		157	5785	Full		15.00		15.00		18.0	
		165	5825	Full		15.00		15.00		18.0	
	802.11n-HT20 MCS0	149	5745	Full		15.00		15.00		18.0	99.63
		157	5785	Full		15.00		15.00		18.0	
		165	5825	Full		15.00		15.00		18.0	
	802.11n-HT40 MCS0	151	5755	Full		16.00		16.00		19.0	99.45
		159	5795	Full		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	149	5745	Full		15.00		15.00		18.0	99.45
		157	5785	Full		15.00		15.00		18.0	
		165	5825	Full		15.00		15.00		18.0	
	802.11ac-VHT40 MCS0	151	5755	Full		16.00		16.00		19.0	99.63
		159	5795	Full		16.00		16.00		19.0	
	802.11ac-VHT80 MCS0	155	5775	Full	13.14	15.00	14.11	16.00	16.66	18.5	99.63
	802.11ax-HE20 MCS0	149	5745	Full		15.00		15.00		18.0	99.63
				26/0		10.00		10.00		13.0	
				52/37		13.00		13.00		16.0	
				106/53		15.00		15.00		18.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		157	5785	Full		15.00		15.00		18.0	
		165	5825	Full		15.00		15.00		18.0	
				26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		15.00		15.00		18.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	151	5755	Full		16.00		16.00		19.0	99.45
		159	5795	Full		16.00		16.00		19.0	
	802.11ax-HE80 MCS0	155	5775	Full		16.00		16.00		19.0	99.62
	802.11be_20MHz MCS0	149	5745	Full		15.00		15.00		18.0	99.81
				26/0		10.00		10.00		13.0	
				52/37		13.00		13.00		16.0	
				106/53		15.00		15.00		18.0	
		157	5785	Full		15.00		15.00		18.0	
		165	5825	Full		15.00		15.00		18.0	
				26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		15.00		15.00		18.0	
	802.11be_40MHz MCS0	151	5755	Full		16.00		16.00		19.0	99.63
		159	5795	Full		16.00		16.00		19.0	
	802.11be_80MHz MCS0	155	5775	Full		16.00		16.00		19.0	100.00
				20M/RU1		16.00		16.00		19.0	
				20M/RU2		16.00		16.00		19.0	
				20M/RU3		16.00		16.00		19.0	
				20M/RU4		16.00		16.00		19.0	
				484+242/ 1		16.00		16.00		19.0	
				484+242/ 2		16.00		16.00		19.0	
				484+242/ 3		16.00		16.00		19.0	
				484+242/ 4		16.00		16.00		19.0	

<WLAN 5GHz_Head Simultaneous:WWAN+2.4G+5G+BT/WWAN+2.4G+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	Not Required	10.00	Not Required	15.00	Not Required	16.2	99.05
		157	5785	Full		10.00		15.00		16.2	
		165	5825	Full		10.00		15.00		16.2	
	802.11n-HT20 MCS0	149	5745	Full		10.00		15.00		16.2	99.63
		157	5785	Full		10.00		15.00		16.2	
		165	5825	Full		10.00		15.00		16.2	
	802.11n-HT40 MCS0	151	5755	Full		10.00		16.00		17.0	99.45
		159	5795	Full		10.00		16.00		17.0	
	802.11ac-VHT20 MCS0	149	5745	Full		10.00		15.00		16.2	99.45
		157	5785	Full		10.00		15.00		16.2	
		165	5825	Full		10.00		15.00		16.2	
	802.11ac-VHT40 MCS0	151	5755	Full		10.00		16.00		17.0	99.63
		159	5795	Full		10.00		16.00		17.0	
	802.11ac-VHT80 MCS0	155	5775	Full	8.19	10.00	14.11	16.00	15.10	17.0	99.63
	802.11ax-HE20 MCS0	149	5745	Full		10.00		15.00		16.2	99.63
				26/0		10.00		10.00		13.0	
				52/37		10.00		13.00		14.8	
				106/53		10.00		15.00		16.2	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		157	5785	Full		10.00		15.00		16.2	
		165	5825	Full		10.00		15.00		16.2	
				26/8		10.00		10.00		13.0	
				52/40		10.00		13.00		14.8	
				106/54		10.00		15.00		16.2	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	151	5755	Full		10.00		16.00		17.0	99.45
		159	5795	Full		10.00		16.00		17.0	
	802.11ax-HE80 MCS0	155	5775	Full		10.00		16.00		17.0	99.62
	802.11be_20MHz MCS0	149	5745	Full		10.00		15.00		16.2	99.81
				26/0		10.00		10.00		13.0	
				52/37		10.00		13.00		14.8	
				106/53		10.00		15.00		16.2	
		157	5785	Full		10.00		15.00		16.2	
		165	5825	Full		10.00		15.00		16.2	
				26/8		10.00		10.00		13.0	
				52/40		10.00		13.00		14.8	
				106/54		10.00		15.00		16.2	
	802.11be_40MHz MCS0	151	5755	Full		10.00		16.00		17.0	99.63
		159	5795	Full		10.00		16.00		17.0	
	802.11be_80MHz MCS0	155	5775	Full		10.00		16.00		17.0	100.00
				20M/RU1		10.00		16.00		17.0	
				20M/RU2		10.00		16.00		17.0	
				20M/RU3		10.00		16.00		17.0	
				20M/RU4		10.00		16.00		17.0	
				484+242/ 1		10.00		16.00		17.0	
				484+242/ 2		10.00		16.00		17.0	
				484+242/ 3		10.00		16.00		17.0	
				484+242/ 4		10.00		16.00		17.0	

<WLAN 2.4GHz_Head Simultaneous:WWAN+2.4G+5G+BT/WWAN+2.4G+5G>

					Ant 12		Ant 7		Ant 12+7		
	Mode	Channel	Frequency (MHz)	RU Config.	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	Full	7.96	9.00	11.04	12.50	12.78	14.1	99.05
		6	2437	Full	7.86	9.00	11.49	12.50	13.05	14.1	
		11	2462	Full	7.61	9.00	11.19	12.50	12.77	14.1	
	802.11g 6Mbps	1	2412	Full	Not Required	9.00	Not Required	12.50	Not Required	14.1	99.05
		6	2437	Full		9.00		12.50		14.1	
		11	2462	Full		9.00		12.50		14.1	
	802.11n-HT20 MCS0	1	2412	Full		9.00		11.00		13.1	99.63
		2	2417	Full		9.00		12.50		14.1	
		3	2422	Full		9.00		12.50		14.1	
		6	2437	Full		9.00		12.50		14.1	
		11	2462	Full		9.00		12.50		14.1	
	802.11n-HT40 MCS0	3	2422	Full		9.00		12.50		14.1	99.63
		6	2437	Full		9.00		12.50		14.1	
		9	2452	Full		9.00		12.50		14.1	
	802.11ac-VHT20 MCS0	1	2412	Full		9.00		11.00		13.1	99.63
		2	2417	Full		9.00		12.50		14.1	
		3	2422	Full		9.00		12.50		14.1	
		6	2437	Full		9.00		12.50		14.1	
		11	2462	Full		9.00		12.50		14.1	
	802.11ac-VHT40 MCS0	3	2422	Full		9.00		12.50		14.1	99.63
		6	2437	Full		9.00		12.50		14.1	
		9	2452	Full		9.00		12.50		14.1	
	802.11ax-HE20 MCS0	1	2412	Full		9.00		11.00		13.1	99.63
				26/0		9.00		9.50		12.3	
				52/37		9.00		12.50		14.1	
				106/53		9.00		12.50		14.1	
		2	2417	Full		9.00		12.50		14.1	
		3	2422	Full		9.00		12.50		14.1	
		6	2437	Full		9.00		12.50		14.1	
		11	2462	Full		9.00		12.50		14.1	
				26/8		9.00		9.50		12.3	
				52/40		9.00		12.50		14.1	
				106/54		9.00		12.50		14.1	
	802.11ax-HE40 MCS0	3	2422	Full		9.00		12.50		14.1	99.63
		6	2437	Full		9.00		12.50		14.1	
		9	2452	Full		9.00		12.50		14.1	
	802.11be_20MHz MCS0	1	2412	Full		9.00		11.00		13.1	99.63
				26/0		9.00		9.50		12.3	
				52/37		9.00		12.50		14.1	
				106/53		9.00		12.50		14.1	
				52+26/38+1		9.00		9.50		12.3	
				106+26/53+4		9.00		9.50		12.3	
		2	2417	Full		9.00		12.50		14.1	
		3	2422	Full		9.00		12.50		14.1	
		6	2437	Full		9.00		12.50		14.1	
		11	2462	Full		9.00		12.50		14.1	
				26/8		9.00		9.50		12.3	
				52/40		9.00		12.50		14.1	
				106/54		9.00		12.50		14.1	
				52+26/39+7		9.00		9.50		12.3	
				106+26/54+4		9.00		9.50		12.3	
	802.11be_40MHz MCS0	3	2422	Full		9.00		12.50		14.1	99.63
		6	2437	Full		9.00		12.50		14.1	
		9	2452	Full		9.00		12.50		14.1	

<WLAN 2.4GHz_Standalone>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	19.37	20.50	19.04	20.50	22.22	23.5	99.05
		6	2437	Full	19.30	20.50	19.49	20.50	22.41	23.5	
		11	2462	Full	19.15	20.50	19.22	20.50	22.20	23.5	
	802.11g 6Mbps	1	2412	Full	Not Required	18.50	Not Required	18.50	Not Required	21.5	99.05
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		18.50		18.50		21.5	
	802.11n-HT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.00		14.00		17.0	
		3	2422	Full		18.50		18.50		21.5	
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		18.00		18.00		21.0	
	802.11n-HT40 MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		18.50		18.50		21.5	
		9	2452	Full		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		18.50		18.50		21.5	
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		18.00		18.00		21.0	
	802.11ac-VHT40 MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		18.50		18.50		21.5	
		9	2452	Full		16.00		16.00		19.0	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		18.50		18.50		21.5	
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		17.00		17.00		20.0	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
	802.11ax-HE40 MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		18.50		18.50		21.5	
		9	2452	Full		16.00		16.00		19.0	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		18.50		18.50		21.5	
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		18.00		18.00		21.0	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		18.50		18.50		21.5	
		9	2452	Full		16.00		16.00		19.0	

<WLAN 2.4GHz_Simultaneous:2.4G+BT/2.4G+5G/WWAN+2.4G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	16.33	17.50	16.09	17.50	19.22	20.5	99.05
		6	2437	Full	16.37	17.50	16.49	17.50	19.44	20.5	
		11	2462	Full	16.18	17.50	16.25	17.50	19.23	20.5	
	802.11g 6Mbps	1	2412	Full	Not Required	17.50	Not Required	17.50	Not Required	20.5	99.05
		6	2437	Full		17.50		17.50		20.5	
		11	2462	Full		17.50		17.50		20.5	
	802.11n-HT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.00		14.00		17.0	
		3	2422	Full		17.50		17.50		20.5	
		6	2437	Full		17.50		17.50		20.5	
		11	2462	Full		17.50		17.50		20.5	
	802.11n-HT40 MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		17.50		17.50		20.5	
		9	2452	Full		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		17.50		17.50		20.5	
		6	2437	Full		17.50		17.50		20.5	
		11	2462	Full		17.50		17.50		20.5	
	802.11ac-VHT40 MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		17.50		17.50		20.5	
		9	2452	Full		16.00		16.00		19.0	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		17.50		17.50		20.5	
		6	2437	Full		17.50		17.50		20.5	
		11	2462	Full		17.50		17.50		20.5	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
	802.11ax-HE40 MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		17.50		17.50		20.5	
		9	2452	Full		16.00		16.00		19.0	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		17.50		17.50		20.5	
		6	2437	Full		17.50		17.50		20.5	
		11	2462	Full		17.50		17.50		20.5	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		17.50		17.50		20.5	
		9	2452	Full		16.00		16.00		19.0	

<WLAN 5GHz_Standalone>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	16.21	18.00	16.63	18.00	19.44	21.00	99.05
		40	5200	Full	16.16	18.00	16.52	18.00	19.35	21.00	
		44	5220	Full	16.24	18.00	16.56	18.00	19.41	21.00	
		48	5240	Full	16.21	18.00	16.55	18.00	19.39	21.00	
	802.11n-HT20 MCS0	36	5180	Full	16.26	18.00	16.80	18.00	19.55	21.00	99.63
		40	5200	Full	16.28	18.00	16.55	18.00	19.43	21.00	
		44	5220	Full	16.35	18.00	16.66	18.00	19.52	21.00	
		48	5240	Full	16.35	18.00	16.67	18.00	19.52	21.00	
	802.11n-HT40 MCS0	38	5190	Full	17.07	19.00	17.32	19.00	20.21	22.00	99.45
		46	5230	Full	17.07	19.00	17.19	19.00	20.14	22.00	
	802.11ac-VHT20 MCS0	36	5180	Full	16.27	18.00	16.76	18.00	19.53	21.00	99.45
		40	5200	Full	16.22	18.00	16.52	18.00	19.38	21.00	
		44	5220	Full	16.31	18.00	16.61	18.00	19.47	21.00	
		48	5240	Full	16.30	18.00	16.64	18.00	19.48	21.00	
	802.11ac-VHT40 MCS0	38	5190	Full	17.03	19.00	17.24	19.00	20.15	22.00	99.63
		46	5230	Full	17.06	19.00	17.19	19.00	20.14	22.00	
	802.11ac-VHT80 MCS0	42	5210	Full	17.05	19.00	17.23	19.00	20.15	22.00	99.63
	802.11ax-HE20 MCS0	36	5180	Full	16.31	18.00	16.77	18.00	19.56	21.00	99.45
				26/0	6.87	8.50	6.67	8.50	9.78	11.50	
				52/37	9.51	11.50	9.74	11.50	12.64	14.50	
				106/53	12.27	14.00	13.04	14.00	15.68	17.00	
		40	5200	Full	16.33	18.00	16.59	18.00	19.47	21.00	
		44	5220	Full	16.43	18.00	16.64	18.00	19.55	21.00	
		48	5240	Full	16.30	18.00	16.59	18.00	19.46	21.00	
	802.11ax-HE40 MCS0	38	5190	Full	17.07	19.00	17.26	19.00	20.18	22.00	99.45
		46	5230	Full	17.11	19.00	17.22	19.00	20.18	22.00	
	802.11ax-HE80 MCS0	42	5210	Full	17.13	19.00	17.25	19.00	20.20	22.00	99.62
	802.11be_20MHz MCS0	36	5180	Full	16.34	18.00	16.82	18.00	19.60	21.00	99.81
				26/0	6.93	8.50	6.73	8.50	9.84	11.50	
				52/37	9.58	11.50	9.77	11.50	12.69	14.50	
				106/53	12.33	14.00	13.07	14.00	15.73	17.00	
				52+26/38+1	8.97	10.00	8.41	10.00	11.71	13.00	
				106+26/53+4	9.07	10.00	8.43	10.00	11.77	13.00	
		40	5200	Full	16.35	18.00	16.62	18.00	19.50	21.00	
		44	5220	Full	16.46	18.00	16.69	18.00	19.59	21.00	
		48	5240	Full	16.36	18.00	16.72	18.00	19.55	21.00	
	802.11be_40MHz MCS0	38	5190	Full	17.10	19.00	17.37	19.00	20.25	22.00	99.63
		46	5230	Full	17.13	19.00	17.24	19.00	20.20	22.00	
	802.11be_80MHz MCS0	42	5210	Full	17.20	19.00	17.40	19.00	20.31	22.00	100.00
				20M/RU1	15.00	16.50	15.31	16.50	18.17	19.50	
				20M/RU2	14.81	16.50	15.16	16.50	18.00	19.50	
				20M/RU3	15.03	16.50	15.38	16.50	18.22	19.50	
				20M/RU4	14.80	16.50	15.13	16.50	17.98	19.50	
				484+242/ 1	15.24	16.50	15.52	16.50	18.39	19.50	
				484+242/ 2	14.80	16.50	15.54	16.50	18.20	19.50	
				484+242/ 3	15.38	16.50	15.57	16.50	18.49	19.50	
				484+242/ 4	15.05	16.50	15.41	16.50	18.25	19.50	

<WLAN 5GHz_Simultaneous:2.4G +5G/5G+BT/WWAN+5G/BT+2.4G +5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	Not Required	18.00	Not Required	18.00	Not Required	21.0	99.05
		40	5200	Full		18.00		18.00		21.0	
		44	5220	Full		18.00		18.00		21.0	
		48	5240	Full		18.00		18.00		21.0	
	802.11n-HT20 MCS0	36	5180	Full		18.00		18.00		21.0	99.63
		40	5200	Full		18.00		18.00		21.0	
		44	5220	Full		18.00		18.00		21.0	
		48	5240	Full		18.00		18.00		21.0	
	802.11n-HT40 MCS0	38	5190	Full		18.00		18.00		21.0	99.45
		46	5230	Full		18.00		18.00		21.0	
	802.11ac-VHT20 MCS0	36	5180	Full		18.00		18.00		21.0	99.45
		40	5200	Full		18.00		18.00		21.0	
		44	5220	Full		18.00		18.00		21.0	
		48	5240	Full		18.00		18.00		21.0	
	802.11ac-VHT40 MCS0	38	5190	Full		18.00		18.00		21.0	99.63
		46	5230	Full		18.00		18.00		21.0	
	802.11ac-VHT80 MCS0	42	5210	Full	16.11	18.00	16.26	18.00	19.20	21.0	99.63
	802.11ax-HE20 MCS0	36	5180	Full		18.00		18.00		21.0	99.45
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
		40	5200	Full		18.00		18.00		21.0	
		44	5220	Full		18.00		18.00		21.0	
		48	5240	Full		18.00		18.00		21.0	
	802.11ax-HE40 MCS0	38	5190	Full		18.00		18.00		21.0	99.45
		46	5230	Full		18.00		18.00		21.0	
	802.11ax-HE80 MCS0	42	5210	Full		18.00		18.00		21.0	99.62
	802.11be_20MHz MCS0	36	5180	Full		18.00		18.00		21.0	99.81
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		40	5200	Full		18.00		18.00		21.0	
		44	5220	Full		18.00		18.00		21.0	
		48	5240	Full		18.00		18.00		21.0	
	802.11be_40MHz MCS0	38	5190	Full		18.00		18.00		21.0	99.63
		46	5230	Full		18.00		18.00		21.0	
	802.11be_80MHz MCS0	42	5210	Full		18.00		18.00		21.0	100.00
				20M/RU1		16.50		16.50		19.5	
				20M/RU2		16.50		16.50		19.5	
				20M/RU3		16.50		16.50		19.5	
				20M/RU4		16.50		16.50		19.5	
				484+242/ 1		16.50		16.50		19.5	
				484+242/ 2		16.50		16.50		19.5	
				484+242/ 3		16.50		16.50		19.5	
				484+242/ 4		16.50		16.50		19.5	

<WLAN 5GHz_Standalone>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	Not Required	14.00	Not Required	14.00	Not Required	17.0	99.05
		157	5785	Full		14.00		14.00		17.0	
		165	5825	Full		14.00		14.00		17.0	
	802.11n-HT20 MCS0	149	5745	Full		14.00		14.00		17.0	99.63
		157	5785	Full		14.00		14.00		17.0	
		165	5825	Full		14.00		14.00		17.0	
	802.11n-HT40 MCS0	151	5755	Full		14.00		14.00		17.0	99.45
		159	5795	Full		14.00		14.00		17.0	
	802.11ac-VHT20 MCS0	149	5745	Full		14.00		14.00		17.0	99.45
		157	5785	Full		14.00		14.00		17.0	
		165	5825	Full		14.00		14.00		17.0	
	802.11ac-VHT40 MCS0	151	5755	Full		14.00		14.00		17.0	99.63
		159	5795	Full		14.00		14.00		17.0	
	802.11ac-VHT80 MCS0	155	5775	Full	12.01	14.00	12.13	14.00	15.08	17.0	99.63
	802.11ax-HE20 MCS0	149	5745	Full		14.00		14.00		17.0	99.63
				26/0		10.00		10.00		13.0	
				52/37		13.00		13.00		16.0	
				106/53		14.00		14.00		17.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		157	5785	Full		14.00		14.00		17.0	
		165	5825	Full		14.00		14.00		17.0	
				26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		14.00		14.00		17.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	151	5755	Full		14.00		14.00		17.0	99.45
		159	5795	Full		14.00		14.00		17.0	
	802.11ax-HE80 MCS0	155	5775	Full		14.00		14.00		17.0	99.62
	802.11be_20MHz MCS0	149	5745	Full		14.00		14.00		17.0	99.81
				26/0		10.00		10.00		13.0	
				52/37		13.00		13.00		16.0	
				106/53		14.00		14.00		17.0	
		157	5785	Full		14.00		14.00		17.0	
				Full		14.00		14.00		17.0	
		165	5825	26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		14.00		14.00		17.0	
	802.11be_40MHz MCS0	151	5755	Full		14.00		14.00		17.0	99.63
		159	5795	Full		14.00		14.00		17.0	
	802.11be_80MHz MCS0	155	5775	Full		14.00		14.00		17.0	100.00
				20M/RU1		14.00		14.00		17.0	
				20M/RU2		14.00		14.00		17.0	
				20M/RU3		14.00		14.00		17.0	
				20M/RU4		14.00		14.00		17.0	
				484+242/ 1		14.00		14.00		17.0	
				484+242/ 2		14.00		14.00		17.0	
				484+242/ 3		14.00		14.00		17.0	
				484+242/ 4		14.00		14.00		17.0	

<WLAN 5GHz_Simultaneous:2.4G +5G/5G+BT/WWAN+5G/BT+2.4G +5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	Not Required	12.00	Not Required	12.00	Not Required	15.0	99.05
		157	5785	Full		12.00		12.00		15.0	
		165	5825	Full		12.00		12.00		15.0	
	802.11n-HT20 MCS0	149	5745	Full		12.00		12.00		15.0	99.63
		157	5785	Full		12.00		12.00		15.0	
		165	5825	Full		12.00		12.00		15.0	
	802.11n-HT40 MCS0	151	5755	Full		12.00		12.00		15.0	99.45
		159	5795	Full		12.00		12.00		15.0	
	802.11ac-VHT20 MCS0	149	5745	Full		12.00		12.00		15.0	99.45
		157	5785	Full		12.00		12.00		15.0	
		165	5825	Full		12.00		12.00		15.0	
	802.11ac-VHT40 MCS0	151	5755	Full		12.00		12.00		15.0	99.63
		159	5795	Full		12.00		12.00		15.0	
	802.11ac-VHT80 MCS0	155	5775	Full	10.12	12.00	10.21	12.00	13.18	15.0	99.63
	802.11ax-HE20 MCS0	149	5745	Full		12.00		12.00		15.0	99.63
				26/0		10.00		10.00		13.0	
				52/37		12.00		12.00		15.0	
				106/53		12.00		12.00		15.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		157	5785	Full		12.00		12.00		15.0	
		165	5825	Full		12.00		12.00		15.0	
				26/8		10.00		10.00		13.0	
				52/40		12.00		12.00		15.0	
				106/54		12.00		12.00		15.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	151	5755	Full		12.00		12.00		15.0	99.45
		159	5795	Full		12.00		12.00		15.0	
	802.11ax-HE80 MCS0	155	5775	Full		12.00		12.00		15.0	99.62
	802.11be_20MHz MCS0	149	5745	Full		12.00		12.00		15.0	99.81
				26/0		10.00		10.00		13.0	
				52/37		12.00		12.00		15.0	
				106/53		12.00		12.00		15.0	
		157	5785	Full		12.00		12.00		15.0	
				Full		12.00		12.00		15.0	
		165	5825	26/8		10.00		10.00		13.0	
				52/40		12.00		12.00		15.0	
				106/54		12.00		12.00		15.0	
	802.11be_40MHz MCS0	151	5755	Full		12.00		12.00		15.0	99.63
		159	5795	Full		12.00		12.00		15.0	
	802.11be_80MHz MCS0	155	5775	Full		12.00		12.00		15.0	100.00
				20M/RU1		12.00		12.00		15.0	
				20M/RU2		12.00		12.00		15.0	
				20M/RU3		12.00		12.00		15.0	
				20M/RU4		12.00		12.00		15.0	
				484+242/ 1		12.00		12.00		15.0	
				484+242/ 2		12.00		12.00		15.0	
				484+242/ 3		12.00		12.00		15.0	
				484+242/ 4		12.00		12.00		15.0	

<WLAN 2.4GHz_Simultaneous:WWAN+2.4G+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	13.54	14.50	13.38	14.50	16.47	17.5	99.05
		6	2437	Full	13.44	14.50	13.53	14.50	16.50	17.5	
		11	2462	Full	13.23	14.50	13.56	14.50	16.41	17.5	
	802.11g 6Mbps	1	2412	Full	Not Required	14.50	Not Required	14.50	Not Required	17.5	99.05
		6	2437	Full		14.50		14.50		17.5	
		11	2462	Full		14.50		14.50		17.5	
	802.11n-HT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.00		14.00		17.0	
		3	2422	Full		14.50		14.50		17.5	
		6	2437	Full		14.50		14.50		17.5	
		11	2462	Full		14.50		14.50		17.5	
	802.11n-HT40 MCS0	3	2422	Full		14.50		14.50		17.5	99.63
		6	2437	Full		14.50		14.50		17.5	
		9	2452	Full		14.50		14.50		17.5	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		14.50		14.50		17.5	
		6	2437	Full		14.50		14.50		17.5	
		11	2462	Full		14.50		14.50		17.5	
	802.11ac-VHT40 MCS0	3	2422	Full		14.50		14.50		17.5	99.63
		6	2437	Full		14.50		14.50		17.5	
		9	2452	Full		14.50		14.50		17.5	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		14.50		14.50		17.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		14.50		14.50		17.5	
		6	2437	Full		14.50		14.50		17.5	
		11	2462	Full		14.50		14.50		17.5	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		14.50		14.50		17.5	
	802.11ax-HE40 MCS0	3	2422	Full		14.50		14.50		17.5	99.63
		6	2437	Full		14.50		14.50		17.5	
		9	2452	Full		14.50		14.50		17.5	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		14.50		14.50		17.5	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		14.50		14.50		17.5	
		6	2437	Full		14.50		14.50		17.5	
		11	2462	Full		14.50		14.50		17.5	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		14.50		14.50		17.5	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		14.50		14.50		17.5	99.63
		6	2437	Full		14.50		14.50		17.5	
		9	2452	Full		14.50		14.50		17.5	

<WLAN 5GHz_Simultaneous:WWAN+2.4G+5G /WWAN+2.4G+5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	Not Required	15.50	Not Required	15.50	Not Required	18.5	99.05
		40	5200	Full		15.50		15.50		18.5	
		44	5220	Full		15.50		15.50		18.5	
		48	5240	Full		15.50		15.50		18.5	
	802.11n-HT20 MCS0	36	5180	Full		15.50		15.50		18.5	99.63
		40	5200	Full		15.50		15.50		18.5	
		44	5220	Full		15.50		15.50		18.5	
		48	5240	Full		15.50		15.50		18.5	
	802.11n-HT40 MCS0	38	5190	Full		15.50		15.50		18.5	99.45
		46	5230	Full		15.50		15.50		18.5	
	802.11ac-VHT20 MCS0	36	5180	Full		15.50		15.50		18.5	99.45
		40	5200	Full		15.50		15.50		18.5	
		44	5220	Full		15.50		15.50		18.5	
		48	5240	Full		15.50		15.50		18.5	
	802.11ac-VHT40 MCS0	38	5190	Full		15.50		15.50		18.5	99.63
		46	5230	Full		15.50		15.50		18.5	
	802.11ac-VHT80 MCS0	42	5210	Full	13.59	15.50	13.76	15.50	16.69	18.5	99.63
	802.11ax-HE20 MCS0	36	5180	Full		15.50		15.50		18.5	99.45
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
		40	5200	Full		15.50		15.50		18.5	
		44	5220	Full		15.50		15.50		18.5	
		48	5240	Full		15.50		15.50		18.5	
	802.11ax-HE40 MCS0	38	5190	Full		15.50		15.50		18.5	99.45
		46	5230	Full		15.50		15.50		18.5	
	802.11ax-HE80 MCS0	42	5210	Full		15.50		15.50		18.5	99.62
	802.11be_20MHz MCS0	36	5180	Full		15.50		15.50		18.5	99.81
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		40	5200	Full		15.50		15.50		18.5	
		44	5220	Full		15.50		15.50		18.5	
		48	5240	Full		15.50		15.50		18.5	
	802.11be_40MHz MCS0	38	5190	Full		15.50		15.50		18.5	99.63
		46	5230	Full		15.50		15.50		18.5	
	802.11be_80MHz MCS0	42	5210	Full		15.50		15.50		18.5	100.00
				20M/RU1		15.50		15.50		18.5	
				20M/RU2		15.50		15.50		18.5	
				20M/RU3		15.50		15.50		18.5	
				20M/RU4		15.50		15.50		18.5	
				484+242/ 1		15.50		15.50		18.5	
				484+242/ 2		15.50		15.50		18.5	
				484+242/ 3		15.50		15.50		18.5	
				484+242/ 4		15.50		15.50		18.5	

<WLAN 5GHz_Simultaneous:WWAN+2.4G+5G /WWAN+2.4G+5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	Not Required	9.00	Not Required	9.00	Not Required	12.0	99.05
		157	5785	Full		9.00		9.00		12.0	
		165	5825	Full		9.00		9.00		12.0	
	802.11n-HT20 MCS0	149	5745	Full		9.00		9.00		12.0	99.63
		157	5785	Full		9.00		9.00		12.0	
		165	5825	Full		9.00		9.00		12.0	
	802.11n-HT40 MCS0	151	5755	Full		9.00		9.00		12.0	99.45
		159	5795	Full		9.00		9.00		12.0	
	802.11ac-VHT20 MCS0	149	5745	Full		9.00		9.00		12.0	99.45
		157	5785	Full		9.00		9.00		12.0	
		165	5825	Full		9.00		9.00		12.0	
	802.11ac-VHT40 MCS0	151	5755	Full		9.00		9.00		12.0	99.63
		159	5795	Full		9.00		9.00		12.0	
	802.11ac-VHT80 MCS0	155	5775	Full	7.19	9.00	7.26	9.00	10.24	12.0	99.63
	802.11ax-HE20 MCS0	149	5745	Full		9.00		9.00		12.0	99.63
				26/0		9.00		9.00		12.0	
				52/37		9.00		9.00		12.0	
				106/53		9.00		9.00		12.0	
				52+26/38+1		9.00		9.00		12.0	
				106+26/53+4		9.00		9.00		12.0	
		157	5785	Full		9.00		9.00		12.0	
		165	5825	Full		9.00		9.00		12.0	
				26/8		9.00		9.00		12.0	
				52/40		9.00		9.00		12.0	
				106/54		9.00		9.00		12.0	
				52+26/39+7		9.00		9.00		12.0	
				106+26/54+4		9.00		9.00		12.0	
	802.11ax-HE40 MCS0	151	5755	Full		9.00		9.00		12.0	99.45
		159	5795	Full		9.00		9.00		12.0	
	802.11ax-HE80 MCS0	155	5775	Full		9.00		9.00		12.0	99.62
	802.11be_20MHz MCS0	149	5745	Full		9.00		9.00		12.0	99.81
				26/0		9.00		9.00		12.0	
				52/37		9.00		9.00		12.0	
				106/53		9.00		9.00		12.0	
		157	5785	Full		9.00		9.00		12.0	
		165	5825	Full		9.00		9.00		12.0	
				26/8		9.00		9.00		12.0	
				52/40		9.00		9.00		12.0	
				106/54		9.00		9.00		12.0	
	802.11be_40MHz MCS0	151	5755	Full		9.00		9.00		12.0	99.63
		159	5795	Full		9.00		9.00		12.0	
	802.11be_80MHz MCS0	155	5775	Full		9.00		9.00		12.0	100.00
				20M/RU1		9.00		9.00		12.0	
				20M/RU2		9.00		9.00		12.0	
				20M/RU3		9.00		9.00		12.0	
				20M/RU4		9.00		9.00		12.0	
				484+242/ 1		9.00		9.00		12.0	
				484+242/ 2		9.00		9.00		12.0	
				484+242/ 3		9.00		9.00		12.0	
				484+242/ 4		9.00		9.00		12.0	

<WLAN 2.4GHz_Simultaneous:WWAN+2.4G+5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	Not Required	13.50	Not Required	13.50	Not Required	16.5	99.05
		6	2437	Full		13.50		13.50		16.5	
		11	2462	Full		13.50		13.50		16.5	
	802.11g 6Mbps	1	2412	Full		13.50		13.50		16.5	99.05
		6	2437	Full		13.50		13.50		16.5	
		11	2462	Full		13.50		13.50		16.5	
	802.11n-HT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		13.50		13.50		16.5	
		3	2422	Full		13.50		13.50		16.5	
		6	2437	Full		13.50		13.50		16.5	
		11	2462	Full		13.50		13.50		16.5	
	802.11n-HT40 MCS0	3	2422	Full		13.50		13.50		16.5	99.63
		6	2437	Full		13.50		13.50		16.5	
		9	2452	Full		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		13.50		13.50		16.5	
		3	2422	Full		13.50		13.50		16.5	
		6	2437	Full		13.50		13.50		16.5	
		11	2462	Full		13.50		13.50		16.5	
	802.11ac-VHT40 MCS0	3	2422	Full		13.50		13.50		16.5	99.63
		6	2437	Full		13.50		13.50		16.5	
		9	2452	Full		13.50		13.50		16.5	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		13.50		13.50		16.5	
		2	2417	Full		13.50		13.50		16.5	
		3	2422	Full		13.50		13.50		16.5	
		6	2437	Full		13.50		13.50		16.5	
		11	2462	Full		13.50		13.50		16.5	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		13.50		13.50		16.5	
	802.11ax-HE40 MCS0	3	2422	Full		13.50		13.50		16.5	99.63
		6	2437	Full		13.50		13.50		16.5	
		9	2452	Full		13.50		13.50		16.5	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		13.50		13.50		16.5	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		13.50		13.50		16.5	
		3	2422	Full		13.50		13.50		16.5	
		6	2437	Full		13.50		13.50		16.5	
		11	2462	Full		13.50		13.50		16.5	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		13.50		13.50		16.5	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		13.50		13.50		16.5	99.63
		6	2437	Full		13.50		13.50		16.5	
		9	2452	Full		13.50		13.50		16.5	

<WLAN 2.4GHz_Body Simultaneous:2.4G +5G/6G/BT/WWAN+2.4G+5G>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	17.69	19.00	17.41	19.00	20.56	22.0	99.05
		6	2437	Full	17.65	19.00	17.84	19.00	20.76	22.0	
		11	2462	Full	17.53	19.00	17.59	19.00	20.57	22.0	
	802.11g 6Mbps	1	2412	Full	Not Required	18.50	Not Required	18.50	Not Required	21.5	99.05
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		18.50		18.50		21.5	
	802.11n-HT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.00		14.00		17.0	
		3	2422	Full		18.50		18.50		21.5	
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		18.00		18.00		21.0	
	802.11n-HT40 MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		18.50		18.50		21.5	
		9	2452	Full		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		18.50		18.50		21.5	
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		18.00		18.00		21.0	
	802.11ac-VHT40 MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		18.50		18.50		21.5	
		9	2452	Full		16.00		16.00		19.0	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		18.50		18.50		21.5	
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		17.00		17.00		20.0	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
	802.11ax-HE40 MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		18.50		18.50		21.5	
		9	2452	Full		16.00		16.00		19.0	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		18.50		18.50		21.5	
		6	2437	Full		18.50		18.50		21.5	
		11	2462	Full		18.00		18.00		21.0	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		17.00		17.00		20.0	99.63
		6	2437	Full		18.50		18.50		21.5	
		9	2452	Full		16.00		16.00		19.0	

<WLAN 2.4GHz_Body Simultaneous:WWAN+2.4G+5G/6G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 12		Ant 7		Ant 12+7		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	14.96	16.00	14.54	16.00	17.77	19.0	99.05
		6	2437	Full	14.86	16.00	14.99	16.00	17.94	19.0	
		11	2462	Full	14.62	16.00	14.72	16.00	17.68	19.0	
	802.11g 6Mbps	1	2412	Full	Not Required	16.00	Not Required	16.00	Not Required	19.0	99.05
		6	2437	Full		16.00		16.00		19.0	
		11	2462	Full		16.00		16.00		19.0	
	802.11n-HT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.00		14.00		17.0	
		3	2422	Full		16.00		16.00		19.0	
		6	2437	Full		16.00		16.00		19.0	
		11	2462	Full		16.00		16.00		19.0	
	802.11n-HT40 MCS0	3	2422	Full		16.00		16.00		19.0	99.63
		6	2437	Full		16.00		16.00		19.0	
		9	2452	Full		16.00		16.00		19.0	
	802.11ac-VHT20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		16.00		16.00		19.0	
		6	2437	Full		16.00		16.00		19.0	
		11	2462	Full		16.00		16.00		19.0	
	802.11ac-VHT40 MCS0	3	2422	Full		16.00		16.00		19.0	99.63
		6	2437	Full		16.00		16.00		19.0	
		9	2452	Full		16.00		16.00		19.0	
	802.11ax-HE20 MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		16.00		16.00		19.0	
		6	2437	Full		16.00		16.00		19.0	
		11	2462	Full		16.00		16.00		19.0	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
	802.11ax-HE40 MCS0	3	2422	Full		16.00		16.00		19.0	99.63
		6	2437	Full		16.00		16.00		19.0	
		9	2452	Full		16.00		16.00		19.0	
	802.11be_20MHz MCS0	1	2412	Full		11.00		11.00		14.0	99.63
				26/0		9.50		9.50		12.5	
				52/37		12.50		12.50		15.5	
				106/53		15.50		15.50		18.5	
				52+26/38+1		9.50		9.50		12.5	
				106+26/53+4		9.50		9.50		12.5	
		2	2417	Full		14.50		14.50		17.5	
		3	2422	Full		16.00		16.00		19.0	
		6	2437	Full		16.00		16.00		19.0	
		11	2462	Full		16.00		16.00		19.0	
				26/8		9.50		9.50		12.5	
				52/40		12.50		12.50		15.5	
				106/54		15.50		15.50		18.5	
				52+26/39+7		9.50		9.50		12.5	
				106+26/54+4		9.50		9.50		12.5	
	802.11be_40MHz MCS0	3	2422	Full		16.00		16.00		19.0	99.63
		6	2437	Full		16.00		16.00		19.0	
		9	2452	Full		16.00		16.00		19.0	

<WLAN 5GHz_Body Simultaneous:2.4G+5G/WWAN+5G/5G+BT/WWAN+2.4G/5G >

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	Not Required	16.50	Not Required	16.50	Not Required	19.5	99.05
		40	5200	Full		16.50		16.50		19.5	
		44	5220	Full		16.50		16.50		19.5	
		48	5240	Full		16.50		16.50		19.5	
	802.11n-HT20 MCS0	36	5180	Full		16.50		16.50		19.5	99.63
		40	5200	Full		16.50		16.50		19.5	
		44	5220	Full		16.50		16.50		19.5	
		48	5240	Full		16.50		16.50		19.5	
	802.11n-HT40 MCS0	38	5190	Full		16.50		16.50		19.5	99.45
		46	5230	Full		16.50		16.50		19.5	
	802.11ac-VHT20 MCS0	36	5180	Full		16.50		16.50		19.5	99.45
		40	5200	Full		16.50		16.50		19.5	
		44	5220	Full		16.50		16.50		19.5	
		48	5240	Full		16.50		16.50		19.5	
	802.11ac-VHT40 MCS0	38	5190	Full		16.50		16.50		19.5	99.63
		46	5230	Full		16.50		16.50		19.5	
	802.11ac-VHT80 MCS0	42	5210	Full	14.64	16.50	14.75	16.50	17.71	19.5	99.63
	802.11ax-HE20 MCS0	36	5180	Full		16.50		16.50		19.5	99.45
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
		40	5200	Full		16.50		16.50		19.5	
		44	5220	Full		16.50		16.50		19.5	
		48	5240	Full		16.50		16.50		19.5	
	802.11ax-HE40 MCS0	38	5190	Full		16.50		16.50		19.5	99.45
		46	5230	Full		16.50		16.50		19.5	
	802.11ax-HE80 MCS0	42	5210	Full		16.50		16.50		19.5	99.62
	802.11be_20MHz MCS0	36	5180	Full		16.50		16.50		19.5	99.81
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		14.00		14.00		17.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		40	5200	Full		16.50		16.50		19.5	
		44	5220	Full		16.50		16.50		19.5	
		48	5240	Full		16.50		16.50		19.5	
	802.11be_40MHz MCS0	38	5190	Full		16.50		16.50		19.5	99.63
		46	5230	Full		16.50		16.50		19.5	
	802.11be_80MHz MCS0	42	5210	Full		16.50		16.50		19.5	100.00
				20M/RU1		16.50		16.50		19.5	
				20M/RU2		16.50		16.50		19.5	
				20M/RU3		16.50		16.50		19.5	
				20M/RU4		16.50		16.50		19.5	
				484+242/ 1		16.50		16.50		19.5	
				484+242/ 2		16.50		16.50		19.5	
				484+242/ 3		16.50		16.50		19.5	
				484+242/ 4		16.50		16.50		19.5	

<WLAN 5GHz_Body Simultaneous:WWAN+2.4G+5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	Not Required	13.50	Not Required	13.50	Not Required	16.5	99.05
		40	5200	Full		13.50		13.50		16.5	
		44	5220	Full		13.50		13.50		16.5	
		48	5240	Full		13.50		13.50		16.5	
	802.11n-HT20 MCS0	36	5180	Full		13.50		13.50		16.5	99.63
		40	5200	Full		13.50		13.50		16.5	
		44	5220	Full		13.50		13.50		16.5	
		48	5240	Full		13.50		13.50		16.5	
	802.11n-HT40 MCS0	38	5190	Full		13.50		13.50		16.5	99.45
		46	5230	Full		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	36	5180	Full		13.50		13.50		16.5	99.45
		40	5200	Full		13.50		13.50		16.5	
		44	5220	Full		13.50		13.50		16.5	
		48	5240	Full		13.50		13.50		16.5	
	802.11ac-VHT40 MCS0	38	5190	Full		13.50		13.50		16.5	99.63
		46	5230	Full		13.50		13.50		16.5	
	802.11ac-VHT80 MCS0	42	5210	Full	11.69	13.50	11.78	13.50	14.75	16.5	99.63
	802.11ax-HE20 MCS0	36	5180	Full		13.50		13.50		16.5	99.45
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		13.50		13.50		16.5	
		40	5200	Full		13.50		13.50		16.5	
		44	5220	Full		13.50		13.50		16.5	
		48	5240	Full		13.50		13.50		16.5	
	802.11ax-HE40 MCS0	38	5190	Full		13.50		13.50		16.5	99.45
		46	5230	Full		13.50		13.50		16.5	
	802.11ax-HE80 MCS0	42	5210	Full		13.50		13.50		16.5	99.62
	802.11be_20MHz MCS0	36	5180	Full		13.50		13.50		16.5	99.81
				26/0		8.50		8.50		11.5	
				52/37		11.50		11.50		14.5	
				106/53		13.50		13.50		16.5	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		40	5200	Full		13.50		13.50		16.5	
		44	5220	Full		13.50		13.50		16.5	
		48	5240	Full		13.50		13.50		16.5	
	802.11be_40MHz MCS0	38	5190	Full		13.50		13.50		16.5	99.63
		46	5230	Full		13.50		13.50		16.5	
	802.11be_80MHz MCS0	42	5210	Full		13.50		13.50		16.5	100.00
				20M/RU1		13.50		13.50		16.5	
				20M/RU2		13.50		13.50		16.5	
				20M/RU3		13.50		13.50		16.5	
				20M/RU4		13.50		13.50		16.5	
				484+242/ 1		13.50		13.50		16.5	
				484+242/ 2		13.50		13.50		16.5	
				484+242/ 3		13.50		13.50		16.5	
				484+242/ 4		13.50		13.50		16.5	

<WLAN 5GHz_Body Simultaneous:2.4G+5G/WWAN+5G/5G+BT/WWAN+2.4G/5G >

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	Not Required	16.50	Not Required	16.50	Not Required	19.5	99.05
		56	5280	Full		16.50		16.50		19.5	
		60	5300	Full		16.50		16.50		19.5	
		64	5320	Full		16.50		16.50		19.5	
	802.11n-HT20 MCS0	52	5260	Full		16.50		16.50		19.5	99.63
		56	5280	Full		16.50		16.50		19.5	
		60	5300	Full		16.50		16.50		19.5	
		64	5320	Full		16.50		16.50		19.5	
	802.11n-HT40 MCS0	54	5270	Full		16.50		16.50		19.5	99.45
		62	5310	Full		16.50		16.50		19.5	
	802.11ac-VHT20 MCS0	52	5260	Full		16.50		16.50		19.5	99.45
		56	5280	Full		16.50		16.50		19.5	
		60	5300	Full		16.50		16.50		19.5	
		64	5320	Full		16.50		16.50		19.5	
	802.11ac-VHT40 MCS0	54	5270	Full		16.50		16.50		19.5	99.63
		62	5310	Full		16.50		16.50		19.5	
	802.11ac-VHT80 MCS0	58	5290	Full		16.50		16.50		19.5	99.63
	802.11ac-VHT160 MCS0	50	5250	Full	14.68	16.50	14.76	16.50	17.73	19.5	99.63
	802.11ax-HE20 MCS0	52	5260	Full		16.50		16.50		19.5	99.45
		56	5280	Full		16.50		16.50		19.5	
		60	5300	Full		16.50		16.50		19.5	
				Full		16.50		16.50		19.5	
				26/8.		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		16.00		16.00		19.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	54	5270	Full		16.50		16.50		19.5	99.45
		62	5310	Full		16.50		16.50		19.5	
	802.11ax-HE80 MCS0	58	5290	Full		16.50		16.50		19.5	99.62
	802.11ax-HE160 MCS0	50	5250	Full		16.50		16.50		19.5	99.77
	802.11be_20MHz MCS0	52	5260	Full		16.50		16.50		19.5	99.81
		56	5280	Full		16.50		16.50		19.5	
		60	5300	Full		16.50		16.50		19.5	
				Full		16.50		16.50		19.5	
		64	5320	26/8.		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		16.00		16.00		19.0	
	802.11be_40MHz MCS0	54	5270	Full		16.50		16.50		19.5	99.63
		62	5310	Full		16.50		16.50		19.5	
	802.11be_80MHz MCS0	58	5290	Full		16.50		16.50		19.5	100.00
				20M/RU1		15.50		15.50		18.5	
				20M/RU2		15.50		15.50		18.5	
				20M/RU3		15.50		15.50		18.5	
				20M/RU4		15.50		15.50		18.5	
				484+242/ 1		13.50		13.50		16.5	
				484+242/ 2		13.50		13.50		16.5	
				484+242/ 3		13.50		13.50		16.5	
				484+242/ 4		13.50		13.50		16.5	
	802.11be_160MHz MCS0	50	5250	Full		16.50		16.50		19.5	99.55
				20M/RU1		14.00		14.00		17.0	
				20M/RU2		14.00		14.00		17.0	
				20M/RU3		14.00		14.00		17.0	
				20M/RU4		14.00		14.00		17.0	
				20M/RU5		14.00		14.00		17.0	
				20M/RU6		14.00		14.00		17.0	
				20M/RU7		14.00		14.00		17.0	
				20M/RU8		14.00		14.00		17.0	
				40M/RU1		14.00		14.00		17.0	
				40M/RU2		14.00		14.00		17.0	
				40M/RU3		14.00		14.00		17.0	
				40M/RU4		14.00		14.00		17.0	
				996+484/ 1		14.00		14.00		17.0	
				996+484/ 2		14.00		14.00		17.0	
				996+484/ 3		14.00		14.00		17.0	
				996+484/ 4		14.00		14.00		17.0	

<WLAN 5GHz_Body Simultaneous:WWAN+2.4G+5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	Not Required	13.50	Not Required	13.50	Not Required	16.5	99.05
		56	5280	Full		13.50		13.50		16.5	
		60	5300	Full		13.50		13.50		16.5	
		64	5320	Full		13.50		13.50		16.5	
	802.11n-HT20 MCS0	52	5260	Full		13.50		13.50		16.5	99.63
		56	5280	Full		13.50		13.50		16.5	
		60	5300	Full		13.50		13.50		16.5	
		64	5320	Full		13.50		13.50		16.5	
	802.11n-HT40 MCS0	54	5270	Full		13.50		13.50		16.5	99.45
		62	5310	Full		13.50		13.50		16.5	
	802.11ac-VHT20 MCS0	52	5260	Full		13.50		13.50		16.5	99.45
		56	5280	Full		13.50		13.50		16.5	
		60	5300	Full		13.50		13.50		16.5	
		64	5320	Full		13.50		13.50		16.5	
	802.11ac-VHT40 MCS0	54	5270	Full		13.50		13.50		16.5	99.63
		62	5310	Full		13.50		13.50		16.5	
	802.11ac-VHT80 MCS0	58	5290	Full		13.50		13.50		16.5	99.63
	802.11ac-VHT160 MCS0	50	5250	Full	11.71	13.50	11.79	13.50	14.76	16.5	99.63
	802.11ax-HE20 MCS0	52	5260	Full		13.50		13.50		16.5	99.45
		56	5280	Full		13.50		13.50		16.5	
		60	5300	Full		13.50		13.50		16.5	
				Full		13.50		13.50		16.5	
				26/8.		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		13.50		13.50		16.5	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	54	5270	Full		13.50		13.50		16.5	99.45
		62	5310	Full		13.50		13.50		16.5	
	802.11ax-HE80 MCS0	58	5290	Full		13.50		13.50		16.5	99.62
	802.11ax-HE160 MCS0	50	5250	Full		13.50		13.50		16.5	99.77
	802.11be_20MHz MCS0	52	5260	Full		13.50		13.50		16.5	99.81
		56	5280	Full		13.50		13.50		16.5	
		60	5300	Full		13.50		13.50		16.5	
				Full		13.50		13.50		16.5	
		64	5320	26/8.		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		13.50		13.50		16.5	
	802.11be_40MHz MCS0	54	5270	Full		13.50		13.50		16.5	99.63
		62	5310	Full		13.50		13.50		16.5	
	802.11be_80MHz MCS0	58	5290	Full		13.50		13.50		16.5	100.00
				20M/RU1		13.50		13.50		16.5	
				20M/RU2		13.50		13.50		16.5	
				20M/RU3		13.50		13.50		16.5	
				20M/RU4		13.50		13.50		16.5	
				484+242/ 1		13.50		13.50		16.5	
				484+242/ 2		13.50		13.50		16.5	
				484+242/ 3		13.50		13.50		16.5	
				484+242/ 4		13.50		13.50		16.5	
	802.11be_160MHz MCS0	50	5250	Full		13.50		13.50		16.5	99.55
				20M/RU1		13.50		13.50		16.5	
				20M/RU2		13.50		13.50		16.5	
				20M/RU3		13.50		13.50		16.5	
				20M/RU4		13.50		13.50		16.5	
				20M/RU5		13.50		13.50		16.5	
				20M/RU6		13.50		13.50		16.5	
				20M/RU7		13.50		13.50		16.5	
				20M/RU8		13.50		13.50		16.5	
				40M/RU1		13.50		13.50		16.5	
				40M/RU2		13.50		13.50		16.5	
				40M/RU3		13.50		13.50		16.5	
				40M/RU4		13.50		13.50		16.5	
				996+484/ 1		13.50		13.50		16.5	
				996+484/ 2		13.50		13.50		16.5	
				996+484/ 3		13.50		13.50		16.5	
				996+484/ 4		13.50		13.50		16.5	

<WLAN 5GHz_Body Simultaneous:2.4G+5G/WWAN+5G/5G+BT/WWAN+2.4G/5G >

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	Not Required	14.50	Not Required	14.50	Not Required	17.5	99.05
		116	5580	Full		14.50		14.50		17.5	
		124	5620	Full		14.50		14.50		17.5	
		132	5660	Full		14.50		14.50		17.5	
		140	5700	Full		14.50		14.50		17.5	
	802.11n-HT20 MCS0	100	5500	Full		14.50		14.50		17.5	99.63
		116	5580	Full		14.50		14.50		17.5	
		124	5620	Full		14.50		14.50		17.5	
		132	5660	Full		14.50		14.50		17.5	
		140	5700	Full		14.50		14.50		17.5	
	802.11n-HT40 MCS0	102	5510	Full		14.50		14.50		17.5	99.45
		110	5550	Full		14.50		14.50		17.5	
		126	5630	Full		14.50		14.50		17.5	
		134	5670	Full		14.50		14.50		17.5	
	802.11ac-VHT20 MCS0	100	5500	Full		14.50		14.50		17.5	99.45
		116	5580	Full		14.50		14.50		17.5	
		124	5620	Full		14.50		14.50		17.5	
		132	5660	Full		14.50		14.50		17.5	
		140	5700	Full		14.50		14.50		17.5	
	802.11ac-VHT40 MCS0	102	5510	Full		14.50		14.50		17.5	99.63
		110	5550	Full		14.50		14.50		17.5	
		126	5630	Full		14.50		14.50		17.5	
		134	5670	Full		14.50		14.50		17.5	
	802.11ac-VHT80 MCS0	106	5530	Full		14.50		14.50		17.5	99.63
		122	5610	Full		14.50		14.50		17.5	
	802.11ac-VHT160 MCS0	114	5570	Full	12.63	14.50	12.81	14.50	15.73	17.5	99.63
	802.11ax-HE20 MCS0	100	5500	Full		14.50		14.50		17.5	99.45
				26/0		10.00		10.00		13.0	
				52/37		13.00		13.00		16.0	
				106/53		14.50		14.50		17.5	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		116	5580	Full		14.50		14.50		17.5	
		124	5620	Full		14.50		14.50		17.5	
		132	5660	Full		14.50		14.50		17.5	
		140	5700	Full		14.50		14.50		17.5	
				8/26.		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		14.50		14.50		17.5	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	102	5510	Full		14.50		14.50		17.5	99.45
		110	5550	Full		14.50		14.50		17.5	
		126	5630	Full		14.50		14.50		17.5	
		134	5670	Full		14.50		14.50		17.5	
	802.11ax-HE80 MCS0	106	5530	Full		14.50		14.50		17.5	99.62
		122	5610	Full		14.50		14.50		17.5	
	802.11ax-HE160 MCS0	114	5570	Full		14.50		14.50		17.5	99.77
	802.11be_20MHz MCS0	100	5500	Full		14.50		14.50		17.5	99.81
				26/0		10.00		10.00		13.0	
				52/37		13.00		13.00		16.0	
				106/53		14.50		14.50		17.5	
		116	5580	Full		14.50		14.50		17.5	
		124	5620	Full		14.50		14.50		17.5	
		132	5660	Full		14.50		14.50		17.5	
		140	5700	Full		14.50		14.50		17.5	
				8/26.		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		14.50		14.50		17.5	
	802.11be_40MHz MCS0	102	5510	Full		14.50		14.50		17.5	99.63
		110	5550	Full		14.50		14.50		17.5	
		126	5630	Full		14.50		14.50		17.5	
		134	5670	Full		14.50		14.50		17.5	
	802.11be_80MHz MCS0	106	5530	Full		14.50		14.50		17.5	100.00
				20M/RU1		14.50		14.50		17.5	
				20M/RU2		14.50		14.50		17.5	
				20M/RU3		14.50		14.50		17.5	
				20M/RU4		14.50		14.50		17.5	
				484+242/ 1		14.00		14.00		17.0	
				484+242/ 2		14.00		14.00		17.0	
				484+242/ 3		14.00		14.00		17.0	
				484+242/ 4		14.00		14.00		17.0	
		122	5610	Full		14.50		14.50		17.5	
				20M/RU1		14.50		14.50		17.5	
				20M/RU2		14.50		14.50		17.5	
				20M/RU3		14.50		14.50		17.5	
				20M/RU4		14.50		14.50		17.5	
				484+242/ 1		14.50		14.50		17.5	
				484+242/ 2		14.50		14.50		17.5	
				484+242/ 3		14.50		14.50		17.5	
				484+242/ 4		14.50		14.50		17.5	
	802.11be_160MHz MCS0	114	5570	Full		14.50		14.50		17.5	99.55
				20M/RU1		13.50		13.50		16.5	
				20M/RU2		13.50		13.50		16.5	
				20M/RU3		13.50		13.50		16.5	
				20M/RU4		13.50		13.50		16.5	
				20M/RU5		13.50		13.50		16.5	
				20M/RU6		13.50		13.50		16.5	
				20M/RU7		13.50		13.50		16.5	
				20M/RU8		13.50		13.50		16.5	
				40M/RU1		13.50		13.50		16.5	
				40M/RU2		13.50		13.50		16.5	
				40M/RU3		13.50		13.50		16.5	
				40M/RU4		13.50		13.50		16.5	
				996+484/ 1		14.00		14.00		17.0	
				996+484/ 2		14.00		14.00		17.0	
				996+484/ 3		14.00		14.00		17.0	
				996+484/ 4		14.00		14.00		17.0	

<WLAN 5GHz_Body Simultaneous:WWAN+2.4G+5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	Not Required	12.00	Not Required	12.00	Not Required	15.0	99.05
		116	5580	Full		12.00		12.00		15.0	
		124	5620	Full		12.00		12.00		15.0	
		132	5660	Full		12.00		12.00		15.0	
		140	5700	Full		12.00		12.00		15.0	
	802.11n-HT20 MCS0	100	5500	Full		12.00		12.00		15.0	99.63
		116	5580	Full		12.00		12.00		15.0	
		124	5620	Full		12.00		12.00		15.0	
		132	5660	Full		12.00		12.00		15.0	
		140	5700	Full		12.00		12.00		15.0	
	802.11n-HT40 MCS0	102	5510	Full		12.00		12.00		15.0	99.45
		110	5550	Full		12.00		12.00		15.0	
		126	5630	Full		12.00		12.00		15.0	
		134	5670	Full		12.00		12.00		15.0	
	802.11ac-VHT20 MCS0	100	5500	Full		12.00		12.00		15.0	99.45
		116	5580	Full		12.00		12.00		15.0	
		124	5620	Full		12.00		12.00		15.0	
		132	5660	Full		12.00		12.00		15.0	
		140	5700	Full		12.00		12.00		15.0	
	802.11ac-VHT40 MCS0	102	5510	Full		12.00		12.00		15.0	99.63
		110	5550	Full		12.00		12.00		15.0	
		126	5630	Full		12.00		12.00		15.0	
		134	5670	Full		12.00		12.00		15.0	
	802.11ac-VHT80 MCS0	106	5530	Full		12.00		12.00		15.0	99.63
		122	5610	Full		12.00		12.00		15.0	
	802.11ac-VHT160 MCS0	114	5570	Full	10.11	12.00	10.23	12.00	13.18	15.0	99.63
	802.11ax-HE20 MCS0	100	5500	Full		12.00		12.00		15.0	99.45
				26/0		10.00		10.00		13.0	
				52/37		12.00		12.00		15.0	
				106/53		12.00		12.00		15.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		116	5580	Full		12.00		12.00		15.0	
		124	5620	Full		12.00		12.00		15.0	
		132	5660	Full		12.00		12.00		15.0	
		140	5700	Full		12.00		12.00		15.0	
				8/26.		10.00		10.00		13.0	
				52/40		12.00		12.00		15.0	
				106/54		12.00		12.00		15.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	102	5510	Full		12.00		12.00		15.0	99.45
		110	5550	Full		12.00		12.00		15.0	
		126	5630	Full		12.00		12.00		15.0	
		134	5670	Full		12.00		12.00		15.0	
	802.11ax-HE80 MCS0	106	5530	Full		12.00		12.00		15.0	99.62
		122	5610	Full		12.00		12.00		15.0	
	802.11ax-HE160 MCS0	114	5570	Full		12.00		12.00		15.0	99.77
	802.11be_20MHz MCS0	100	5500	Full		12.00		12.00		15.0	99.81
				26/0		10.00		10.00		13.0	
				52/37		12.00		12.00		15.0	
				106/53		12.00		12.00		15.0	
		116	5580	Full		12.00		12.00		15.0	
		124	5620	Full		12.00		12.00		15.0	
		132	5660	Full		12.00		12.00		15.0	
		140	5700	Full		12.00		12.00		15.0	
				8/26.		10.00		10.00		13.0	
				52/40		12.00		12.00		15.0	
				106/54		12.00		12.00		15.0	
	802.11be_40MHz MCS0	102	5510	Full		12.00		12.00		15.0	99.63
		110	5550	Full		12.00		12.00		15.0	
		126	5630	Full		12.00		12.00		15.0	
		134	5670	Full		12.00		12.00		15.0	
	802.11be_80MHz MCS0	106	5530	Full		12.00		12.00		15.0	100.00
				20M/RU1		12.00		12.00		15.0	
				20M/RU2		12.00		12.00		15.0	
				20M/RU3		12.00		12.00		15.0	
				20M/RU4		12.00		12.00		15.0	
				484+242/ 1		12.00		12.00		15.0	
				484+242/ 2		12.00		12.00		15.0	
				484+242/ 3		12.00		12.00		15.0	
				484+242/ 4		12.00		12.00		15.0	
		122	5610	Full		12.00		12.00		15.0	
				20M/RU1		12.00		12.00		15.0	
				20M/RU2		12.00		12.00		15.0	
				20M/RU3		12.00		12.00		15.0	
				20M/RU4		12.00		12.00		15.0	
				484+242/ 1		12.00		12.00		15.0	
				484+242/ 2		12.00		12.00		15.0	
				484+242/ 3		12.00		12.00		15.0	
				484+242/ 4		12.00		12.00		15.0	
	802.11be_160MHz MCS0	114	5570	Full		12.00		12.00		15.0	99.55
				20M/RU1		12.00		12.00		15.0	
				20M/RU2		12.00		12.00		15.0	
				20M/RU3		12.00		12.00		15.0	
				20M/RU4		12.00		12.00		15.0	
				20M/RU5		12.00		12.00		15.0	
				20M/RU6		12.00		12.00		15.0	
				20M/RU7		12.00		12.00		15.0	
				20M/RU8		12.00		12.00		15.0	
				40M/RU1		12.00		12.00		15.0	
				40M/RU2		12.00		12.00		15.0	
				40M/RU3		12.00		12.00		15.0	
				40M/RU4		12.00		12.00		15.0	
				996+484/ 1		12.00		12.00		15.0	
				996+484/ 2		12.00		12.00		15.0	
				996+484/ 3		12.00		12.00		15.0	
				996+484/ 4		12.00		12.00		15.0	

<WLAN 5GHz_Body Simultaneous:2.4G+5G/WWAN+5G/5G+BT/WWAN+2.4G/5G >

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	Not Required	13.00	Not Required	13.00	Not Required	16.0	99.05
		157	5785	Full		13.00		13.00		16.0	
		165	5825	Full		13.00		13.00		16.0	
	802.11n-HT20 MCS0	149	5745	Full		13.00		13.00		16.0	99.63
		157	5785	Full		13.00		13.00		16.0	
		165	5825	Full		13.00		13.00		16.0	
	802.11n-HT40 MCS0	151	5755	Full		13.00		13.00		16.0	99.45
		159	5795	Full		13.00		13.00		16.0	
	802.11ac-VHT20 MCS0	149	5745	Full		13.00		13.00		16.0	99.45
		157	5785	Full		13.00		13.00		16.0	
		165	5825	Full		13.00		13.00		16.0	
	802.11ac-VHT40 MCS0	151	5755	Full		13.00		13.00		16.0	99.63
		159	5795	Full		13.00		13.00		16.0	
	802.11ac-VHT80 MCS0	155	5775	Full	11.72	13.00	11.81	13.00	14.78	16.0	99.63
	802.11ax-HE20 MCS0	149	5745	Full		13.00		13.00		16.0	99.63
				26/0		10.00		10.00		13.0	
				52/37		13.00		13.00		16.0	
				106/53		13.00		13.00		16.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		157	5785	Full		13.00		13.00		16.0	
		165	5825	Full		13.00		13.00		16.0	
				26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		13.00		13.00		16.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	151	5755	Full		13.00		13.00		16.0	99.45
		159	5795	Full		13.00		13.00		16.0	
	802.11ax-HE80 MCS0	155	5775	Full		13.00		13.00		16.0	99.62
	802.11be_20MHz MCS0	149	5745	Full		13.00		13.00		16.0	99.81
				26/0		10.00		10.00		13.0	
				52/37		13.00		13.00		16.0	
				106/53		13.00		13.00		16.0	
		157	5785	Full		13.00		13.00		16.0	
				Full		13.00		13.00		16.0	
		165	5825	26/8		10.00		10.00		13.0	
				52/40		13.00		13.00		16.0	
				106/54		13.00		13.00		16.0	
	802.11be_40MHz MCS0	151	5755	Full		13.00		13.00		16.0	99.63
		159	5795	Full		13.00		13.00		16.0	
	802.11be_80MHz MCS0	155	5775	Full		13.00		13.00		16.0	100.00
				20M/RU1		13.00		13.00		16.0	
				20M/RU2		13.00		13.00		16.0	
				20M/RU3		13.00		13.00		16.0	
				20M/RU4		13.00		13.00		16.0	
				484+242/ 1		13.00		13.00		16.0	
				484+242/ 2		13.00		13.00		16.0	
				484+242/ 3		13.00		13.00		16.0	
				484+242/ 4		13.00		13.00		16.0	

<WLAN 5GHz_Body Simultaneous:WWAN+2.4G+5G+BT>

	Mode	Channel	Frequency (MHz)	RU Config.	Ant 10		Ant 13		Ant 10+13		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	Not Required	11.00	Not Required	11.00	Not Required	14.0	99.05
		157	5785	Full		11.00		11.00		14.0	
		165	5825	Full		11.00		11.00		14.0	
	802.11n-HT20 MCS0	149	5745	Full		11.00		11.00		14.0	99.63
		157	5785	Full		11.00		11.00		14.0	
		165	5825	Full		11.00		11.00		14.0	
	802.11n-HT40 MCS0	151	5755	Full		11.00		11.00		14.0	99.45
		159	5795	Full		11.00		11.00		14.0	
	802.11ac-VHT20 MCS0	149	5745	Full		11.00		11.00		14.0	99.45
		157	5785	Full		11.00		11.00		14.0	
		165	5825	Full		11.00		11.00		14.0	
	802.11ac-VHT40 MCS0	151	5755	Full		11.00		11.00		14.0	99.63
		159	5795	Full		11.00		11.00		14.0	
	802.11ac-VHT80 MCS0	155	5775	Full	9.25	11.00	9.41	11.00	12.34	14.0	99.63
	802.11ax-HE20 MCS0	149	5745	Full		11.00		11.00		14.0	99.63
				26/0		10.00		10.00		13.0	
				52/37		11.00		11.00		14.0	
				106/53		11.00		11.00		14.0	
				52+26/38+1		10.00		10.00		13.0	
				106+26/53+4		10.00		10.00		13.0	
		157	5785	Full		11.00		11.00		14.0	
		165	5825	Full		11.00		11.00		14.0	
				26/8		10.00		10.00		13.0	
				52/40		11.00		11.00		14.0	
				106/54		11.00		11.00		14.0	
				52+26/39+7		10.00		10.00		13.0	
				106+26/54+4		10.00		10.00		13.0	
	802.11ax-HE40 MCS0	151	5755	Full		11.00		11.00		14.0	99.45
		159	5795	Full		11.00		11.00		14.0	
	802.11ax-HE80 MCS0	155	5775	Full		11.00		11.00		14.0	99.62
	802.11be_20MHz MCS0	149	5745	Full		11.00		11.00		14.0	99.81
				26/0		10.00		10.00		13.0	
				52/37		11.00		11.00		14.0	
				106/53		11.00		11.00		14.0	
		157	5785	Full		11.00		11.00		14.0	
				Full		11.00		11.00		14.0	
		165	5825	26/8		10.00		10.00		13.0	
				52/40		11.00		11.00		14.0	
				106/54		11.00		11.00		14.0	
	802.11be_40MHz MCS0	151	5755	Full		11.00		11.00		14.0	99.63
		159	5795	Full		11.00		11.00		14.0	
	802.11be_80MHz MCS0	155	5775	Full		11.00		11.00		14.0	100.00
				20M/RU1		11.00		11.00		14.0	
				20M/RU2		11.00		11.00		14.0	
				20M/RU3		11.00		11.00		14.0	
				20M/RU4		11.00		11.00		14.0	
				484+242/ 1		11.00		11.00		14.0	
				484+242/ 2		11.00		11.00		14.0	
				484+242/ 3		11.00		11.00		14.0	
				484+242/ 4		11.00		11.00		14.0	

<Bluetooth Power>

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	17.26	13.71	13.77
	CH 39	2441	17.17	13.86	13.96
	CH 78	2480	17.33	13.88	13.79
Tune-up Limit			19	16	16

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	17.72	14.24	14.17
	CH 39	2441	17.70	14.43	14.43
	CH 78	2480	17.73	14.41	14.32
Tune-up Limit			19	16	16

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12+7								
			Average power (dBm)_Ant 12+7(12)			Average power (dBm)_Ant 12+7(7)			Average power (dBm)_Ant 12+7		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.97	9.80	9.78	12.65	9.61	9.41	15.82	12.72	12.61
	CH 39	2441	12.85	9.99	9.89	12.15	9.16	9.32	15.52	12.61	12.62
	CH 78	2480	13.04	10.06	9.97	12.10	9.08	9.13	15.61	12.60	12.58
Tune-up Limit			14	11	11	14	11	11	17	14	14

BLE

Mode	Channel	Frequency (MHz)	Ant 12	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	9.47	9.06
	CH 19	2440	8.85	8.88
	CH 39	2480	9.09	9.15
Tune-up Limit			10	

<Bluetooth , HeadStandalone>

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.00	11.90	11.90
	CH 39	2441	12.40	12.30	12.30
	CH 78	2480	12.80	12.70	12.70
Tune-up Limit			14	14	14

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.70	12.60	12.60
	CH 39	2441	12.40	12.30	12.30
	CH 78	2480	12.82	12.73	12.71
Tune-up Limit			14	14	14

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12+7								
			Average power (dBm)_Ant 12+7(12)			Average power (dBm)_Ant 12+7(7)			Average power (dBm)_Ant 12+7		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	8.50	8.90	8.90	7.20	7.60	7.60	10.91	11.31	11.31
	CH 39	2441	8.90	9.30	9.30	8.90	9.30	9.30	11.91	11.81	11.81
	CH 78	2480	9.30	9.70	9.70	9.50	9.90	9.90	12.41	12.31	12.31
Tune-up Limit			11	11	11	11	11	11	14	14	14

BLE

Mode	Channel	Frequency (MHz)	Ant 12	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	9.47	9.06
	CH 19	2440	8.85	8.88
	CH 39	2480	9.09	9.15
Tune-up Limit			10	

<Bluetooth , Head Simultaneous BT+2.4G/5G/6G/WWAN+BT/BT+5G/6G>

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	8.80	8.70	8.70
	CH 39	2441	9.50	9.40	8.70
	CH 78	2480	9.70	9.60	9.60
Tune-up Limit			11	11	11

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	7.30	7.20	7.20
	CH 39	2441	8.90	8.80	8.80
	CH 78	2480	9.80	9.70	9.70
Tune-up Limit			11	11	11

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12+7								
			Average power (dBm)_Ant 12+7(12)			Average power (dBm)_Ant 12+7(7)			Average power (dBm)_Ant 12+7		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	5.00	4.90	4.90	3.50	3.40	3.40	7.32	7.22	7.22
	CH 39	2441	5.70	5.60	4.90	5.10	5.00	5.00	8.42	8.32	7.96
	CH 78	2480	5.90	5.80	5.80	6.00	5.90	5.90	8.96	8.86	8.86
Tune-up Limit			7	7	7	7	7	7	10	10	10

BLE

Mode	Channel	Frequency (MHz)	Ant 12	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	9.47	9.06
	CH 19	2440	8.85	8.88
	CH 39	2480	9.09	9.15
Tune-up Limit			10	

<Bluetooth , Head Simultaneous BT+2.4G+5G/6G/WWAN+2.4G+BT/WWAN+5G/6G+BT>

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	6.60	6.50	6.50
	CH 39	2441	7.30	7.20	7.20
	CH 78	2480	7.50	7.40	7.40
Tune-up Limit			9	9	9

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	5.40	5.30	5.30
	CH 39	2441	7.20	7.10	7.10
	CH 78	2480	7.60	7.50	7.50
Tune-up Limit			9	9	9

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12+7								
			Average power (dBm)_Ant 12+7(12)			Average power (dBm)_Ant 12+7(7)			Average power (dBm)_Ant 12+7		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	3.10	3.00	3.00	1.90	1.80	1.80	5.55	5.45	5.45
	CH 39	2441	3.80	3.70	3.70	3.70	3.60	3.60	6.76	6.66	6.66
	CH 78	2480	4.00	3.90	3.90	4.10	4.00	4.00	7.06	6.96	6.96
Tune-up Limit			5	5	6	6	6	6	9	9	9

BLE

Mode	Channel	Frequency (MHz)	Ant 12	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	6.30	6.30
	CH 19	2440	7.00	7.00
	CH 39	2480	7.20	7.20
Tune-up Limit			9	

<Bluetooth , Head Simultaneous WWAN+2.4G+5G/6G+BT>

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	5.80	5.70	5.70
	CH 39	2441	6.40	6.50	6.50
	CH 78	2480	6.50	6.40	6.40
Tune-up Limit			8	8	8

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	4.10	4.00	4.00
	CH 39	2441	5.90	5.80	5.80
	CH 78	2480	6.70	6.60	6.60
Tune-up Limit			8	8	8

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12+7								
			Average power (dBm)_Ant 12+7(12)			Average power (dBm)_Ant 12+7(7)			Average power (dBm)_Ant 12+7		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	0.60	0.50	0.50	-1.10	-1.20	-1.20	2.84	2.74	2.74
	CH 39	2441	1.40	1.30	1.30	0.70	0.60	0.60	4.07	3.97	3.97
	CH 78	2480	1.30	1.20	1.20	1.50	1.40	1.40	4.41	4.31	4.31
Tune-up Limit			3	3	3	3	3	3	6	6	6

BLE

Mode	Channel	Frequency (MHz)	Ant 12	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	5.60	5.50
	CH 19	2440	6.40	6.30
	CH 39	2480	6.30	6.30
Tune-up Limit			8	

<Bluetooth , Body Simultaneous BT+2.4G/5G/WWAN+BT>

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.00	11.90	11.90
	CH 39	2441	12.40	12.30	12.30
	CH 78	2480	12.80	12.70	12.70
Tune-up Limit			14	14	14

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.70	12.60	12.60
	CH 39	2441	12.40	12.30	12.30
	CH 78	2480	12.82	12.73	12.71
Tune-up Limit			14	14	14

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12+7								
			Average power (dBm)_Ant 12+7(12)			Average power (dBm)_Ant 12+7(7)			Average power (dBm)_Ant 12+7		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	8.50	8.90	8.90	7.20	7.60	7.60	10.91	11.31	11.31
	CH 39	2441	8.90	9.30	9.30	8.90	9.30	9.30	11.91	11.81	11.81
	CH 78	2480	9.30	9.70	9.70	9.50	9.90	9.90	12.41	12.31	12.31
Tune-up Limit			11	11	11	11	11	11	14	14	14

BLE

Mode	Channel	Frequency (MHz)	Ant 12	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	9.47	9.06
	CH 19	2440	8.85	8.88
	CH 39	2480	9.09	9.15
Tune-up Limit			10	

<Bluetooth ± Body Simultaneous BT+2.4G+5G/WWAN+2.4G/5G+BT>

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.00	9.70	9.70
	CH 39	2441	10.00	9.80	9.80
	CH 78	2480	10.20	10.10	10.10
Tune-up Limit			12	12	12

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	9.80	9.70	9.70
	CH 39	2441	9.90	9.80	9.80
	CH 78	2480	10.30	10.20	10.20
Tune-up Limit			12	12	12

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12+7								
			Average power (dBm)_Ant 12+7(12)			Average power (dBm)_Ant 12+7(7)			Average power (dBm)_Ant 12+7		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	6.40	6.30	6.30	4.80	4.70	4.70	8.68	8.58	8.58
	CH 39	2441	6.90	6.80	6.80	6.30	6.20	6.20	9.62	9.52	9.52
	CH 78	2480	7.20	7.10	7.10	7.30	7.20	7.20	10.26	10.16	10.16
Tune-up Limit			9	9	9	9	9	9	12	12	12

BLE

Mode	Channel	Frequency (MHz)	Ant 12	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	9.47	9.06
	CH 19	2440	8.85	8.88
	CH 39	2480	9.09	9.15
Tune-up Limit			10	

<Bluetooth ± Body Simultaneous WWAN+2.4G+5G+BT>

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	9.00	8.70	8.70
	CH 39	2441	9.00	8.80	8.80
	CH 78	2480	9.20	9.10	9.10
Tune-up Limit			11	11	11

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	8.80	8.70	8.70
	CH 39	2441	8.90	8.80	8.80
	CH 78	2480	9.30	9.20	9.20
Tune-up Limit			11	11	11

<Bluetooth_FCC>

Mode	Channel	Frequency (MHz)	Ant 12+7								
			Average power (dBm)_Ant 12+7(12)			Average power (dBm)_Ant 12+7(7)			Average power (dBm)_Ant 12+7		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	5.40	5.30	5.30	3.80	3.70	3.70	7.68	7.58	7.58
	CH 39	2441	5.90	5.80	5.80	5.30	5.20	5.20	8.62	8.52	8.52
	CH 78	2480	6.20	6.10	6.10	6.30	6.20	6.20	9.26	9.16	9.16
Tune-up Limit			8	8	8	8	8	8	11	11	11

BLE

Mode	Channel	Frequency (MHz)	Ant 12	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	9.47	9.06
	CH 19	2440	8.85	8.88
	CH 39	2480	9.09	9.15
Tune-up Limit			10	