

### Full&Default Power Mode

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		
GPRS 3 Tx slots	28.26	28.68	28.74	30.00	24.00	24.42	24.48	25.74	

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	RMC 12.2Kbps	22.16	22.18	22.09	24.00

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		
GPRS 2 Tx slots	29.85	30.09	30.04	31.50	23.85	24.09	24.04	25.50	

GSM1900 Ant 1		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		
GPRS 3 Tx slots	23.83	23.65	23.58	25.00	19.57	19.39	19.32	20.74	

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel	9262	9400	9538	1312		1413	1513	4132		4182	4233		
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458				
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6				
3GPP Rel 99	RMC 12.2Kbps	20.84	20.94	20.89	22.50	20.94	21.07	20.99	22.50	22.57	22.64	22.54	24.00

GSM1900 Ant 2		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		
GPRS 3 Tx slots	24.99	24.65	24.64	26.00	20.73	20.39	20.38	21.74	

Band		WCDMA II Ant 2			Tune-up Limit (dBm)	WCDMA IV Ant 2			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	RMC 12.2Kbps	22.04	22.09	22.03	23.00	21.91	21.96	21.93	23.00



### Band 2 Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. (Freq)	Middle Ch. (Freq)	High Ch. (Freq)		
Channel				18700	18900	19100		
Frequency (MHz)				18600	18800	19000		
20	QPSK	1	0	22.47	22.55	22.64	24	0
20	QPSK	1	48	22.38	22.45	22.44		
20	QPSK	1	96	22.37	22.42	22.40		
20	QPSK	50	0	21.50	21.55	21.45	23	1
20	QPSK	50	24	21.37	21.42	21.36		
20	QPSK	50	50	21.42	21.43	21.30		
20	QPSK	100	0	21.46	21.51	21.48	23	1
20	16QAM	1	0	21.46	21.43	21.35		
20	16QAM	1	48	21.22	21.30	21.30		
20	16QAM	1	96	21.30	21.27	21.18	22	2
20	16QAM	50	0	20.48	20.54	20.46		
20	16QAM	50	24	20.37	20.39	20.38		
20	16QAM	100	0	20.48	20.48	20.48	22	2
20	16QAM	100	0	20.48	20.53	20.43		
20	64QAM	1	0	20.43	20.42	20.34		
20	64QAM	1	48	20.26	20.28	20.32	22	2
20	64QAM	1	96	20.27	20.26	20.15		
20	64QAM	50	0	19.49	19.54	19.47		
20	64QAM	50	24	19.35	19.47	19.31	21	3
20	64QAM	50	50	19.43	19.44	19.25		
20	64QAM	100	0	19.45	19.51	19.45		
20	256QAM	1	0	17.48	17.82	17.48	19	5
20	256QAM	1	48	17.41	17.37	17.34		
20	256QAM	1	96	17.38	17.40	17.34		
20	256QAM	50	0	17.51	17.54	17.45	19	5
20	256QAM	50	24	17.52	17.48	17.30		
20	256QAM	50	50	17.42	17.24	17.30		
20	256QAM	100	0	17.32	17.28	17.13		
Channel				1867.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.39	22.52	22.53	24	0
15	QPSK	1	37	22.35	22.40	22.41		
15	QPSK	1	74	22.27	22.31	22.35		
15	QPSK	36	0	21.44	21.54	21.35	23	1
15	QPSK	36	20	21.32	21.39	21.28		
15	QPSK	36	39	21.42	21.37	21.23		
15	QPSK	36	58	21.45	21.48	21.41	23	1
15	16QAM	1	0	21.35	21.31	21.20		
15	16QAM	1	37	21.19	21.21	21.19		
15	16QAM	1	74	21.24	21.17	21.07	22	2
15	16QAM	36	0	20.45	20.52	20.41		
15	16QAM	36	20	20.31	20.33	20.34		
15	16QAM	75	0	20.46	20.51	20.33	22	2
15	64QAM	1	0	20.31	20.38	20.26		
15	64QAM	1	37	20.18	20.20	20.26		
15	64QAM	1	74	20.25	20.19	20.15	21	3
15	64QAM	36	0	19.42	19.45	19.45		
15	64QAM	36	20	19.32	19.44	19.29		
15	64QAM	36	39	19.34	19.35	19.17	19	5
15	64QAM	75	0	19.41	19.38	19.38		
15	256QAM	1	0	17.38	17.45	17.46		
15	256QAM	1	37	17.35	17.33	17.29	19	5
15	256QAM	1	74	17.33	17.39	17.25		
15	256QAM	36	0	17.46	17.48	17.34		
15	256QAM	36	20	17.42	17.45	17.34	19	5
15	256QAM	36	39	17.14	17.17	17.24		
15	256QAM	75	0	17.32	17.27	17.11		
Channel				1862.5	1880	1915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.44	22.52	22.45	24	0
10	QPSK	1	25	22.37	22.35	22.40		
10	QPSK	1	48	22.34	22.39	22.33		
10	QPSK	25	0	21.38	21.49	21.37	23	1
10	QPSK	25	12	21.33	21.33	21.26		
10	QPSK	25	25	21.37	21.38	21.25		
10	QPSK	50	0	21.42	21.42	21.38	23	1
10	16QAM	1	0	21.37	21.39	21.25		
10	16QAM	1	25	21.10	21.24	21.19		
10	16QAM	1	48	21.28	21.17	21.10	22	2
10	16QAM	25	0	20.38	20.43	20.37		
10	16QAM	25	12	20.36	20.30	20.31		
10	16QAM	25	25	20.42	20.44	20.26	22	2
10	64QAM	1	0	20.37	20.42	20.42		
10	64QAM	1	0	20.38	20.34	20.23		
10	64QAM	1	25	20.15	20.22	20.26	21	3
10	64QAM	1	48	20.26	20.15	20.08		
10	64QAM	25	0	19.41	19.45	19.35		
10	64QAM	25	12	19.25	19.41	19.27	19	5
10	64QAM	25	25	19.37	19.40	19.22		
10	64QAM	50	0	19.43	19.45	19.34		
10	256QAM	1	0	17.38	17.45	17.44	19	5
10	256QAM	1	25	17.38	17.25	17.34		
10	256QAM	1	48	17.34	17.32	17.26		
10	256QAM	25	0	17.42	17.45	17.34	19	5
10	256QAM	25	12	17.42	17.38	17.26		
10	256QAM	25	25	17.17	17.15	17.24		
10	256QAM	50	0	17.23	17.20	17.08		
Channel				1862.5	1880	1917.5	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855.5	1880	1907.5		
5	QPSK	1	0	22.43	22.44	22.52	24	0
5	QPSK	1	12	22.33	22.34	22.44		
5	QPSK	1	24	22.27	22.33	22.38		
5	QPSK	12	0	21.41	21.48	21.34	23	1
5	QPSK	12	7	21.26	21.37	21.28		
5	QPSK	12	13	21.38	21.34	21.30		
5	QPSK	25	0	21.34	21.47	21.42	23	1
5	16QAM	1	0	21.38	21.37	21.27		
5	16QAM	1	12	21.20	21.25	21.26		
5	16QAM	11	24	21.20	21.18	21.10	22	2
5	16QAM	12	0	20.39	20.42	20.45		
5	16QAM	12	7	20.35	20.36	20.29		
5	16QAM	12	13	20.46	20.42	20.19	22	2
5	16QAM	25	0	20.48	20.49	20.41		
5	64QAM	1	0	20.31	20.39	20.27		
5	64QAM	1	12	20.19	20.18	20.32	21	3
5	64QAM	1	24	20.17	20.25	20.07		
5	64QAM	12	0	19.41	19.51	19.42		
5	64QAM	12	13	19.26	19.38	19.28	19	5
5	64QAM	25	0	19.42	19.41	19.38		
5	256QAM	1	0	17.43	17.43	17.43		
5	256QAM	1	12	17.29	17.31	17.29	19	5
5	256QAM	1	24	17.30	17.36	17.26		
5	256QAM	12	0	17.48	17.53	17.36		
5	256QAM	12	7	17.49	17.41	17.25	19	5
5	256QAM	12	13	17.14	17.22	17.27		
5	256QAM	25	0	17.22	17.28	17.11		
Channel				1861.5	1880	1918.5	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.42	22.50	22.43	24	0
3	QPSK	1	8	22.33	22.34	22.41		
3	QPSK	1	14	22.27	22.40	22.40		
3	QPSK	8	0	21.40	21.49	21.37	23	1
3	QPSK	8	8	21.27	21.32	21.28		
3	QPSK	8	7	21.42	21.34	21.30		
3	QPSK	15	0	21.38	21.42	21.38	23	1
3	16QAM	1	0	21.43	21.36	21.27		
3	16QAM	1	8	21.21	21.24	21.22		
3	16QAM	1	14	21.25	21.22	21.08	22	2
3	16QAM	8	0	20.45	20.51	20.37		
3	16QAM	8	4	20.33	20.34	20.31		
3	16QAM	8	7	20.40	20.45	20.23	22	2
3	16QAM	15	0	20.39	20.42	20.40		
3	64QAM	1	0	20.31	20.35	20.28		
3	64QAM	1	8	20.17	20.18	20.22	21	3
3	64QAM	1	14	20.23	20.25	20.10		
3	64QAM	8	4	19.40	19.52	19.42		
3	64QAM	8	4	19.27	19.38	19.27	19	5
3	64QAM	8	7	19.37	19.34	19.15		
3	64QAM	15	0	19.37	19.46	19.34		
3	256QAM	1	0	17.48	17.42	17.37	19	5
3	256QAM	1	8	17.32	17.32	17.32		
3	256QAM	1	14	17.35	17.33	17.33		
3	256QAM	8	0	17.44	17.47	17.39	19	5
3	256QAM	8	4	17.43	17.37	17.28		
3	256QAM	8	7	17.15	17.18	17.24		
3	256QAM	15	0	17.28	17.28	17.06		
Channel				1860.7	1880	1919.3	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.36	22.50	22.50	24	0
1.4	QPSK	1	3	22.32	22.44	22.43		
1.4	QPSK	1	5	22.32	22.31	22.37		
1.4	QPSK	3	0	22.33	22.49	22.46	23	1



### Band 2 Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				120.02	19.72	-80.58		
Frequency (MHz)				23.07	19.94	9.91		
20	QPSK	1	0	21.02	20.07	20.97	22.5	0
20	QPSK	1	49	20.92	20.97	20.92		
20	QPSK	1	99	20.98	20.98	20.87		
20	QPSK	50	0	20.06	20.11	20.04	21.5	1
20	QPSK	50	24	19.97	20.04	19.95		
20	QPSK	100	0	19.92	20.04	20.02		
20	16QAM	1	0	19.99	20.08	19.98	21.5	1
20	16QAM	1	49	20.00	19.95	19.98		
20	16QAM	1	99	19.98	19.98	19.92		
20	16QAM	50	0	19.07	19.05	19.08	20.5	2
20	16QAM	50	24	19.04	19.09	18.97		
20	16QAM	50	50	19.01	19.08	18.91		
20	16QAM	100	0	18.88	19.06	19.07		
20	64QAM	1	0	18.95	19.04	19.02	20.5	2
20	64QAM	1	49	19.00	19.00	18.93		
20	64QAM	1	99	18.98	18.92	18.90		
20	64QAM	50	0	18.08	18.12	17.98	19.5	3
20	64QAM	50	24	17.98	18.02	18.00		
20	64QAM	50	50	18.02	18.00	17.88		
20	64QAM	100	0	17.90	18.06	17.96		
20	256QAM	1	0	18.09	18.15	18.06	17.5	5
20	256QAM	1	49	18.08	18.03	18.08		
20	256QAM	1	99	18.02	18.02	18.53		
20	256QAM	50	0	18.07	18.06	18.04		
20	256QAM	50	24	18.98	18.04	18.98		
20	256QAM	50	50	18.06	18.00	18.01		
20	256QAM	100	0	18.00	18.00	18.07		
Channel				65.02	19.72	-55.58		
Frequency (MHz)				27.47	19.94	12.41		
15	QPSK	1	0	20.98	21.04	20.90	22.5	0
15	QPSK	1	37	20.96	20.96	20.82		
15	QPSK	1	74	20.95	20.97	20.88		
15	QPSK	36	0	20.04	20.06	20.02	21.5	1
15	QPSK	36	20	19.92	20.04	19.97		
15	QPSK	36	39	19.98	20.02	19.84		
15	QPSK	75	0	19.91	20.05	20.02		
15	16QAM	1	0	19.88	20.01	19.88	21.5	1
15	16QAM	1	37	19.93	19.87	19.97		
15	16QAM	1	74	18.95	18.96	18.84	20.5	2
15	16QAM	36	0	18.97	18.98	19.03		
15	16QAM	36	20	18.99	19.00	18.97		
15	16QAM	36	39	18.95	18.86	18.86		
15	16QAM	75	0	18.92	18.96	19.00		
15	64QAM	1	0	18.93	19.02	18.92	20.5	2
15	64QAM	1	37	18.92	18.94	18.83		
15	64QAM	1	74	18.95	18.92	18.90		
15	64QAM	36	0	17.99	18.07	17.94	19.5	3
15	64QAM	36	20	17.98	18.08	18.05		
15	64QAM	36	39	18.01	17.92	17.98		
15	64QAM	75	0	17.82	18.02	17.97		
15	256QAM	1	0	18.03	18.03	18.01	17.5	5
15	256QAM	1	37	18.03	18.03	18.08		
15	256QAM	1	74	18.94	18.98	18.85		
15	256QAM	36	0	18.92	18.03	18.97		
15	256QAM	36	20	18.91	18.98	18.89		
15	256QAM	36	39	18.98	18.98	18.91		
15	256QAM	75	0	18.91	18.95	18.93		
Channel				70.02	19.72	-30.58		
Frequency (MHz)				24.97	19.94	14.91		
10	QPSK	1	0	20.91	21.05	20.88	22.5	0
10	QPSK	1	24	20.88	20.94	20.81		
10	QPSK	1	49	20.93	20.91	20.82		
10	QPSK	25	0	20.01	20.02	19.93	21.5	1
10	QPSK	25	12	19.98	20.02	20.01		
10	QPSK	25	25	19.91	19.97	19.88		
10	QPSK	50	0	19.89	20.03	19.96		
10	16QAM	1	0	19.91	20.01	19.91	21.5	1
10	16QAM	1	25	19.90	19.88	19.97		
10	16QAM	1	49	19.92	19.85	19.82	20.5	2
10	16QAM	25	0	19.93	19.98	19.96		
10	16QAM	25	12	19.03	19.02	18.94		
10	16QAM	25	25	19.02	18.96	18.88		
10	16QAM	50	0	18.88	18.98	19.05		
10	64QAM	1	0	18.89	18.94	18.91	20.5	2
10	64QAM	1	25	18.93	18.92	18.88		
10	64QAM	1	49	18.91	18.86	18.83		
10	64QAM	25	0	17.96	18.06	17.97	19.5	3
10	64QAM	25	12	17.95	18.00	17.99		
10	64QAM	25	25	17.92	17.94	17.91		
10	64QAM	50	0	17.80	17.86	17.85		
10	256QAM	1	0	18.03	18.12	18.04	17.5	5
10	256QAM	1	25	18.05	18.98	18.97		
10	256QAM	1	49	18.02	18.97	18.94		
10	256QAM	25	0	18.95	18.04	18.02		
10	256QAM	25	12	18.87	18.97	18.89		
10	256QAM	25	25	18.98	18.90	18.85		
10	256QAM	50	0	18.83	18.84	18.87		
Channel				45.02	19.72	-5.58		
Frequency (MHz)				22.47	19.94	17.41		
5	QPSK	1	0	20.92	20.94	20.84	22.5	0
5	QPSK	1	12	20.86	20.92	20.82		
5	QPSK	1	24	20.88	20.93	20.81		
5	QPSK	12	0	20.98	20.98	20.80	21.5	1
5	QPSK	12	7	19.94	19.94	19.93		
5	QPSK	12	13	19.90	20.02	19.90		
5	QPSK	25	0	19.88	19.99	19.97		
5	16QAM	1	0	19.93	20.01	19.95	21.5	1
5	16QAM	1	12	19.96	19.93	19.94		
5	16QAM	1	24	19.95	19.91	19.90		
5	16QAM	12	0	19.07	18.99	19.04	20.5	2
5	16QAM	12	7	18.99	19.04	18.88		
5	16QAM	12	13	18.98	18.98	18.83		
5	16QAM	25	0	18.91	18.98	19.06		
5	64QAM	1	0	18.93	18.97	18.84	20.5	2
5	64QAM	1	12	18.98	18.96	18.87		
5	64QAM	1	24	18.99	18.99	18.79		
5	64QAM	12	0	18.05	18.05	17.92		
5	64QAM	12	7	17.88	18.08	18.04	19.5	3
5	64QAM	12	13	17.92	17.97	17.89		
5	64QAM	25	0	17.88	17.89	17.82		
5	256QAM	1	0	18.00	18.08	18.98	17.5	5
5	256QAM	1	12	18.08	18.02	18.04		
5	256QAM	1	24	18.97	18.98	18.92		
5	256QAM	12	0	18.78	18.97	18.96		
5	256QAM	12	7	18.91	18.90	18.90		
5	256QAM	12	13	18.85	18.99	18.94		
5	256QAM	25	0	18.91	18.85	18.89		
Channel				20.02	19.72	-4.58		
Frequency (MHz)				21.47	19.94	18.41		
3	QPSK	1	0	20.95	20.96	20.94	22.5	0
3	QPSK	1	8	20.89	20.87	20.86		
3	QPSK	1	14	20.86	20.90	20.87		
3	QPSK	3	0	20.02	20.10	20.01	21.5	1
3	QPSK	3	4	20.01	19.94	19.99		
3	QPSK	3	7	19.92	19.95	19.86		
3	QPSK	15	0	19.88	20.07	19.93		
3	16QAM	1	0	19.98	20.03	19.98	21.5	1
3	16QAM	1	8	19.94	19.85	19.94		
3	16QAM	1	14	19.87	19.84	19.88		
3	16QAM	3	0	19.06	18.95	19.05	20.5	2
3	16QAM	3	4	18.97	19.03	18.86		
3	16QAM	3	7	18.99	18.88	18.88		
3	16QAM	15	0	18.84	18.96	19.00		
3	64QAM	1	0	18.98	19.03	18.97	20.5	2
3	64QAM	1	8	18.92	18.99	18.85		
3	64QAM	1	14	18.95	18.86	18.83		
3	64QAM	3	0	18.00	18.12	17.80	19.5	3
3	64QAM	3	4	17.95	18.04	18.02		
3	64QAM	3	7	17.98	17.88	17.87		
3	64QAM	15	0	17.80	18.00	17.98		
3	256QAM	1	0	18.00	18.07	18.96	17.5	5
3	256QAM	1	8	18.08	18.02	18.01		
3	256QAM	1	14	18.96	18.96	18.90		
3	256QAM	3	0	18.95	18.02	18.95		
3	256QAM	3	4	18.90	18.95	18.91		



### 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	22.63	22.66	22.54	24	0
10	QPSK	25	0	21.59	21.65	21.60	23	1
10	QPSK	50	0	21.56	21.62	21.59		

### Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.17	21.24	21.16	22.5	0
20	QPSK	50	0	20.05	20.18	20.14	21.5	1
20	QPSK	100	0	20.10	20.18	20.09		

### Band 4 Ant 2

BW [MHz]	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	22.39	22.40	22.35	24	0
20	QPSK	50	0	21.39	21.48	21.43	23	1
20	QPSK	100	0	21.31	21.45	21.41		

### Band 7 Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.75	22.90	22.77	24	0
20	QPSK	50	0	21.82	21.88	21.79	23	1
20	QPSK	100	0	21.78	21.90	21.88		

### Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.85	20.86	20.77	22.5	0
20	QPSK	50	0	19.86	19.90	19.77	21.5	1
20	QPSK	100	0	19.74	19.87	19.82		

### 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	22.56	22.59	22.56	24	0
10	QPSK	25	0	21.54	21.65	21.56	23	1
10	QPSK	50	0	21.53	21.62	21.59		

### Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.63	22.71	22.57	24	0
20	QPSK	50	0	21.62	21.67	21.61	23	1
20	QPSK	100	0	21.59	21.62	21.58		

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				23960	23995	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.34	22.41	22.38	24	0
10	QPSK	25	0	21.32	21.48	21.41	23	1
10	QPSK	50	0	21.36	21.43	21.39		

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.03	21.10	20.98	22.5	0
20	QPSK	50	0	20.04	20.11	20.05	21.5	1
20	QPSK	100	0	19.98	20.03	19.93		

Band 66 Ant 2								
BW [MHz]	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	22.44	22.59	22.54	24	0
20	QPSK	50	0	21.46	21.63	21.47	23	1
20	QPSK	100	0	21.42	21.53	21.49		

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	22.22	22.40	22.28	24	0
10	QPSK	25	0	21.15	21.37	21.20	23	1
10	QPSK	50	0	21.19	21.36	21.15		

Band 12 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.33	22.36	22.34	24	0
10	QPSK	25	0	21.38	21.46	21.43	23	1
10	QPSK	50	0	21.36	21.40	21.31		

Band 26 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.65	22.72	22.54	24	0
15	QPSK	36	0	21.61	21.73	21.53	23	1
15	QPSK	75	0	21.57	21.69	21.62		

### Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.68	22.75	22.69	24	0
15	QPSK	36	0	21.76	21.79	21.62	23	1
15	QPSK	75	0	21.72	21.81	21.70		

### Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.21	22.31	22.20	24	0
10	QPSK	25	0	21.22	21.40	21.21	23	1
10	QPSK	50	0	21.26	21.29	21.23		

### Band 66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.28	21.31	21.21	22.5	0
20	QPSK	50	0	20.15	20.26	20.15	21.5	1
20	QPSK	100	0	20.15	20.24	20.18		



### Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.26	21.36	21.23	23	0
20	QPSK	50	0	20.21	20.27	20.26	22	1
20	QPSK	100	0	20.20	20.35	20.28		

### Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.52	21.53	21.49	23	0
20	QPSK	50	0	20.53	20.62	20.42	22	1
20	QPSK	100	0	20.44	20.52	20.39		

### Band 38 Ant 2

BW [MHz]	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	22.17	22.27	22.24	23.5	0
20	QPSK	50	0	21.13	21.25	21.08	22.5	1
20	QPSK	100	0	21.01	21.07	20.88		

### Band 42 Part 27Q 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.64	22.75	22.56	24	0
20	QPSK	50	0	21.57	21.68	21.52	23	1
20	QPSK	100	0	21.42	21.47	21.46		

### Band 38 Ant 10

BW [MHz]	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	22.53	22.63	22.61	24	0
20	QPSK	50	0	21.56	21.63	21.61	23	1
20	QPSK	100	0	21.52	21.55	21.55		

### Band 38 HPUE 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.27	24.30	24.17	26	0
20	QPSK	50	0	23.23	23.32	23.27	25	1
20	QPSK	100	0	23.23	23.35	23.31		

### Band 38 HPUE 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.52	24.61	24.57	26	0
20	QPSK	50	0	23.48	23.63	23.56	25	1
20	QPSK	100	0	23.48	23.60	23.58		

### Band 38 HPUE Ant 2

BW [MHz]	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	25.15	25.27	25.20	26.5	0
20	QPSK	50	0	24.19	24.31	24.16	25.5	1
20	QPSK	100	0	24.15	24.28	24.00		

### Band 38 HPUE Ant 10

BW [MHz]	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	25.67	25.76	25.66	27	0
20	QPSK	50	0	24.59	24.56	24.55	26	1
20	QPSK	100	0	24.57	24.56	24.49		



### Band 41 Ant 0

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	23	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.42	21.38	21.45	21.36	21.31	22	1
20	QPSK	50	0	20.30	20.35	20.51	20.43	20.37		
20	QPSK	100	0	20.24	20.31	20.41	20.30	20.30		

### Band 41 Ant 1

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	23	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.52	21.53	21.59	21.51	21.52	22	1
20	QPSK	50	0	20.54	20.53	20.60	20.55	20.58		
20	QPSK	100	0	20.39	20.51	20.52	20.42	20.49		

### Band 41 Ant 2

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	23.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.26	22.19	22.32	22.31	22.24	22.5	1
20	QPSK	50	0	21.07	21.18	21.25	21.10	21.14		
20	QPSK	100	0	21.05	21.06	21.12	21.03	21.07		

### Band 41 Ant 10

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	24	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.61	22.85	22.76	22.68	22.68	23	1
20	QPSK	50	0	21.62	21.66	21.74	21.62	21.58		
20	QPSK	100	0	21.58	21.70	21.69	21.57	21.61		

### Band 41 HPUE Ant 0

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	26	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.31	24.40	24.43	24.31	24.38	25	1
20	QPSK	50	0	23.32	23.43	23.51	23.49	23.47		
20	QPSK	100	0	23.38	23.36	23.42	23.28	23.25		

### Band 41 HPUE Ant 1

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	26	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.50	24.62	24.64	24.54	24.50	25	1
20	QPSK	50	0	23.54	23.49	23.71	23.60	23.49		
20	QPSK	100	0	23.40	23.47	23.56	23.37	23.49		

### Band 41 HPUE Ant 2

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	26.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.25	25.26	25.38	25.31	25.21	25.5	1
20	QPSK	50	0	24.34	24.30	24.50	24.43	24.35		
20	QPSK	100	0	24.25	24.19	24.43	24.35	24.34		

### Band 41 HPUE Ant 10

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	27	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.67	25.81	25.82	25.68	25.69	26	1
20	QPSK	50	0	24.64	24.63	24.77	24.71	24.58		
20	QPSK	100	0	24.61	24.60	24.63	24.64	24.55		



## Reduced Power Mode DSI2

GSM850 Ant 0 DSI2		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		
GPRS 3 Tx slots	28.26	28.68	28.74	30.00	24.00	24.42	24.48	25.74	

Band		WCDMA V Ant 0 DSI2			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	RMC 12.2Kbps	22.16	22.18	22.09	24.00

GSM850 Ant 1 DSI2		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		
GPRS 4 Tx slots	23.15	23.41	23.35	24.50	20.15	20.41	20.35	21.50	

GSM1900 Ant 1 DSI2		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		
GPRS 4 Tx slots	17.46	17.53	17.48	18.60	14.46	14.53	14.48	15.60	

Band		WCDMA II Ant 1 DSI2			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI2			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI2			Tune-up Limit (dBm)
TX Channel	9262	9400	9538	1312		1413	1513	4132		4182	4233		
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458				
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6				
3GPP Rel 99	RMC 12.2Kbps	13.59	13.74	13.68	14.70	13.87	13.95	13.91	15.30	19.87	19.94	19.86	21.00

GSM1900 Ant 2 DSI2		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		
GPRS 3 Tx slots	24.99	24.65	24.64	26.00	20.73	20.39	20.38	21.74	

Band		WCDMA II Ant 2 DSI2			Tune-up Limit (dBm)	WCDMA IV Ant 2 DSI2			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	RMC 12.2Kbps	22.04	22.09	22.03	23.00	21.91	21.96	21.93	23.00



Band 2 Ant 1 DS12										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				1870	1880	1900				
Frequency (MHz)										
20	QPSK	1	0	14.69	14.74	14.82	14.75	16.3	0	
20	QPSK	1	49	14.74	14.82	14.75	14.75	16.3	0	
20	QPSK	1	99	14.69	14.74	14.75	14.75	16.3	0	
20	QPSK	50	0	14.74	14.82	14.75	14.75	16.3	0	
20	QPSK	50	24	14.66	14.83	14.78	14.78	16.3	0	
20	QPSK	50	50	14.70	14.78	14.75	14.75	16.3	0	
20	QPSK	100	0	14.69	14.78	14.75	14.75	16.3	0	
20	16QAM	1	0	14.69	14.78	14.75	14.75	16.3	0	
20	16QAM	1	49	14.67	14.67	14.63	14.63	16.3	0	
20	16QAM	1	99	14.61	14.64	14.60	14.60	16.3	0	
20	16QAM	50	0	14.61	14.69	14.73	14.73	16.3	0	
20	16QAM	50	24	14.59	14.63	14.60	14.60	16.3	0	
20	16QAM	50	50	14.59	14.63	14.60	14.60	16.3	0	
20	16QAM	100	0	14.58	14.62	14.63	14.63	16.3	0	
20	64QAM	1	0	14.67	14.77	14.76	14.76	16.3	0	
20	64QAM	1	49	14.60	14.73	14.64	14.64	16.3	0	
20	64QAM	1	99	14.63	14.69	14.63	14.63	16.3	0	
20	64QAM	50	0	14.65	14.79	14.64	14.64	16.3	0	
20	64QAM	50	24	14.59	14.76	14.69	14.69	16.3	0	
20	64QAM	50	50	14.59	14.76	14.69	14.69	16.3	0	
20	64QAM	100	0	14.59	14.62	14.67	14.67	16.3	0	
20	256QAM	1	0	14.70	14.70	14.69	14.69	16.3	0	
20	256QAM	1	49	14.54	14.61	14.66	14.66	16.3	0	
20	256QAM	1	99	14.61	14.68	14.66	14.66	16.3	0	
20	256QAM	50	0	14.61	14.71	14.74	14.74	16.3	0	
20	256QAM	50	24	14.62	14.70	14.66	14.66	16.3	0	
20	256QAM	50	50	14.62	14.70	14.67	14.67	16.3	0	
20	256QAM	100	0	14.57	14.62	14.62	14.62	16.3	0	
Channel				1875	1890	1925				
Frequency (MHz)										
15	QPSK	1	0	14.65	14.74	14.71	14.71	16.3	0	
15	QPSK	1	37	14.67	14.66	14.60	14.60	16.3	0	
15	QPSK	1	74	14.60	14.68	14.62	14.62	16.3	0	
15	QPSK	36	0	14.65	14.70	14.69	14.69	16.3	0	
15	QPSK	36	20	14.58	14.77	14.70	14.70	16.3	0	
15	QPSK	36	39	14.58	14.71	14.63	14.63	16.3	0	
15	QPSK	75	0	14.57	14.61	14.70	14.70	16.3	0	
15	16QAM	1	0	14.54	14.69	14.63	14.63	16.3	0	
15	16QAM	1	37	14.60	14.61	14.53	14.53	16.3	0	
15	16QAM	1	74	14.47	14.76	14.65	14.65	16.3	0	
15	16QAM	36	0	14.51	14.59	14.65	14.65	16.3	0	
15	16QAM	36	20	14.45	14.69	14.53	14.53	16.3	0	
15	16QAM	36	39	14.45	14.54	14.53	14.53	16.3	0	
15	16QAM	75	0	14.47	14.53	14.56	14.56	16.3	0	
15	64QAM	1	0	14.56	14.61	14.66	14.66	16.3	0	
15	64QAM	1	37	14.50	14.54	14.49	14.49	16.3	0	
15	64QAM	1	74	14.51	14.54	14.49	14.49	16.3	0	
15	64QAM	36	0	14.49	14.72	14.66	14.66	16.3	0	
15	64QAM	36	20	14.45	14.68	14.64	14.64	16.3	0	
15	64QAM	36	39	14.58	14.61	14.53	14.53	16.3	0	
15	64QAM	75	0	14.45	14.53	14.56	14.56	16.3	0	
15	256QAM	1	0	14.67	14.56	14.51	14.51	16.3	0	
15	256QAM	1	37	14.51	14.50	14.53	14.53	16.3	0	
15	256QAM	1	74	14.54	14.54	14.58	14.58	16.3	0	
15	256QAM	36	0	14.48	14.59	14.59	14.59	16.3	0	
15	256QAM	36	20	14.45	14.65	14.51	14.51	16.3	0	
15	256QAM	36	39	14.47	14.65	14.53	14.53	16.3	0	
15	256QAM	75	0	14.47	14.60	14.60	14.60	16.3	0	
Channel				1885	1900	1910				
Frequency (MHz)										
10	QPSK	1	0	14.69	14.74	14.75	14.75	16.3	0	
10	QPSK	1	25	14.66	14.77	14.61	14.61	16.3	0	
10	QPSK	1	49	14.60	14.69	14.68	14.68	16.3	0	
10	QPSK	25	0	14.63	14.72	14.75	14.75	16.3	0	
10	QPSK	25	12	14.60	14.78	14.67	14.67	16.3	0	
10	QPSK	25	25	14.63	14.63	14.67	14.67	16.3	0	
10	QPSK	50	0	14.66	14.62	14.63	14.63	16.3	0	
10	16QAM	1	0	14.59	14.67	14.63	14.63	16.3	0	
10	16QAM	1	25	14.54	14.53	14.50	14.50	16.3	0	
10	16QAM	1	49	14.55	14.57	14.45	14.45	16.3	0	
10	16QAM	25	0	14.54	14.54	14.60	14.60	16.3	0	
10	16QAM	25	12	14.53	14.71	14.62	14.62	16.3	0	
10	16QAM	25	25	14.55	14.57	14.54	14.54	16.3	0	
10	16QAM	50	0	14.50	14.52	14.55	14.55	16.3	0	
10	64QAM	1	0	14.60	14.64	14.70	14.70	16.3	0	
10	64QAM	1	25	14.48	14.68	14.53	14.53	16.3	0	
10	64QAM	1	49	14.54	14.64	14.50	14.50	16.3	0	
10	64QAM	25	0	14.48	14.73	14.53	14.53	16.3	0	
10	64QAM	25	12	14.48	14.62	14.57	14.57	16.3	0	
10	64QAM	25	25	14.55	14.66	14.60	14.60	16.3	0	
10	64QAM	50	0	14.54	14.56	14.51	14.51	16.3	0	
10	256QAM	1	0	14.63	14.66	14.56	14.56	16.3	0	
10	256QAM	1	25	14.47	14.59	14.48	14.48	16.3	0	
10	256QAM	1	49	14.47	14.60	14.56	14.56	16.3	0	
10	256QAM	25	0	14.53	14.66	14.66	14.66	16.3	0	
10	256QAM	25	12	14.42	14.66	14.56	14.56	16.3	0	
10	256QAM	25	25	14.55	14.57	14.51	14.51	16.3	0	
10	256QAM	50	0	14.63	14.47	14.49	14.49	16.3	0	
Channel				1895	1890	1915				
Frequency (MHz)										
5	QPSK	1	0	14.69	14.70	14.77	14.77	16.3	0	
5	QPSK	1	12	14.58	14.71	14.66	14.66	16.3	0	
5	QPSK	1	24	14.58	14.66	14.63	14.63	16.3	0	
5	QPSK	12	0	14.68	14.75	14.72	14.72	16.3	0	
5	QPSK	12	7	14.55	14.67	14.70	14.70	16.3	0	
5	QPSK	12	13	14.58	14.71	14.63	14.63	16.3	0	
5	QPSK	25	0	14.65	14.61	14.70	14.70	16.3	0	
5	16QAM	1	0	14.60	14.70	14.65	14.65	16.3	0	
5	16QAM	1	12	14.58	14.60	14.51	14.51	16.3	0	
5	16QAM	1	24	14.46	14.56	14.50	14.50	16.3	0	
5	16QAM	12	0	14.52	14.60	14.63	14.63	16.3	0	
5	16QAM	12	7	14.42	14.65	14.61	14.61	16.3	0	
5	16QAM	12	13	14.50	14.52	14.48	14.48	16.3	0	
5	16QAM	25	0	14.45	14.53	14.54	14.54	16.3	0	
5	64QAM	1	0	14.62	14.62	14.61	14.61	16.3	0	
5	64QAM	1	12	14.48	14.58	14.59	14.59	16.3	0	
5	64QAM	1	24	14.50	14.55	14.50	14.50	16.3	0	
5	64QAM	12	0	14.53	14.74	14.51	14.51	16.3	0	
5	64QAM	12	7	14.55	14.62	14.65	14.65	16.3	0	
5	64QAM	12	13	14.59	14.63	14.56	14.56	16.3	0	
5	64QAM	25	0	14.49	14.59	14.59	14.59	16.3	0	
5	256QAM	1	0	14.65	14.57	14.62	14.62	16.3	0	
5	256QAM	1	12	14.49	14.56	14.49	14.49	16.3	0	
5	256QAM	1	24	14.54	14.55	14.53	14.53	16.3	0	
5	256QAM	12	0	14.48	14.58	14.64	14.64	16.3	0	
5	256QAM	12	7	14.37	14.64	14.56	14.56	16.3	0	
5	256QAM	12	13	14.58	14.55	14.58	14.58	16.3	0	
5	256QAM	25	0	14.48	14.55	14.47	14.47	16.3	0	
Channel				1895	1890	1915				
Frequency (MHz)										
3	QPSK	1	0	14.72	14.79	14.69	14.69	16.3	0	
3	QPSK	1	8	14.65	14.67	14.68	14.68	16.3	0	
3	QPSK	1	14	14.63	14.69	14.60	14.60	16.3	0	
3	QPSK	8	0	14.61	14.70	14.68	14.68	16.3	0	
3	QPSK	8	4	14.65	14.78	14.62	14.62	16.3	0	
3	QPSK	8	7	14.62	14.70	14.68	14.68	16.3	0	
3	QPSK	15	0	14.61	14.69	14.65	14.65	16.3	0	
3	16QAM	1	0	14.58	14.71	14.67	14.67	16.3	0	
3	16QAM	1	8	14.51	14.56	14.51	14.51	16.3	0	
3	16QAM	1	14	14.46	14.54	14.54	14.54	16.3	0	
3	16QAM	8	0	14.47	14.60	14.59	14.59	16.3	0	
3	16QAM	8	4	14.47	14.71	14.58	14.58	16.3	0	
3	16QAM	8	7	14.46	14.48	14.53	14.53	16.3	0	
3	16QAM	15	0	14.47	14.52	14.51	14.51	16.3	0	
3	64									



Band 2 Ant 2 DSI2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Time-up limit (dBm)	MPR (dB)
Channel				1860	1880	1900		
20	QPSK	1	0	21.02	21.02	20.97	22.5	0
20	QPSK	1	49	20.98	20.98	20.87		
20	QPSK	50	0	20.96	20.11	20.04		
20	QPSK	50	24	20.03	20.05	20.03		
20	QPSK	50	50	19.97	20.04	19.95		
20	QPSK	100	0	19.95	20.08	19.98		
20	16QAM	1	0	19.95	20.08	19.98		
20	16QAM	1	49	20.00	19.95	19.88		
20	16QAM	1	99	19.96	19.96	19.92		
20	16QAM	50	0	19.07	19.05	19.06		
20	16QAM	50	0	18.08	18.12	17.88		
20	16QAM	50	50	19.02	18.99	18.51		
20	16QAM	100	0	18.86	19.06	18.07		
20	64QAM	1	0	18.99	19.04	19.02		
20	64QAM	1	49	19.00	19.00	18.53		
20	64QAM	1	99	18.98	18.92	18.90		
20	64QAM	50	0	17.98	17.98	17.98		
20	64QAM	50	24	17.98	18.09	18.09		
20	64QAM	50	50	18.02	18.00	17.98		
20	64QAM	100	0	17.90	18.08	17.98		
20	256QAM	1	0	16.09	16.15	16.06		
20	256QAM	1	49	16.08	16.02	15.98		
20	256QAM	1	99	16.02	16.02	15.93		
20	256QAM	50	0	15.87	16.06	16.04		
20	256QAM	50	24	15.96	16.04	15.98		
20	256QAM	50	50	15.06	16.00	16.01		
20	256QAM	100	0	15.93	15.90	15.97		
Channel				1867.5	1900	1907.5	limit	MPR
Frequency (MHz)				1867.5	1860	1865.5	(dBm)	(dB)
15	QPSK	1	0	20.98	21.04	20.90	22.5	0
15	QPSK	1	37	20.86	20.88	20.82		
15	QPSK	1	74	20.95	20.97	20.86		
15	QPSK	36	0	20.04	20.06	20.02		
15	QPSK	36	20	19.93	20.04	19.97		
15	QPSK	36	39	19.96	20.02	19.84		
15	QPSK	75	0	19.91	20.05	20.02		
15	16QAM	1	0	19.89	20.01	19.88		
15	16QAM	1	37	19.97	19.97	19.87		
15	16QAM	1	74	19.89	19.96	19.84		
15	16QAM	36	0	18.97	18.98	19.03		
15	16QAM	36	20	19.92	19.02	18.97		
15	16QAM	36	39	19.95	18.98	18.89		
15	16QAM	75	0	18.82	18.96	19.00		
15	64QAM	1	0	19.93	19.93	19.83		
15	64QAM	1	37	19.92	19.94	19.83		
15	64QAM	1	74	19.90	19.82	19.80		
15	64QAM	36	0	17.98	18.07	17.84		
15	64QAM	36	20	17.91	18.08	18.05		
15	64QAM	36	39	18.01	17.92	17.98		
15	64QAM	75	0	17.82	18.02	17.87		
15	256QAM	1	0	16.05	16.03	16.01		
15	256QAM	1	37	16.03	15.95	16.08		
15	256QAM	1	74	15.94	15.99	15.89		
15	256QAM	36	0	15.96	15.96	15.97		
15	256QAM	36	20	15.91	15.96	15.89		
15	256QAM	36	39	15.96	15.96	16.01		
15	256QAM	75	0	15.81	15.89	15.93		
Channel				1860	1880	1910	limit	MPR
Frequency (MHz)				1860	1880	1910	(dBm)	(dB)
10	QPSK	1	0	20.91	21.05	20.83	22.5	0
10	QPSK	1	25	20.80	20.84	20.81		
10	QPSK	1	49	20.93	20.91	20.82		
10	QPSK	25	0	20.01	20.02	19.93		
10	QPSK	25	12	19.97	20.02	20.01		
10	QPSK	25	25	19.91	19.97	19.85		
10	QPSK	50	0	19.89	20.03	19.98		
10	16QAM	1	0	19.91	20.01	19.91		
10	16QAM	1	25	19.90	19.88	19.97		
10	16QAM	1	49	19.92	19.85	19.82		
10	16QAM	25	0	19.03	19.08	18.96		
10	16QAM	25	12	19.03	19.02	18.94		
10	16QAM	25	25	19.02	18.90	18.89		
10	16QAM	50	0	18.86	18.98	19.05		
10	64QAM	1	0	18.89	18.94	18.91		
10	64QAM	1	25	19.90	18.92	18.89		
10	64QAM	1	49	18.91	18.86	18.83		
10	64QAM	25	0	17.96	18.08	17.97		
10	64QAM	25	12	17.95	18.02	17.97		
10	64QAM	25	25	17.92	17.94	17.91		
10	64QAM	50	0	17.80	17.98	17.95		
10	256QAM	1	0	16.08	16.12	16.02		
10	256QAM	1	25	15.95	15.96	15.97		
10	256QAM	1	49	16.02	15.97	15.84		
10	256QAM	25	0	15.89	16.04	16.02		
10	256QAM	25	12	15.87	15.97	15.89		
10	256QAM	25	25	15.05	15.90	15.96		
10	256QAM	50	0	15.83	15.84	15.87		
Channel				1867.5	1880	1910	limit	MPR
Frequency (MHz)				1867.5	1880	1910	(dBm)	(dB)
5	QPSK	1	0	20.92	20.99	20.89	22.5	0
5	QPSK	1	12	20.86	20.92	20.82		
5	QPSK	1	24	20.88	20.83	20.81		
5	QPSK	12	0	19.96	20.06	20.00		
5	QPSK	12	7	19.94	20.04	19.93		
5	QPSK	12	13	19.90	20.02	19.90		
5	QPSK	25	0	19.88	19.99	19.97		
5	16QAM	1	0	19.93	20.01	19.95		
5	16QAM	1	12	19.95	19.93	19.94		
5	16QAM	1	24	19.86	19.91	19.90		
5	16QAM	12	0	19.07	18.98	19.04		
5	16QAM	12	7	18.99	19.04	18.80		
5	16QAM	12	13	18.96	18.96	18.83		
5	16QAM	25	0	18.91	18.98	18.89		
5	64QAM	1	0	18.92	18.97	18.94		
5	64QAM	1	12	18.98	18.96	18.87		
5	64QAM	1	24	18.89	18.86	18.79		
5	64QAM	12	0	18.05	18.05	17.92		
5	64QAM	12	7	17.88	18.08	18.04		
5	64QAM	12	13	17.92	17.97	17.80		
5	64QAM	25	0	17.86	17.99	17.95		
5	256QAM	1	0	16.00	16.06	15.98		
5	256QAM	1	12	16.05	16.06	16.02		
5	256QAM	1	24	15.97	15.97	15.92		
5	256QAM	12	0	15.76	15.97	15.96		
5	256QAM	12	7	15.94	16.01	15.90		
5	256QAM	12	13	15.95	15.99	15.94		
5	256QAM	25	0	15.91	15.85	15.89		
Channel				1867.5	1880	1910	limit	MPR
Frequency (MHz)				1867.5	1880	1910	(dBm)	(dB)
3	QPSK	1	0	20.95	20.98	20.94	22.5	0
3	QPSK	1	8	20.89	20.87	20.86		
3	QPSK	1	14	20.88	20.94	20.87		
3	QPSK	8	0	20.02	20.10	20.01		
3	QPSK	8	4	20.01	19.94	19.99		
3	QPSK	8	7	19.93	19.95	19.95		
3	QPSK	15	0	19.88	20.07	19.93		
3	16QAM	1	0	19.98	20.03	19.96		
3	16QAM	1	8	19.94	19.85	19.93		
3	16QAM	1	14	19.87	19.84	19.88		
3	16QAM	8	0	19.05	18.95	19.05		
3	16QAM	8	4	18.97	18.90	18.88		
3	16QAM	8	7	18.99	18.88	18.88		
3	16QAM	15	0	18.84	18.96	19.00		
3	64QAM	1	0	18.96	19.03	18.97		
3	64QAM	1	8	18.92	18.99	18.85		
3	64QAM	1	14	18.95	18.86	18.83		
3	64QAM	8	0	17.97	18.02	18.02		
3	64QAM	8	4	17.95	18.04	18.02		
3	64QAM	8	7	17.98	17.88	17.87		
3	256QAM	1	0	17.86	18.06	17.96		
3	256QAM	1	8	18.00	16.07	15.96		
3	256QAM	1	8	16.04	16.01	16.07		
3	256QAM	1	14	15.96	15.95	15.90		
3	256QAM	1	24	15.92	15.92	15.95		
3	256QAM	8	0	15.90	15.95	15.91		
3	256QAM	8	7	16.06	15.94	16.05		
3	256QAM	15	0	15.86	15.83	15.85		
Channel				1867	1880	1910	limit	MPR
Frequency (MHz)				1867				

### Band 5 Ant 0 DSI2

BW [MHz]	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	22.63	22.66	22.54	24	0
10	QPSK	25	0	21.59	21.65	21.60	23	1
10	QPSK	50	0	21.56	21.62	21.59		

### Band 12 Ant 0 DSI2

BW [MHz]	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	22.34	22.41	22.38	24	0
10	QPSK	25	0	21.32	21.48	21.41	23	1
10	QPSK	50	0	21.36	21.43	21.39		

### Band 26 Ant 0 DSI2

BW [MHz]	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	22.68	22.75	22.69	24	0
15	QPSK	36	0	21.76	21.79	21.82	23	1
15	QPSK	75	0	21.72	21.81	21.70		

### Band 7 Ant 0 DSI2

BW [MHz]	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	20.85	20.86	20.77	22.5	0
20	QPSK	50	0	19.86	19.90	19.77	21.5	1
20	QPSK	100	0	19.74	19.87	19.82		

### Band 17 Ant 0 DSI2

BW [MHz]	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	22.22	22.40	22.28	24	0
10	QPSK	25	0	21.15	21.37	21.20	23	1
10	QPSK	50	0	21.19	21.36	21.15		

### Band 7 Ant 10 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.41	21.48	21.42	22.9	0
20	QPSK	50	0	21.39	21.47	21.31	22.9	0
20	QPSK	100	0	21.24	21.45	21.42		



### Band 38 Ant 0 DSI2

BW [MHz]	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	23	0
20	QPSK	1	0	21.26	21.36	21.23		
20	QPSK	50	0	20.21	20.27	20.26		
20	QPSK	100	0	20.20	20.35	20.28	22	1

### Band 38 Ant 1 DSI2

BW [MHz]	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	15.8	0
20	QPSK	1	0	14.54	14.66	14.58		
20	QPSK	50	0	14.57	14.60	14.58		
20	QPSK	100	0	14.52	14.63	14.59	15.8	0

### Band 38 Ant 2 DSI2

BW [MHz]	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	23.5	0
20	QPSK	1	0	22.17	22.27	22.24		
20	QPSK	50	0	21.13	21.25	21.08		
20	QPSK	100	0	21.01	21.07	20.98	22.5	1

### Band 42 Part 27Q Ant 7 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540	19.2	0
20	QPSK	1	0	18.16	18.21	18.15		
20	QPSK	50	0	18.04	18.08	18.03		
20	QPSK	100	0	18.09	18.14	18.13	19.2	0

### Band 38 Ant 10 DSI2

BW [MHz]	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	23	0.3
20	QPSK	1	0	21.89	22.09	21.99		
20	QPSK	50	0	21.64	21.78	21.67		
20	QPSK	100	0	21.70	21.77	21.71		

### Band 38 HPUE Ant 0 DSI2

BW [MHz]	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	26	0
20	QPSK	1	0	24.27	24.30	24.17		
20	QPSK	50	0	23.23	23.32	23.27		
20	QPSK	100	0	23.23	23.35	23.31	25	1

### Band 38 HPUE Ant 1 DSI2

BW [MHz]	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	17.4	0
20	QPSK	1	0	16.32	16.48	16.38		
20	QPSK	50	0	16.30	16.45	16.37		
20	QPSK	100	0	16.32	16.44	16.41	17.4	0

### Band 38 HPUE Ant 2 DSI2

BW [MHz]	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	26.5	0
20	QPSK	1	0	25.15	25.27	25.20		
20	QPSK	50	0	24.19	24.31	24.16		
20	QPSK	100	0	24.15	24.28	24.00	25.5	1

### Band 38 HPUE Ant 10 DSI2

BW [MHz]	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	24.9	0
20	QPSK	1	0	23.62	23.61	23.49		
20	QPSK	50	0	23.43	23.63	23.46		
20	QPSK	100	0	23.57	23.58	23.44		



### Band 41 Ant 0 DSI2

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	21.42	21.38	21.45	21.36	21.31	23	0
20	QPSK	50	0	20.30	20.35	20.51	20.43	20.37	22	1
20	QPSK	100	0	20.24	20.31	20.41	20.30	20.30		

### Band 41 Ant 1 DSI2

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	14.71	14.68	14.73	14.71	14.57	15.8	0
20	QPSK	50	0	14.52	14.53	14.66	14.61	14.57	15.8	0
20	QPSK	100	0	14.60	14.53	14.67	14.59	14.62		

### Band 41 Ant 2 DSI2

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	22.26	22.19	22.32	22.31	22.24	23.5	0
20	QPSK	50	0	21.07	21.18	21.25	21.10	21.14	22.5	1
20	QPSK	100	0	21.05	21.06	21.12	21.03	21.07		

### Band 41 Ant 10 DSI2

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	21.99	22.06	22.12	22.11	22.09	23.3	0
20	QPSK	50	0	21.67	21.80	21.79	21.77	21.72	23	0.3
20	QPSK	100	0	21.61	21.82	21.78	21.80	21.75		

### Band 41 HPUE Ant 0 DSI2

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	24.31	24.40	24.43	24.31	24.36	26	0
20	QPSK	50	0	23.32	23.43	23.51	23.49	23.47	25	1
20	QPSK	100	0	23.38	23.36	23.42	23.28	23.25		

### Band 41 HPUE Ant 1 DSI2

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	16.46	16.43	16.54	16.49	16.46	17.4	0
20	QPSK	50	0	16.26	16.32	16.48	16.40	16.40	17.4	0
20	QPSK	100	0	16.31	16.32	16.44	16.40	16.34		

### Band 41 HPUE Ant 2 DSI2

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	25.25	25.26	25.38	25.31	25.21	26.5	0
20	QPSK	50	0	24.34	24.30	24.50	24.43	24.35	25.5	1
20	QPSK	100	0	24.25	24.19	24.43	24.35	24.34		

### Band 41 HPUE Ant 10 DSI2

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	23.54	23.57	23.68	23.66	23.57	24.9	0
20	QPSK	50	0	23.52	23.53	23.58	23.52	23.60	24.9	0
20	QPSK	100	0	23.52	23.54	23.61	23.61	23.58		

### Reduced Power Mode DSI3

GSM850 Ant 0 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189		251	128	189	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	26.77	26.86	26.83	27.90	23.77	23.86	23.83	24.90

Band	WCDMA V Ant 0 DSI3			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 RMC 12.2Kbps	22.16	22.18	22.09	24.00

GSM850 Ant 1 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189		251	128	189	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	26.14	26.31	26.23	27.40	23.14	23.31	23.23	24.40

GSM1900 Ant 1 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661		810	512	661	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	18.18	18.30	18.06	19.10	15.18	15.30	15.06	16.10

Band	WCDMA II Ant 1 DSI3			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI3			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI3			Tune-up Limit (dBm)
	TX Channel	9262	9400		9538	1312	1413		1513	4132	4182	
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99 RMC 12.2Kbps	12.64	12.70	12.67	14.10	14.65	14.67	14.58	15.70	22.57	22.64	22.54	24.00

GSM1900 Ant 2 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661		810	512	661	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 3 Tx slots	24.99	24.65	24.64	26.00	20.73	20.39	20.38	21.74

Band	WCDMA II Ant 2 DSI3			Tune-up Limit (dBm)	WCDMA IV Ant 2 DSI3			Tune-up Limit (dBm)
	TX Channel	9262	9400		9538	1312	1413	
Rx Channel	9662	9800	9938	1537	1638	1738		
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6		
3GPP Rel 99 RMC 12.2Kbps	20.12	20.18	20.05	21.40	18.64	18.69	18.60	20.10



### Band 2 Ant 1 DSI 3

BW (MHz)	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	18800	18900		
Frequency (MHz)								
20	QPSK	1	0	13.63	13.70	13.58		
20	QPSK	1	49	13.57	13.63	13.53	15.1	0
20	QPSK	1	99	13.48	13.58	13.43		
20	QPSK	50	0	13.53	13.58	13.49		
20	QPSK	50	24	13.47	13.57	13.43	15.1	0
20	QPSK	50	50	13.42	13.61	13.33		
20	QPSK	100	0	13.60	13.64	13.65		
20	16QAM	1	0	13.58	13.62	13.52		
20	16QAM	1	49	13.46	13.62	13.44	15.1	0
20	16QAM	1	99	13.40	13.43	13.35		
20	16QAM	50	0	13.44	13.59	13.42		
20	16QAM	50	24	13.40	13.43	13.39	15.1	0
20	16QAM	50	50	13.26	13.48	13.27		
20	16QAM	100	0	13.45	13.59	13.42		
20	64QAM	1	0	13.51	13.56	13.51		
20	64QAM	1	49	13.46	13.53	13.48	15.1	0
20	64QAM	1	99	13.44	13.51	13.33		
20	64QAM	50	0	13.39	13.60	13.42		
20	64QAM	50	24	13.37	13.60	13.35	15.1	0
20	64QAM	50	50	13.37	13.48	13.21		
20	64QAM	100	0	13.49	13.49	13.44		
20	256QAM	1	0	13.50	13.60	13.48		
20	256QAM	1	49	13.49	13.59	13.45	15.1	0
20	256QAM	1	99	13.42	13.45	13.29		
20	256QAM	50	0	13.48	13.52	13.45		
20	256QAM	50	24	13.38	13.44	13.30	15.1	0
20	256QAM	50	50	13.37	13.54	13.29		
20	256QAM	100	0	13.47	13.51	13.50		
Channel								
				18875	18900	18925		
Frequency (MHz)								
15	QPSK	1	0	13.49	13.65	13.43		
15	QPSK	1	37	13.42	13.51	13.47	15.1	0
15	QPSK	1	74	13.43	13.49	13.34		
15	QPSK	36	0	13.40	13.58	13.40		
15	QPSK	36	20	13.35	13.48	13.39	15.1	0
15	QPSK	36	38	13.36	13.55	13.26		
15	QPSK	75	0	13.46	13.61	13.45		
15	16QAM	1	0	13.43	13.58	13.43		
15	16QAM	1	37	13.35	13.48	13.40	15.1	0
15	16QAM	1	74	13.28	13.34	13.29		
15	16QAM	36	0	13.35	13.49	13.29		
15	16QAM	36	20	13.34	13.30	13.33	15.1	0
15	16QAM	36	38	13.17	13.33	13.20		
15	16QAM	75	0	13.38	13.45	13.31		
15	64QAM	1	0	13.42	13.50	13.39		
15	64QAM	1	37	13.37	13.38	13.42	15.1	0
15	64QAM	1	74	13.37	13.41	13.26		
15	64QAM	36	0	13.33	13.45	13.36		
15	64QAM	36	20	13.28	13.35	13.30	15.1	0
15	64QAM	36	38	13.20	13.32	13.25		
15	64QAM	75	0	13.37	13.34	13.30		
15	256QAM	1	0	13.42	13.45	13.35		
15	256QAM	1	37	13.41	13.45	13.28	15.1	0
15	256QAM	1	74	13.34	13.38	13.21		
15	256QAM	36	0	13.24	13.45	13.31		
15	256QAM	36	20	13.25	13.29	13.19	15.1	0
15	256QAM	36	38	13.21	13.39	13.19		
15	256QAM	75	0	13.39	13.42	13.38		
Channel								
				18950	18950	18950	limit	MPR
Frequency (MHz)								
10	QPSK	1	0	13.48	13.58	13.48		
10	QPSK	1	25	13.51	13.58	13.41	15.1	0
10	QPSK	1	49	13.43	13.48	13.38		
10	QPSK	25	0	13.47	13.55	13.44		
10	QPSK	25	12	13.36	13.44	13.37	15.1	0
10	QPSK	25	25	13.30	13.55	13.19		
10	QPSK	50	0	13.53	13.49	13.47		
10	16QAM	1	0	13.44	13.56	13.45		
10	16QAM	1	25	13.40	13.36	13.40	15.1	0
10	16QAM	1	49	13.27	13.37	13.28		
10	16QAM	25	0	13.34	13.52	13.29		
10	16QAM	25	12	13.26	13.28	13.29	15.1	0
10	16QAM	25	25	13.10	13.34	13.18		
10	16QAM	50	0	13.30	13.52	13.36		
10	64QAM	1	0	13.47	13.47	13.39		
10	64QAM	1	25	13.36	13.43	13.32	15.1	0
10	64QAM	1	49	13.34	13.41	13.21		
10	64QAM	25	0	13.34	13.53	13.30		
10	64QAM	25	12	13.32	13.37	13.30	15.1	0
10	64QAM	25	25	13.27	13.39	13.12		
10	64QAM	50	0	13.46	13.45	13.31		
10	256QAM	1	0	13.35	13.50	13.40		
10	256QAM	1	25	13.40	13.45	13.36	15.1	0
10	256QAM	1	49	13.34	13.39	13.22		
10	256QAM	25	0	13.27	13.40	13.35		
10	256QAM	25	12	13.29	13.38	13.25	15.1	0
10	256QAM	25	25	13.30	13.44	13.24		
10	256QAM	50	0	13.31	13.41	13.45		
Channel								
				18825	18900	18975	limit	MPR
Frequency (MHz)								
5	QPSK	1	0	13.49	13.61	13.47		
5	QPSK	1	12	13.42	13.55	13.42	15.1	0
5	QPSK	1	24	13.33	13.54	13.36		
5	QPSK	12	0	13.40	13.59	13.43		
5	QPSK	12	7	13.34	13.43	13.38	15.1	0
5	QPSK	12	13	13.30	13.54	13.22		
5	QPSK	25	0	13.44	13.58	13.41		
5	16QAM	1	0	13.50	13.56	13.38		
5	16QAM	1	12	13.37	13.37	13.37	15.1	0
5	16QAM	1	24	13.34	13.28	13.19		
5	16QAM	12	0	13.37	13.55	13.35		
5	16QAM	12	7	13.35	13.30	13.30	15.1	0
5	16QAM	12	13	13.14	13.41	13.11		
5	16QAM	25	0	13.36	13.47	13.27		
5	64QAM	1	0	13.47	13.42	13.35	15.1	0
5	64QAM	1	12	13.39	13.39	13.39		
5	64QAM	1	24	13.37	13.36	13.27		
5	64QAM	12	0	13.28	13.44	13.34		
5	64QAM	12	7	13.29	13.45	13.19	15.1	0
5	64QAM	12	13	13.30	13.32	13.12		
5	64QAM	25	0	13.43	13.40	13.30		
5	256QAM	1	0	13.35	13.54	13.34		
5	256QAM	1	12	13.38	13.53	13.37	15.1	0
5	256QAM	1	24	13.28	13.38	13.13		
5	256QAM	12	0	13.30	13.38	13.38		
5	256QAM	12	7	13.31	13.32	13.24	15.1	0
5	256QAM	12	13	13.26	13.43	13.23		
5	256QAM	25	0	13.41	13.45	13.38		
Channel								
				18915	18930	18945	limit	MPR
Frequency (MHz)								
3	QPSK	1	0	13.53	13.60	13.44		
3	QPSK	1	8	13.42	13.57	13.44	15.1	0
3	QPSK	1	14	13.38	13.62	13.34		
3	QPSK	8	0	13.44	13.57	13.44		
3	QPSK	8	4	13.38	13.45	13.35	15.1	0
3	QPSK	8	7	13.29	13.45	13.27		
3	QPSK	15	0	13.44	13.54	13.44		
3	16QAM	1	0	13.47	13.49	13.39		
3	16QAM	1	8	13.37	13.42	13.39	15.1	0
3	16QAM	1	14	13.27	13.36	13.22		
3	16QAM	8	0	13.53	13.45	13.34		
3	16QAM	8	4	13.26	13.38	13.34	15.1	0
3	16QAM	8	7	13.10	13.40	13.23		
3	16QAM	15	0	13.33	13.49	13.32		
3	64QAM	1	0	13.39	13.50	13.44		
3	64QAM	1	8	13.39	13.39	13.40	15.1	0
3	64QAM	1	14	13.38	13.44	13.20		
3	64QAM	8	0	13.31	13.50	13.36		
3	64QAM	8	4	13.32	13.40	13.24	15.1	0
3	64QAM	8	7	13.25	13.53	13.16		
3	64QAM	15	0	13.41	13.40	13.34		
3	256QAM	1	0	13.44	13.45	13.39		
3	256QAM	1	8	13.45	13.48	13.36	15.1	0
3	256QAM	1	14	13.34	13.35	13.19		





**Band 2 Ant 2 DSI3**

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				1860	1860	1860		
Frequency (MHz)				1860	1860	1860		
20	QPSK	1	0	18.88	18.95	18.83		
20	QPSK	1	49	18.74	18.86	18.68	20.4	0
20	QPSK	1	89	18.74	18.80	18.72		
20	QPSK	50	0	18.80	18.89	18.74		
20	QPSK	50	24	18.73	18.80	18.59	20.4	0
20	QPSK	50	50	18.73	18.75	18.68		
20	QPSK	100	0	18.81	18.88	18.82		
20	16QAM	1	0	18.74	18.90	18.74		
20	16QAM	1	49	18.68	18.89	18.62	20.4	0
20	16QAM	1	89	18.69	18.81	18.66		
20	16QAM	50	0	18.68	18.84	18.68		
20	16QAM	50	24	18.67	18.75	18.68	20.4	0
20	16QAM	50	50	18.65	18.73	18.49		
20	16QAM	100	0	18.73	18.73	18.75		
20	64QAM	1	0	18.74	18.89	18.70		
20	64QAM	1	49	18.82	18.74	18.60	20.4	0
20	64QAM	1	89	18.86	18.81	18.65		
20	64QAM	50	0	18.61	18.69	17.98		
20	64QAM	50	24	17.79	17.93	17.77	19.5	0.9
20	64QAM	50	50	17.88	17.97	17.88		
20	64QAM	100	0	17.92	17.84	17.84		
20	256QAM	1	0	15.95	15.07	15.98		
20	256QAM	1	49	15.83	15.64	15.81	17.5	2.9
20	256QAM	1	89	15.80	15.96	15.89		
20	256QAM	50	0	15.90	16.01	15.87		
20	256QAM	50	24	15.78	15.95	15.63	17.5	2.9
20	256QAM	50	50	15.83	15.90	15.89		
20	256QAM	100	0	15.89	15.95	15.92		
Channel				1867.5	1880	1912.5		
Frequency (MHz)				1867.5	1880	1912.5		
15	QPSK	1	0	18.79	18.84	18.71		
15	QPSK	1	37	18.69	18.81	18.65	20.4	0
15	QPSK	1	74	18.66	18.81	18.62		
15	QPSK	36	0	18.77	18.73	18.69		
15	QPSK	36	20	18.70	18.70	18.53	20.4	0
15	QPSK	36	59	18.63	18.72	18.56		
15	QPSK	75	0	18.78	18.74	18.56		
15	16QAM	1	0	18.62	18.81	18.66		
15	16QAM	1	37	18.55	18.71	18.49	20.4	0
15	16QAM	1	74	18.67	18.68	18.58		
15	16QAM	36	0	18.56	18.81	18.59		
15	16QAM	36	20	18.54	18.64	18.57	20.4	0
15	16QAM	36	59	18.54	18.62	18.66		
15	16QAM	75	0	18.81	18.69	18.71		
15	64QAM	1	0	18.66	18.78	18.59		
15	64QAM	1	37	18.67	18.63	18.57	20.4	0
15	64QAM	1	74	18.80	18.67	18.59		
15	64QAM	36	0	17.94	18.63	17.85		
15	64QAM	36	20	17.76	17.87	17.84	19.5	0.9
15	64QAM	36	59	17.78	17.84	17.75		
15	64QAM	75	0	17.82	17.85	17.69		
15	256QAM	1	0	15.69	16.01	15.89		
15	256QAM	1	37	15.75	15.86	15.75	17.5	2.9
15	256QAM	1	74	15.73	15.90	15.77		
15	256QAM	36	0	15.81	15.89	15.74		
15	256QAM	36	20	15.71	15.92	15.69	17.5	2.9
15	256QAM	36	59	15.75	15.77	15.63		
15	256QAM	75	0	15.86	15.91	15.84		
Channel				1875	1880	1905		
Frequency (MHz)				1875	1880	1905		
10	QPSK	1	0	18.81	18.91	18.75		
10	QPSK	1	25	18.65	18.73	18.61	20.4	0
10	QPSK	1	49	18.81	18.87	18.69		
10	QPSK	25	0	18.73	18.86	18.67		
10	QPSK	25	12	18.62	18.76	18.52	20.4	0
10	QPSK	25	25	18.63	18.68	18.60		
10	QPSK	50	0	18.78	18.78	18.75		
10	16QAM	1	0	18.72	18.81	18.68		
10	16QAM	1	25	18.62	18.73	18.54	20.4	0
10	16QAM	1	49	18.55	18.69	18.52		
10	16QAM	25	0	18.67	18.82	18.66		
10	16QAM	25	12	18.60	18.63	18.65	20.4	0
10	16QAM	25	25	18.63	18.61	18.43		
10	16QAM	50	0	18.67	18.67	18.61		
10	64QAM	1	0	18.66	18.81	18.56		
10	64QAM	1	25	18.59	18.70	18.51	20.4	0
10	64QAM	1	49	18.66	18.69	18.61		
10	64QAM	25	0	17.92	18.07	17.84		
10	64QAM	25	12	17.74	17.88	17.66	19.5	0.9
10	64QAM	25	28	17.63	17.91	17.99		
10	64QAM	50	0	17.85	17.82	17.71		
10	256QAM	1	0	15.84	15.95	15.92		
10	256QAM	1	25	15.79	15.87	15.99	17.5	2.9
10	256QAM	1	49	15.72	15.80	15.77		
10	256QAM	25	0	15.81	15.90	15.78		
10	256QAM	25	12	15.71	15.91	15.99	17.5	2.9
10	256QAM	25	25	15.76	15.86	15.81		
10	256QAM	50	0	15.81	15.90	15.90		
Channel				1882.5	1880	1917.5		
Frequency (MHz)				1882.5	1880	1917.5		
5	QPSK	1	0	18.80	18.89	18.78		
5	QPSK	1	12	18.68	18.76	18.60	20.4	0
5	QPSK	1	24	18.62	18.81	18.62		
5	QPSK	12	0	18.77	18.83	18.64		
5	QPSK	12	7	18.62	18.66	18.49	20.4	0
5	QPSK	12	13	18.72	18.69	18.52		
5	QPSK	25	0	18.74	18.74	18.79		
5	16QAM	1	0	18.65	18.77	18.72		
5	16QAM	1	12	18.66	18.68	18.57	20.4	0
5	16QAM	1	24	18.39	18.77	18.61		
5	16QAM	12	0	18.65	18.81	18.63		
5	16QAM	12	7	18.65	18.66	18.59	20.4	0
5	16QAM	12	13	18.39	18.62	18.57		
5	16QAM	25	0	18.65	18.64	18.66		
5	64QAM	1	0	18.68	18.77	18.61		
5	64QAM	1	12	18.52	18.66	18.50	20.4	0
5	64QAM	1	24	18.64	18.75	18.62		
5	64QAM	12	0	17.63	18.60	18.50		
5	64QAM	12	7	17.74	17.90	17.72	19.5	0.9
5	64QAM	12	13	17.85	17.90	17.82		
5	64QAM	25	0	17.80	17.85	17.70		
5	256QAM	1	0	15.84	16.00	15.89		
5	256QAM	1	12	15.71	15.92	15.77	17.5	2.9
5	256QAM	1	24	15.70	15.85	15.77		
5	256QAM	12	0	15.80	15.87	15.81		
5	256QAM	12	7	15.65	15.85	15.51	17.5	2.9
5	256QAM	12	13	15.69	15.80	15.62		
5	256QAM	25	0	15.81	15.81	15.81		
Channel				1881.5	1880	1918.5		
Frequency (MHz)				1881.5	1880	1918.5		
3	QPSK	1	0	18.78	18.80	18.80		
3	QPSK	1	8	18.64	18.83	18.59	20.4	0
3	QPSK	1	14	18.68	18.80	18.68		
3	QPSK	8	0	18.72	18.77	18.72		
3	QPSK	8	4	18.60	18.75	18.49	20.4	0
3	QPSK	8	7	18.65	18.69	18.59		
3	QPSK	15	0	18.66	18.82	18.71		
3	16QAM	1	0	18.84	18.85	18.64		
3	16QAM	1	8	18.58	18.73	18.51	20.4	0
3	16QAM	1	14	18.66	18.72	18.54		
3	16QAM	8	0	18.39	18.77	18.50		
3	16QAM	8	4	18.61	18.67	18.58	20.4	0
3	16QAM	8	7	18.65	18.67	18.56		
3	16QAM	15	0	18.68	18.64	18.71		
3	64QAM	1	0	18.67	18.65	18.60		
3	64QAM	1	8	18.60	18.60	18.51	20.4	0
3	64QAM	1	14	18.61	18.75	18.65		
3	64QAM	8	0	17.87	17.96	17.88		
3	64QAM	8	4	17.71	17.83	17.70	19.5	0.9
3	64QAM	8	7	17.78	17.86	17.76		
3	64QAM	15	0	17.88	17.91	17.72		
3	256QAM	1	0	15.83	15.99	15.84		
3	256QAM	1	8	15.76	15.88	15.79	17.5	2.9
3	256QAM	1	14	15.78	15.84	15.84		
3	256QAM</							



Band 5 Ant 0 DSI3									
BW [MHz]	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	24	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.63	22.66	22.54	24	0	
10	QPSK	25	0	21.59	21.65	21.60	23	1	
10	QPSK	50	0	21.56	21.62	21.59			

Band 4 Ant 1 DSI3									
BW [MHz]	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	15.7	0	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	14.58	14.65	14.61	15.7	0	
20	QPSK	50	0	14.55	14.57	14.55	15.7	0	
20	QPSK	100	0	14.51	14.64	14.52			

Band 4 Ant 2 DSI3									
BW [MHz]	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	21	0	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	19.52	19.60	19.53	21	0	
20	QPSK	50	0	19.46	19.58	19.54	21	0	
20	QPSK	100	0	19.51	19.60	19.49			

Band 42 Part 27Q Ant 7 DSI3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	20.4	0	
Frequency (MHz)				3480	3500	3540			
20	QPSK	1	0	19.48	19.54	19.41	20.4	0	
20	QPSK	50	0	19.37	19.49	19.34	20.4	0	
20	QPSK	100	0	19.47	19.48	19.41			

Band 7 Ant 10 DSI3									
BW [MHz]	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	19.6	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	18.44	18.47	18.36	19.6	0	
20	QPSK	50	0	18.25	18.41	18.37	19.6	0	
20	QPSK	100	0	18.27	18.42	18.30			

Band 7 Ant 0 DSI3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5	
Channel				20850	21100	21350	22.5	0	1.73	1.64	0.09	
Frequency (MHz)				2510	2535	2560						
20	QPSK	1	0	20.85	20.86	20.77	22.5	0	1.73	1.64	0.09	
20	QPSK	50	0	19.86	19.90	19.77	21.5	1	1.73	1.60	0.13	
20	QPSK	100	0	19.74	19.87	19.82						

Band 5 Ant 1 DSI3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5	
Channel				20450	20525	20600	24	0	1.44	1.41	0.03	
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	22.56	22.59	22.56	24	0	1.44	1.41	0.03	
10	QPSK	25	0	21.54	21.65	21.56	23	1	1.46	1.35	0.11	
10	QPSK	50	0	21.53	21.62	21.59						

Band 7 Ant 2 DSI3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5	
Channel				20850	21100	21350	22.1	0	1.12	1.06	0.06	
Frequency (MHz)				2510	2535	2560						
20	QPSK	1	0	20.98	21.04	20.98	22.1	0	1.12	1.06	0.06	
20	QPSK	50	0	20.93	20.97	20.89	22.1	0	1.21	1.13	0.08	
20	QPSK	100	0	20.88	20.95	20.86						

Band 38 Ant 1 DSI3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5	
Channel				37850	38000	38150	18.4	0	1.35	1.26	0.09	
Frequency (MHz)				2580	2595	2610						
20	QPSK	1	0	17.06	17.14	17.05	18.4	0	1.35	1.26	0.09	
20	QPSK	50	0	17.10	17.12	17.09	18.4	0	1.31	1.28	0.03	
20	QPSK	100	0	16.96	17.06	16.90						

Band 38 Ant 10 DSI3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5	
Channel				37850	38000	38150	22	0	1.58	1.37	0.21	
Frequency (MHz)				2580	2595	2610						
20	QPSK	1	0	20.55	20.63	20.42	22	0	1.58	1.37	0.21	
20	QPSK	50	0	20.45	20.49	20.47	22	0	1.55	1.51	0.04	
20	QPSK	100	0	20.49	20.51	20.39						



Band 12 Ant 0 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				23060	23095	23130	24	0	1.66	1.59	0.07
Frequency (MHz)				704	707.5	711					
10	QPSK	1	0	22.34	22.41	22.38	23	1	1.64	1.57	0.07
10	QPSK	25	0	21.32	21.48	21.41					
10	QPSK	50	0	21.36	21.43	21.39					

Band 7 Ant 1 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				20860	21100	21350	17.1	0	1.01	0.93	0.08
Frequency (MHz)				2510	2535	2560					
20	QPSK	1	0	16.09	16.17	16.12	17.1	0	1.10	0.99	0.11
20	QPSK	50	0	16.11	16.13	16.03					
20	QPSK	100	0	16.00	16.11	16.02					

Band 66 Ant 2 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				132072	132322	132572	21	0	1.43	1.30	0.13
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	19.58	19.70	19.57	21	0	1.41	1.38	0.03
20	QPSK	50	0	19.55	19.65	19.47					
20	QPSK	100	0	19.60	19.62	19.59					

Band 38 HPUE Ant 1 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				37650	38000	38150	20	0	1.21	1.13	0.08
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	18.79	18.87	18.85	20	0	1.28	1.15	0.13
20	QPSK	50	0	18.71	18.84	18.73					
20	QPSK	100	0	18.72	18.85	18.76					

Band 38 HPUE Ant 10 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				37650	38000	38150	23.6	0	1.39	1.29	0.10
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	22.21	22.31	22.24	23.6	0	1.45	1.32	0.13
20	QPSK	50	0	22.24	22.22	22.11					
20	QPSK	100	0	22.20	22.28	22.15					

Band 17 Ant 0 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				23780	23790	23800	24	0	1.78	1.60	0.18
Frequency (MHz)				709	710	711					
10	QPSK	1	0	22.22	22.40	22.28	23	1	1.85	1.63	0.22
10	QPSK	25	0	21.15	21.37	21.20					
10	QPSK	50	0	21.19	21.38	21.15					

Band 26 Ant 1 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				26765	26865	26965	24	0	1.46	1.28	0.18
Frequency (MHz)				821.5	831.5	841.5					
15	QPSK	1	0	22.65	22.72	22.54	23	1	1.43	1.31	0.12
15	QPSK	36	0	21.61	21.73	21.53					
15	QPSK	75	0	21.57	21.69	21.62					

Band 12 Ant 1 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				23060	23095	23130	24	0	1.67	1.64	0.03
Frequency (MHz)				704	707.5	711					
10	QPSK	1	0	22.33	22.36	22.34	23	1	1.69	1.60	0.09
10	QPSK	25	0	21.38	21.46	21.43					
10	QPSK	50	0	21.36	21.40	21.31					

Band 38 Ant 2 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				37650	38000	38150	23.5	0	1.33	1.23	0.10
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	22.17	22.27	22.24	22.5	1	1.42	1.25	0.17
20	QPSK	50	0	21.13	21.25	21.08					
20	QPSK	100	0	21.01	21.07	20.98					

Band 38 Ant 0 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				37650	38000	38150	22	0.8	1.17	1.07	0.10
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	21.66	21.73	21.63	22	0.8	1.23	1.18	0.05
20	QPSK	50	0	20.77	20.82	20.78					
20	QPSK	100	0	20.83	20.84	20.82					



Band 26 Ant 0 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				28765	28865	28965					
Frequency (MHz)				821.5	831.5	841.5					
15	QPSK	1	0	22.68	22.75	22.69	24	0	1.32	1.25	0.07
15	QPSK	36	0	21.76	21.79	21.82	23	1	1.38	1.21	0.17
15	QPSK	75	0	21.72	21.81	21.70			1.30	1.19	0.11

Band 66 Ant 1 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				132072	132322	132572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	14.59	14.70	14.56	15.7	0	1.14	1.00	0.14
20	QPSK	50	0	14.63	14.67	14.62	15.7	0	1.08	1.03	0.05
20	QPSK	100	0	14.48	14.54	14.53			1.22	1.16	0.06

Band 17 Ant 1 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				23780	23790	23800					
Frequency (MHz)				709	710	711					
10	QPSK	1	0	22.21	22.31	22.20	24	0	1.80	1.69	0.11
10	QPSK	25	0	21.22	21.40	21.21	23	1	1.79	1.60	0.19
10	QPSK	50	0	21.28	21.29	21.23			1.77	1.71	0.06

Band 38 HPUE Ant 2 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	23.72	23.77	23.67	25.1	0	1.43	1.33	0.10
20	QPSK	50	0	23.61	23.69	23.62	25.1	0	1.49	1.41	0.08
20	QPSK	100	0	23.61	23.68	23.62			1.49	1.42	0.07

Band 38 HPUE Ant 0 DSI3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	< Tune-up-2	> Tune-up	Ch Delta > 0.5
Channel				37850	38000	38150					
Frequency (MHz)				2580	2595	2610					
20	QPSK	1	0	23.36	23.39	23.28	24.4	0	1.12	1.01	0.11
20	QPSK	50	0	23.19	23.33	23.18	24.4	0	1.22	1.07	0.15
20	QPSK	100	0	23.17	23.26	23.20			1.23	1.14	0.09



### Band 41 Ant 0 DSI3

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	21.66	21.66	21.76	21.81	21.71	22.8	0
20	QPSK	50	0	20.88	20.78	20.92	20.77	20.82	22	0.8
20	QPSK	100	0	20.90	20.79	20.97	20.77	20.85		

### Band 41 Ant 1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.13	17.10	17.17	17.08	17.08	18.4	0
20	QPSK	50	0	17.00	17.09	17.15	17.10	16.98		
20	QPSK	100	0	17.00	17.00	17.11	17.09	16.95	18.4	0

### Band 41 Ant 2 DSI3

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	22.26	22.19	22.32	22.31	22.24	23.5	0
20	QPSK	50	0	21.07	21.18	21.25	21.10	21.14	22.5	1
20	QPSK	100	0	21.05	21.06	21.12	21.03	21.07		

### Band 41 Ant 10 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.54	20.53	20.64	20.58	20.59	22	0
20	QPSK	50	0	20.53	20.58	20.52	20.57	20.47	22	0
20	QPSK	100	0	20.40	20.55	20.57	20.54	20.53		

### Band 41 HPUE Ant 0 DSI3

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	23.24	23.25	23.45	23.29	23.33	24.4	0
20	QPSK	50	0	23.24	23.19	23.29	23.09	23.26		
20	QPSK	100	0	23.20	23.15	23.30	23.28	23.13		

### Band 41 HPUE Ant 1 DSI3

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	18.84	18.84	18.96	18.92	18.84	20	0
20	QPSK	50	0	18.86	18.68	18.93	18.82	18.85		
20	QPSK	100	0	18.72	18.85	18.90	18.88	18.84	20	0

### Band 41 HPUE Ant 2 DSI3

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	23.74	23.71	23.80	23.70	23.68	25.1	0
20	QPSK	50	0	23.58	23.64	23.70	23.58	23.65		
20	QPSK	100	0	23.70	23.60	23.73	23.63	23.67	25.1	0

### Band 41 HPUE Ant 10 DSI3

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	22.35	22.31	22.40	22.38	22.28	23.6	0
20	QPSK	50	0	22.22	22.30	22.31	22.17	22.18		
20	QPSK	100	0	22.20	22.23	22.33	22.21	22.30	23.6	0

### Band 4 Ant 1 DSI3

BW [MHz]	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	15.7	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.58	14.65	14.61	15.7	0
20	QPSK	50	0	14.55	14.57	14.55		
20	QPSK	100	0	14.51	14.64	14.52		

### Band 26 Ant 1 DSI3

BW [MHz]	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	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.65	22.72	22.54	23	1
15	QPSK	36	0	21.61	21.73	21.53		
15	QPSK	75	0	21.57	21.69	21.62		

### Band 4 Ant 2 DSI3

BW [MHz]	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	21	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.52	19.60	19.53	21	0
20	QPSK	50	0	19.46	19.58	19.54		
20	QPSK	100	0	19.51	19.60	19.49		

### Band 42 Part 27Q Ant 7 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990	20.4	0
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.48	19.54	19.41	20.4	0
20	QPSK	50	0	19.37	19.49	19.34		
20	QPSK	100	0	19.47	19.48	19.41		

### Band 7 Ant 10 DSI3

BW [MHz]	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	19.6	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.44	18.47	18.36	19.6	0
20	QPSK	50	0	18.25	18.41	18.37		
20	QPSK	100	0	18.27	18.42	18.30		

### Band 5 Ant 1 DSI3

BW [MHz]	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	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.56	22.59	22.56	23	1
10	QPSK	25	0	21.54	21.65	21.56		
10	QPSK	50	0	21.53	21.62	21.59		

### Band 66 Ant 1 DSI3

BW [MHz]	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	15.7	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.59	14.70	14.56	15.7	0
20	QPSK	50	0	14.63	14.67	14.62		
20	QPSK	100	0	14.48	14.54	14.53		

### Band 7 Ant 2 DSI3

BW [MHz]	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	22.1	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.98	21.04	20.98	22.1	0
20	QPSK	50	0	20.93	20.97	20.89		
20	QPSK	100	0	20.88	20.95	20.86		

### Band 38 Ant 10 DSI3

BW [MHz]	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	22	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.55	20.63	20.42	22	0
20	QPSK	50	0	20.45	20.49	20.47		
20	QPSK	100	0	20.49	20.51	20.39		

### Band 7 Ant 1 DSI3

BW [MHz]	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	17.1	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.09	16.17	16.12	17.1	0
20	QPSK	50	0	16.11	16.13	16.03		
20	QPSK	100	0	16.00	16.11	16.02	17.1	0

### Band 38 Ant 1 DSI3

BW [MHz]	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	18.4	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.06	17.14	17.05	18.4	0
20	QPSK	50	0	17.10	17.12	17.09		
20	QPSK	100	0	16.96	17.06	16.90	18.4	0

### Band 66 Ant 2 DSI3

BW [MHz]	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	21	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.58	19.70	19.57	21	0
20	QPSK	50	0	19.55	19.65	19.47		
20	QPSK	100	0	19.60	19.62	19.59	21	0

### Band 12 Ant 1 DSI3

BW [MHz]	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	24	0
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.33	22.36	22.34	23	1
10	QPSK	25	0	21.38	21.46	21.43		
10	QPSK	50	0	21.36	21.40	21.31	23	1

### Band 38 HPUE Ant 1 DSI3

BW [MHz]	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	20	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.79	18.87	18.85	20	0
20	QPSK	50	0	18.71	18.84	18.73		
20	QPSK	100	0	18.72	18.85	18.76	20	0

### Band 38 Ant 2 DSI3

BW [MHz]	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	23.5	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.17	22.27	22.24	22.5	1
20	QPSK	50	0	21.13	21.25	21.08		
20	QPSK	100	0	21.01	21.07	20.98	22.5	1

### Band 38 HPUE Ant 10 DSI3

BW [MHz]	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	23.6	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.21	22.31	22.24	23.6	0
20	QPSK	50	0	22.24	22.22	22.11		
20	QPSK	100	0	22.20	22.28	22.15	23.6	0

Band 17 Ant 1 DSI3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.21	22.31	22.20	24	0
10	QPSK	25	0	21.22	21.40	21.21	23	1
10	QPSK	50	0	21.26	21.29	21.23		

Band 38 HPUE Ant 2 DSI3								
BW [MHz]	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	23.72	23.77	23.67	25.1	0
20	QPSK	50	0	23.61	23.69	23.62	25.1	0
20	QPSK	100	0	23.61	23.68	23.62		



## Reduced Power Mode DSI4

GSM850 Ant 0 DSI4		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		
GPRS 3 Tx slots	28.26	28.68	28.74	30.00	24.00	24.42	24.48	25.74	

Band		WCDMA V Ant 0 DSI4			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	RMC 12.2Kbps	22.16	22.18	22.09	24.00

GSM850 Ant 1 DSI4		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		
GPRS 2 Tx slots	29.85	30.09	30.04	31.50	23.85	24.09	24.04	25.50	

GSM1900 Ant 1 DSI4		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		
GPRS 3 Tx slots	23.83	23.65	23.58	25.00	19.57	19.39	19.32	20.74	

Band		WCDMA II Ant 1 DSI4			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI4			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI4			Tune-up Limit (dBm)
TX Channel	9262	9400	9538	1312		1413	1513	4132		4182	4233		
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458				
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6				
3GPP Rel 99	RMC 12.2Kbps	20.84	20.94	20.89	22.50	20.94	21.07	20.99	22.50	22.57	22.64	22.54	24.00

GSM1900 Ant 2 DSI4		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		
GPRS 3 Tx slots	24.99	24.65	24.64	26.00	20.73	20.39	20.38	21.74	

Band		WCDMA II Ant 2 DSI4			Tune-up Limit (dBm)	WCDMA IV Ant 2 DSI4			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	RMC 12.2Kbps	22.04	22.09	22.03	23.00	21.91	21.96	21.93	23.00



### Band 2 Ant 1 DS14

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								
20	QPSK	1	0	22.47	22.55	22.54		
20	QPSK	1	48	22.38	22.45	22.44	24	0
20	QPSK	1	88	22.37	22.42	22.49		
20	QPSK	50	0	21.80	21.58	21.45		
20	QPSK	50	24	21.37	21.42	21.36	23	1
20	QPSK	50	50	21.42	21.43	21.43		
20	QPSK	100	0	21.46	21.51	21.48		
20	16QAM	1	0	21.48	21.43	21.35		
20	16QAM	1	48	21.30	21.27	21.18	23	1
20	16QAM	50	0	20.48	20.54	20.46		
20	16QAM	50	24	20.37	20.38	20.28	22	2
20	16QAM	50	50	20.48	20.48	20.28		
20	16QAM	100	0	20.48	20.53	20.43		
20	64QAM	1	0	20.43	20.42	20.34		
20	64QAM	1	48	20.28	20.28	20.32	22	2
20	64QAM	1	96	20.27	20.26	20.18		
20	64QAM	50	0	19.48	19.54	19.47		
20	64QAM	50	24	19.35	19.47	19.31	21	3
20	64QAM	50	50	19.43	19.44	19.25		
20	64QAM	100	0	19.45	19.51	19.45		
20	256QAM	1	0	17.48	17.52	17.48		
20	256QAM	1	48	17.41	17.37	17.34	19	5
20	256QAM	1	96	17.39	17.40	17.34		
20	256QAM	50	0	17.51	17.54	17.45		
20	256QAM	50	24	17.52	17.46	17.30	19	5
20	256QAM	50	50	17.22	17.24	17.30		
20	256QAM	100	0	17.32	17.28	17.15		
Channel Frequency (MHz)								
15	QPSK	1	0	22.39	22.52	22.53		
15	QPSK	1	37	22.35	22.40	22.41	24	0
15	QPSK	1	74	22.27	22.31	22.35		
15	QPSK	36	0	21.44	21.54	21.35		
15	QPSK	36	20	21.52	21.39	21.28	23	1
15	QPSK	36	39	21.42	21.37	21.29		
15	QPSK	75	0	21.45	21.48	21.41		
15	16QAM	1	0	21.35	21.31	21.30		
15	16QAM	1	37	21.19	21.21	21.19	23	1
15	16QAM	1	74	21.24	21.17	21.07		
15	16QAM	36	0	20.45	20.52	20.41		
15	16QAM	36	20	20.31	20.32	20.34	22	2
15	16QAM	36	39	20.42	20.40	20.22		
15	16QAM	75	0	20.48	20.51	20.33		
15	64QAM	1	0	20.31	20.32	20.26		
15	64QAM	1	37	20.18	20.20	20.26	22	2
15	64QAM	1	74	20.25	20.19	20.15		
15	64QAM	36	0	19.42	19.43	19.45		
15	64QAM	36	20	19.32	19.44	19.29	21	3
15	64QAM	36	39	19.34	19.39	19.17		
15	64QAM	75	0	18.41	18.39	18.38		
15	256QAM	1	0	17.38	17.45	17.45		
15	256QAM	1	37	17.35	17.33	17.29	19	5
15	256QAM	1	74	17.33	17.38	17.25		
15	256QAM	36	0	17.46	17.48	17.34		
15	256QAM	36	20	17.44	17.45	17.24	19	5
15	256QAM	36	39	17.14	17.17	17.26		
15	256QAM	75	0	17.32	17.27	17.11		
Channel Frequency (MHz)								
10	QPSK	1	0	22.44	22.52	22.45		
10	QPSK	1	26	22.37	22.36	22.40	24	0
10	QPSK	1	48	22.34	22.39	22.33		
10	QPSK	25	0	21.39	21.49	21.37		
10	QPSK	25	12	21.53	21.33	21.26	23	1
10	QPSK	25	25	21.37	21.38	21.29		
10	QPSK	50	0	21.42	21.42	21.38		
10	16QAM	1	0	21.37	21.29	21.25		
10	16QAM	1	26	21.10	21.24	21.19	23	1
10	16QAM	1	48	21.28	21.17	21.10		
10	16QAM	25	0	20.38	20.43	20.37		
10	16QAM	25	12	20.38	20.30	20.31	22	2
10	16QAM	25	25	20.42	20.44	20.26		
10	16QAM	50	0	20.37	20.42	20.42		
10	64QAM	1	0	20.38	20.34	20.23		
10	64QAM	1	25	20.15	20.22	20.28	22	2
10	64QAM	1	48	20.28	20.15	20.08		
10	64QAM	25	0	19.41	19.49	19.35		
10	64QAM	25	12	19.25	19.41	19.27	21	3
10	64QAM	25	25	19.37	19.40	19.22		
10	64QAM	50	0	18.43	18.49	18.34		
10	256QAM	1	0	17.38	17.49	17.44		
10	256QAM	1	25	17.38	17.25	17.34	19	5
10	256QAM	1	48	17.34	17.32	17.26		
10	256QAM	25	0	17.47	17.45	17.39		
10	256QAM	25	12	17.42	17.38	17.26	19	5
10	256QAM	25	25	17.17	17.15	17.24		
10	256QAM	50	0	17.23	17.20	17.08		
Channel Frequency (MHz)								
5	QPSK	1	0	22.43	22.44	22.52		
5	QPSK	1	12	22.33	22.39	22.44	24	0
5	QPSK	1	24	22.27	22.33	22.38		
5	QPSK	12	0	21.41	21.48	21.34		
5	QPSK	12	7	21.36	21.37	21.28	23	1
5	QPSK	12	13	21.38	21.34	21.30		
5	QPSK	25	0	21.34	21.47	21.42		
5	16QAM	1	0	21.38	21.37	21.27		
5	16QAM	1	12	21.20	21.25	21.20	23	1
5	16QAM	1	24	21.50	21.18	21.10		
5	16QAM	12	0	20.39	20.42	20.45		
5	16QAM	12	7	20.35	20.36	20.29	22	2
5	16QAM	12	13	20.46	20.42	20.19		
5	64QAM	1	0	20.48	20.46	20.41		
5	64QAM	1	1	20.31	20.39	20.27		
5	64QAM	1	12	20.19	20.18	20.32	22	2
5	64QAM	1	24	20.17	20.25	20.07		
5	64QAM	12	0	19.41	19.51	19.42		
5	64QAM	12	7	19.26	19.39	19.26	21	3
5	64QAM	12	13	19.43	19.36	19.18		
5	64QAM	25	0	19.42	19.41	19.38		
5	256QAM	1	0	17.43	17.43	17.43		
5	256QAM	1	12	17.29	17.31	17.29	19	5
5	256QAM	1	24	17.30	17.28	17.26		
5	256QAM	12	0	17.46	17.53	17.36		
5	256QAM	12	7	17.49	17.41	17.25	19	5
5	256QAM	12	13	17.14	17.22	17.27		
5	256QAM	25	0	17.22	17.28	17.11		
Channel Frequency (MHz)								
3	QPSK	1	0	22.42	22.50	22.43		
3	QPSK	1	8	22.33	22.34	22.41	24	0
3	QPSK	1	14	22.27	22.40	22.40		
3	QPSK	8	0	21.40	21.49	21.37		
3	QPSK	8	4	21.27	21.32	21.28	23	1
3	QPSK	8	7	21.42	21.34	21.28		
3	16QAM	1	0	21.38	21.37	21.27		
3	16QAM	1	8	21.21	21.24	21.22	23	1
3	16QAM	1	14	21.25	21.22	21.08		
3	16QAM	8	0	20.45	20.51	20.37		
3	16QAM	8	4	20.33	20.34	20.31	22	2
3	16QAM	8	7	20.40	20.45	20.23		
3	64QAM	1	0	20.38	20.42	20.40		
3	64QAM	1	8	20.31	20.36	20.28	22	2
3	64QAM	1	14	20.23	20.25	20.10		
3	64QAM	8	0	19.40	19.52	19.42		
3	64QAM	8	4	19.27	19.38	19.27	21	3
3	64QAM	8	7	19.37	19.31	19.15		
3	64QAM	15	0	19.37	19.40	19.34		
3	256QAM	1	0	17.48	17.42	17.37		
3	256QAM	1	8	17.32	17.32	17.28	19	5
3	256QAM	1	14	17.35	17.33	17.33		
3	256QAM	8	0	17.44	17.47	17.39		
3	256QAM	8	4	17.43	17.37	17.28	19	5
3	256QAM	8	7	17.15	17.18	17.24		
3	256QAM	15	0	17.28	17.28	17.06		
Channel Frequency (MHz)								
1.4	QPSK	1	0	22.38	22.50	22.50		
1.4	QPSK	1	3	22.32	22.44	22.43	24	0
1.4	QPSK	1	5	22.32	22.31	22.37		
1.4	QPSK	3	0	22.33	22.49	22.46		
1.4	QPSK	3	1	22.21	22.43	22.43	23	1
1.4	QPSK	3	3	22.21				



### Band 2 Ant 2 DSI4

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
				1870	1880	19100		
Frequency (MHz)								
20	QPSK	1	0	21.02	21.07	20.97		
20	QPSK	1	49	20.90	20.97	20.92	22.5	0
20	QPSK	1	99	20.98	20.98	20.87		
20	QPSK	50	0	20.09	20.11	20.04		
20	QPSK	50	24	20.03	20.05	20.03	21.5	1
20	QPSK	93	0	19.97	20.04	19.96		
20	QPSK	100	0	19.92	20.08	20.02		
20	16QAM	1	0	19.99	20.08	19.98		
20	16QAM	1	49	20.00	19.99	19.98	21.5	1
20	16QAM	1	99	19.96	19.96	19.92		
20	16QAM	50	0	19.07	19.05	19.06		
20	16QAM	50	24	19.04	19.05	18.97	20.5	2
20	16QAM	50	99	19.02	18.99	18.91		
20	16QAM	100	0	18.86	19.06	19.07		
20	64QAM	1	0	18.99	19.04	19.02		
20	64QAM	1	49	19.00	19.00	18.93	20.5	2
20	64QAM	1	99	18.98	18.92	18.90		
20	64QAM	50	0	18.08	18.12	17.98		
20	64QAM	50	24	17.98	18.00	18.09	19.5	3
20	64QAM	50	99	18.02	18.00	17.98		
20	64QAM	100	0	17.90	18.08	17.98		
20	256QAM	1	0	16.09	16.15	16.06		
20	256QAM	1	49	16.08	16.03	16.08	17.5	5
20	256QAM	1	99	16.02	16.02	15.93		
20	256QAM	50	0	15.97	16.06	16.04		
20	256QAM	50	24	15.96	16.04	15.96	17.5	5
20	256QAM	50	99	16.06	16.00	16.01		
20	256QAM	100	0	15.93	15.90	15.97		
Channel								
				1875	1880	19125		
Frequency (MHz)								
15	QPSK	1	0	20.88	21.04	20.90		
15	QPSK	1	37	20.86	20.88	20.82	22.5	0
15	QPSK	1	74	20.95	20.97	20.96		
15	QPSK	36	0	20.04	20.08	20.02		
15	QPSK	36	20	19.93	20.04	19.97	21.5	1
15	QPSK	36	99	19.98	20.02	19.94		
15	QPSK	75	0	19.91	20.06	20.02		
15	16QAM	1	0	19.89	20.01	19.88		
15	16QAM	1	37	19.93	19.87	19.97	21.5	1
15	16QAM	1	74	19.89	19.96	19.84		
15	16QAM	36	0	18.97	18.98	19.03		
15	16QAM	36	20	18.99	19.00	18.97	20.5	2
15	16QAM	36	99	18.99	18.80	18.89		
15	16QAM	75	0	18.82	18.86	19.00		
15	64QAM	1	0	18.93	19.02	18.92		
15	64QAM	1	37	18.92	18.94	18.83	20.5	2
15	64QAM	1	74	18.90	18.82	18.80		
15	64QAM	36	0	17.99	18.07	17.94		
15	64QAM	36	20	17.91	18.08	18.05	19.5	3
15	64QAM	36	99	18.01	17.92	17.88		
15	64QAM	75	0	17.82	18.02	17.97		
15	256QAM	1	0	16.05	16.03	16.01		
15	256QAM	1	37	16.03	15.96	16.08	17.5	5
15	256QAM	1	74	15.94	15.99	15.89		
15	256QAM	36	0	15.96	16.03	15.97		
15	256QAM	36	20	15.91	15.96	15.89	17.5	5
15	256QAM	36	99	15.96	15.96	16.01		
15	256QAM	75	0	15.81	15.82	15.93		
Channel								
				1880	1880	19150		
Frequency (MHz)								
10	QPSK	1	0	20.91	21.05	20.88		
10	QPSK	1	99	20.80	20.84	20.81	22.5	0
10	QPSK	1	49	20.93	20.91	20.82		
10	QPSK	25	0	20.01	20.02	19.93		
10	QPSK	25	12	19.97	20.02	20.01	21.5	1
10	QPSK	25	25	19.91	19.97	19.85		
10	QPSK	50	0	19.89	20.03	19.96		
10	16QAM	1	0	19.91	20.01	19.91		
10	16QAM	1	25	19.90	19.88	19.97	21.5	1
10	16QAM	1	49	19.92	19.85	19.82		
10	16QAM	25	0	19.03	18.96	18.96		
10	16QAM	25	12	19.03	19.02	18.94	20.5	2
10	16QAM	25	25	19.02	18.90	18.89		
10	16QAM	50	0	18.86	18.88	18.95		
10	64QAM	1	0	18.89	18.94	18.91		
10	64QAM	1	25	18.90	18.82	18.89	20.5	2
10	64QAM	1	49	18.91	18.86	18.83		
10	64QAM	25	0	17.98	18.08	17.97		
10	64QAM	25	12	17.88	18.00	17.99	19.5	3
10	64QAM	25	25	17.92	17.94	17.91		
10	64QAM	50	0	17.80	17.88	17.95		
10	256QAM	1	0	16.08	16.12	16.04		
10	256QAM	1	25	16.05	15.96	15.97	17.5	5
10	256QAM	1	49	16.02	15.97	15.94		
10	256QAM	25	0	15.85	16.04	16.02		
10	256QAM	25	12	15.87	15.97	15.89	17.5	5
10	256QAM	25	25	16.05	15.90	15.95		
10	256QAM	50	0	15.83	15.84	15.87		
Channel								
				1885	1880	19175		
Frequency (MHz)								
5	QPSK	1	0	20.92	20.99	20.86		
5	QPSK	1	12	20.86	20.92	20.82	22.5	0
5	QPSK	1	24	20.88	20.84	20.81		
5	QPSK	12	0	19.96	20.06	20.00		
5	QPSK	12	7	19.94	19.94	19.93	21.5	1
5	QPSK	12	13	19.80	20.02	19.90		
5	QPSK	25	0	19.88	19.99	19.97		
5	16QAM	1	0	19.93	20.01	19.95		
5	16QAM	1	12	19.96	19.93	19.94	21.5	1
5	16QAM	1	24	19.86	19.91	19.90		
5	16QAM	12	0	19.07	18.98	19.04		
5	16QAM	12	7	18.99	19.04	18.95	20.5	2
5	16QAM	12	13	18.96	18.96	18.83		
5	16QAM	25	0	18.81	18.86	18.96		
5	64QAM	1	0	18.89	18.97	18.94		
5	64QAM	1	12	18.88	18.86	18.87	20.5	2
5	64QAM	1	24	18.89	18.85	18.79		
5	64QAM	12	0	18.05	18.05	17.92		
5	64QAM	12	7	17.88	18.08	18.04	19.5	3
5	64QAM	12	13	17.92	17.97	17.89		
5	64QAM	25	0	17.86	17.99	17.95		
5	256QAM	1	0	16.00	16.08	15.98		
5	256QAM	1	12	16.05	16.02	16.04	17.5	5
5	256QAM	1	24	15.97	15.98	15.95		
5	256QAM	12	0	15.76	15.97	15.96		
5	256QAM	12	7	15.84	16.01	15.90	17.5	5
5	256QAM	12	13	15.95	15.89	15.94		
5	256QAM	25	0	15.81	15.84	15.89		
Channel								
				1891.5	1880	19180		
Frequency (MHz)								
3	QPSK	1	0	20.95	20.98	20.94		
3	QPSK	1	8	20.89	20.87	20.86	22.5	0
3	QPSK	1	14	20.88	20.90	20.87		
3	QPSK	8	0	20.02	20.10	20.01		
3	QPSK	8	4	20.01	19.94	19.99	21.5	1
3	QPSK	8	7	19.93	19.95	19.95		
3	QPSK	15	0	19.88	20.07	19.93		
3	16QAM	1	0	19.98	20.03	19.90		
3	16QAM	1	8	19.94	19.85	19.93	21.5	1
3	16QAM	1	14	19.97	19.84	19.88		
3	16QAM	8	0	19.06	18.95	19.05		
3	16QAM	8	4	18.97	19.03	18.86	20.5	2
3	16QAM	8	7	18.99	18.86	18.96		
3	16QAM	15	0	18.84	18.96	19.00		
3	64QAM	1	0	18.96	19.03	18.97		
3	64QAM	1	8	18.92	18.96	18.86	20.5	2
3	64QAM	1	14	18.95	18.86	18.93		
3	64QAM	8	0	18.00	18.12	17.90		
3	64QAM	8	4	17.95	18.04	18.02	19.5	3
3	64QAM	8	7	17.98	17.88	17.87		
3	64QAM	15	0	17.88	18.08	17.96		
3	256QAM	1	0	16.00	16.07	15.96		
3	256QAM	1	8	16.04	16.01	16.07	17.5	5
3	256QAM	1	14	15.96	15.95	15.90		
3	256QAM	8	0	15.85	16.02	15.95		
3	256QAM	8	4</					

### Band 5 Ant 0 DS14

BW [MHz]	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	22.63	22.66	22.54		
10	QPSK	25	0	21.59	21.65	21.60	23	1
10	QPSK	50	0	21.56	21.62	21.59		

### Band 26 Ant 0 DS14

BW [MHz]	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	22.68	22.75	22.69		
15	QPSK	36	0	21.76	21.79	21.62	23	1
15	QPSK	75	0	21.72	21.81	21.70		

### Band 4 Ant 1 DS14

BW [MHz]	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	21.17	21.24	21.16		
20	QPSK	50	0	20.05	20.18	20.14	21.5	1
20	QPSK	100	0	20.10	20.18	20.09		

### Band 17 Ant 1 DS14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.21	22.31	22.20		
10	QPSK	25	0	21.22	21.40	21.21	23	1
10	QPSK	50	0	21.26	21.29	21.23		

### Band 4 Ant 2 DS14

BW [MHz]	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	22.39	22.40	22.35		
20	QPSK	50	0	21.39	21.48	21.43	23	1
20	QPSK	100	0	21.31	21.45	21.41		

### Band 38 Ant 2 DS14

BW [MHz]	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	22.17	22.27	22.24		
20	QPSK	50	0	21.13	21.25	21.08	22.5	1
20	QPSK	100	0	21.01	21.07	20.98		

### Band 42 Part 27Q Ant 7 DS14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.48	19.54	19.41		
20	QPSK	50	0	19.37	19.49	19.34	20.4	0
20	QPSK	100	0	19.47	19.48	19.41		

### Band 7 Ant 0 DS14

BW [MHz]	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	20.85	20.86	20.77		
20	QPSK	50	0	19.86	19.90	19.77	21.5	1
20	QPSK	100	0	19.74	19.87	19.82		

### Band 38 Ant 0 DS14

BW [MHz]	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	21.26	21.36	21.23		
20	QPSK	50	0	20.21	20.27	20.26	22	1
20	QPSK	100	0	20.20	20.35	20.28		

### Band 5 Ant 1 DS14

BW [MHz]	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	22.96	22.99	22.56		
10	QPSK	25	0	21.54	21.65	21.56	23	1
10	QPSK	50	0	21.53	21.62	21.59		

### Band 26 Ant 1 DS14

BW [MHz]	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	22.65	22.72	22.54		
15	QPSK	36	0	21.61	21.73	21.53	23	1
15	QPSK	75	0	21.57	21.69	21.62		

### Band 7 Ant 2 DS14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.63	22.71	22.57		
20	QPSK	50	0	21.62	21.67	21.61	23	1
20	QPSK	100	0	21.59	21.62	21.58		

### Band 38 HPUE Ant 2 DS14

BW [MHz]	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	25.15	25.27	25.20		
20	QPSK	50	0	24.19	24.31	24.16	25.5	1
20	QPSK	100	0	24.15	24.28	24.00		

### Band 38 Ant 10 DS14

BW [MHz]	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	20.55	20.63	20.42		
20	QPSK	50	0	20.45	20.49	20.47	22	0
20	QPSK	100	0	20.49	20.51	20.39		

### Band 12 Ant 0 DSI4

BW [MHz]	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	23190		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.34	22.41	22.38	24	0
10	QPSK	25	0	21.32	21.48	21.41	23	1
10	QPSK	50	0	21.36	21.43	21.39		

### Band 38 HPUE Ant 0 DSI4

BW [MHz]	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	24.27	24.30	24.17	26	0
20	QPSK	50	0	23.23	23.32	23.27	25	1
20	QPSK	100	0	23.23	23.35	23.31		

### Band 7 Ant 1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.03	21.10	20.98	22.5	0
20	QPSK	50	0	20.04	20.11	20.05	21.5	1
20	QPSK	100	0	19.98	20.03	19.93		

### Band 66 Ant 1 DSI4

BW [MHz]	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	21.28	21.31	21.21	22.5	0
20	QPSK	50	0	20.15	20.26	20.15	21.5	1
20	QPSK	100	0	20.15	20.24	20.18		

### Band 66 Ant 2 DSI4

BW [MHz]	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	22.44	22.59	22.54	24	0
20	QPSK	50	0	21.46	21.63	21.47	23	1
20	QPSK	100	0	21.42	21.53	21.49		

### Band 7 Ant 10 DSI4

BW [MHz]	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	18.44	18.47	18.36	19.6	0
20	QPSK	50	0	18.25	18.41	18.37	19.6	0
20	QPSK	100	0	18.27	18.42	18.30		

### Band 38 HPUE Ant 10 DSI4

BW [MHz]	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	22.21	22.31	22.24	23.6	0
20	QPSK	50	0	22.24	22.22	22.11	23.6	0
20	QPSK	100	0	22.20	22.28	22.15		



### Band 41 Ant 0 DSI4

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	21.42	21.38	21.45	21.36	21.31	23	0
20	QPSK	50	0	20.30	20.35	20.51	20.43	20.37	22	1
20	QPSK	100	0	20.24	20.31	20.41	20.30	20.30		

### Band 41 Ant 1 DSI4

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	21.52	21.53	21.59	21.51	21.52	23	0
20	QPSK	50	0	20.54	20.53	20.60	20.55	20.58		
20	QPSK	100	0	20.39	20.51	20.52	20.42	20.49	22	1

### Band 41 Ant 2 DSI4

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	22.26	22.19	22.32	22.31	22.24	23.5	0
20	QPSK	50	0	21.07	21.18	21.25	21.10	21.14		
20	QPSK	100	0	21.05	21.06	21.12	21.03	21.07	22.5	1

### Band 41 Ant 10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.54	20.53	20.64	20.58	20.59	22	0
20	QPSK	50	0	20.53	20.58	20.52	20.57	20.47		
20	QPSK	100	0	20.40	20.55	20.57	20.54	20.53	22	0

### Band 41 HPUE Ant 0 DSI4

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	24.31	24.40	24.43	24.31	24.36	26	0
20	QPSK	50	0	23.32	23.43	23.51	23.49	23.47		
20	QPSK	100	0	23.38	23.36	23.42	23.28	23.25	25	1

### Band 41 HPUE Ant 1 DSI4

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	24.50	24.62	24.64	24.54	24.50	26	0
20	QPSK	50	0	23.54	23.49	23.71	23.60	23.49		
20	QPSK	100	0	23.40	23.47	23.56	23.37	23.49	25	1

### Band 41 HPUE Ant 2 DSI4

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	25.25	25.26	25.38	25.31	25.21	26.5	0
20	QPSK	50	0	24.34	24.30	24.50	24.43	24.35		
20	QPSK	100	0	24.25	24.19	24.43	24.35	24.34	25.5	1

### Band 41 HPUE Ant 10 DSI4

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	22.35	22.31	22.40	22.38	22.28	23.6	0
20	QPSK	50	0	22.22	22.30	22.31	22.17	22.18		
20	QPSK	100	0	22.20	22.23	22.33	22.21	22.30	23.6	0

## Reduced Power Mode DSI6

GSM850 Ant 0 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189		251	128	189	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 3 Tx slots	28.26	28.68	28.74	30.00	24.00	24.42	24.48	25.74

WCDMA V Ant 0 DSI6			Tune-up Limit (dBm)
4132	4182	4233	
4357	4407	4458	
826.4	836.4	846.6	
22.16	22.16	22.09	24.00

GSM850 Ant 1 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189		251	128	189	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 2 Tx slots	29.85	30.09	30.04	31.50	23.85	24.09	24.04	25.50

GSM1900 Ant 1 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661		810	512	661	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	20.07	20.12	20.08	21.00	17.07	17.12	17.08	18.00

Band	WCDMA II Ant 1 DSI6			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI6			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI6			Tune-up Limit (dBm)
	TX Channel	9262	9400		9538	1312	1413		1513	4132	4182	
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99 RMC 12.2Kbps	17.10	17.12	17.05	18.40	18.39	18.47	18.44	19.90	22.57	22.64	22.54	24.00

GSM1900 Ant 2 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661		810	512	661	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 3 Tx slots	24.99	24.65	24.64	26.00	20.73	20.39	20.38	21.74

Band	WCDMA II Ant 2 DSI6			Tune-up Limit (dBm)	WCDMA IV Ant 2 DSI6			Tune-up Limit (dBm)
	TX Channel	9262	9400		9538	1312	1413	
Rx Channel	9662	9800	9938		1537	1638	1738	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99 RMC 12.2Kbps	21.19	21.27	21.24	22.80	21.73	21.81	21.78	22.80



### Band 2 Ant 1 DSI6

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up (dBm)	MPR (dB)
Channel				1870	1880	1900		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.99	17.07	17.05		
20	QPSK	1	48	16.86	17.04	16.93	18.5	0
20	QPSK	1	89	16.93	16.93	16.97		
20	QPSK	50	0	16.92	17.03	17.03		
20	QPSK	50	24	16.86	17.04	16.96	18.5	0
20	QPSK	50	50	16.85	16.84	16.84		
20	QPSK	100	0	16.96	17.03	17.00		
20	16QAM	1	0	16.93	17.04	16.92		
20	16QAM	1	48	16.81	17.02	16.81	18.5	0
20	16QAM	1	89	16.80	16.86	16.93		
20	16QAM	50	0	16.84	16.95	17.00		
20	16QAM	50	24	16.78	16.97	16.95	18.5	0
20	16QAM	50	50	16.83	16.82	16.85		
20	16QAM	100	0	16.93	16.89	16.93		
20	64QAM	1	0	16.86	17.04	17.00		
20	64QAM	1	48	16.79	16.99	16.88	18.5	0
20	64QAM	1	89	16.85	16.83	16.86		
20	64QAM	50	0	16.88	16.89	16.96		
20	64QAM	50	24	16.74	16.93	16.83	18.5	0
20	64QAM	50	50	16.83	16.81	16.80		
20	64QAM	100	0	16.89	16.81	16.89		
20	256QAM	1	0	16.92	16.95	17.03		
20	256QAM	1	48	16.76	16.91	16.80	18.5	0
20	256QAM	1	89	16.88	16.88	16.94		
20	256QAM	50	0	16.92	16.99	16.91		
20	256QAM	50	24	16.82	16.97	16.92	18.5	0
20	256QAM	50	50	16.91	16.87	16.80		
20	256QAM	100	0	16.85	16.93	16.95		
Channel				1867.5	1880	1902.5	Tune-up (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.93	17.00	16.91		
15	QPSK	1	37	16.83	16.93	16.83	18.5	0
15	QPSK	1	74	16.82	16.79	16.85		
15	QPSK	36	0	16.82	16.86	16.93		
15	QPSK	36	20	16.81	16.86	16.87	18.5	0
15	QPSK	36	39	16.88	16.88	16.82		
15	QPSK	75	0	16.89	16.89	16.95		
15	16QAM	1	0	16.81	16.89	16.89	18.5	0
15	16QAM	1	37	16.75	16.95	16.74		
15	16QAM	1	74	16.72	16.84	16.88		
15	16QAM	36	0	16.74	16.91	16.91	18.5	0
15	16QAM	36	20	16.85	16.83	16.82		
15	16QAM	36	39	16.79	16.73	16.77		
15	64QAM	1	0	16.85	16.85	16.91		
15	64QAM	1	37	16.72	16.86	16.77	18.5	0
15	64QAM	1	74	16.82	16.77	16.76		
15	64QAM	36	0	16.77	16.84	16.93		
15	64QAM	36	20	16.89	16.82	16.76	18.5	0
15	64QAM	36	39	16.72	16.89	16.71		
15	64QAM	75	0	16.84	16.81	16.77		
15	256QAM	1	0	16.81	16.82	16.90	18.5	0
15	256QAM	1	37	16.67	16.85	16.73		
15	256QAM	1	74	16.79	16.74	16.83		
15	256QAM	36	0	16.70	16.92	16.89	18.5	0
15	256QAM	36	20	16.75	16.80	16.80		
15	256QAM	36	39	16.84	16.85	16.75		
15	256QAM	75	0	16.79	16.88	16.92		
Channel				1865	1880	1905	Tune-up (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.89	17.02	17.01		
10	QPSK	1	25	16.83	16.80	16.86	18.5	0
10	QPSK	1	49	16.90	16.90	16.86		
10	QPSK	25	0	16.82	16.92	17.01	18.5	0
10	QPSK	25	12	16.78	16.95	16.87		
10	QPSK	25	25	16.89	16.91	16.81		
10	QPSK	50	0	16.92	16.91	16.88		
10	16QAM	1	0	16.86	16.97	16.81	18.5	0
10	16QAM	1	25	16.79	16.98	16.89		
10	16QAM	1	49	16.71	16.76	16.83		
10	16QAM	25	0	16.77	16.84	16.98	18.5	0
10	16QAM	25	12	16.89	16.91	16.76		
10	16QAM	25	25	16.77	16.79	16.75		
10	16QAM	50	0	16.86	16.82	16.83		
10	64QAM	1	0	16.79	16.96	16.92		
10	64QAM	1	25	16.69	16.89	16.85	18.5	0
10	64QAM	1	49	16.71	16.77	16.73		
10	64QAM	25	0	16.83	16.91	16.91	18.5	0
10	64QAM	25	12	16.85	16.85	16.71		
10	64QAM	25	25	16.75	16.79	16.87		
10	64QAM	50	0	16.80	16.89	16.83	18.5	0
10	256QAM	1	0	16.80	16.86	16.94		
10	256QAM	1	25	16.67	16.87	16.86	18.5	0
10	256QAM	1	49	16.85	16.73	16.83		
10	256QAM	25	0	16.73	16.93	16.84		
10	256QAM	25	12	16.77	16.94	16.85	18.5	0
10	256QAM	25	25	16.79	16.75	16.75		
10	256QAM	50	0	16.77	16.83	16.93		
Channel				1862.5	1880	1917.5	Tune-up (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.97	16.95	16.97		
5	QPSK	1	12	16.77	16.99	16.90	18.5	0
5	QPSK	1	24	16.90	16.84	16.84		
5	QPSK	12	0	16.81	16.97	16.92		
5	QPSK	12	7	16.81	17.02	16.88	18.5	0
5	QPSK	12	13	16.89	16.92	16.85		
5	QPSK	25	0	16.82	16.94	16.93		
5	16QAM	1	0	16.84	16.91	16.95	18.5	0
5	16QAM	1	12	16.71	16.99	16.73		
5	16QAM	1	24	16.66	16.83	16.79		
5	16QAM	12	0	16.74	16.82	16.94	18.5	0
5	16QAM	12	7	16.75	16.91	16.85		
5	16QAM	12	13	16.79	16.74	16.81		
5	16QAM	25	0	16.90	16.82	16.80		
5	64QAM	1	0	16.72	16.97	16.92	18.5	0
5	64QAM	1	12	16.65	16.87	16.79		
5	64QAM	1	24	16.77	16.72	16.84		
5	64QAM	12	0	16.82	16.89	16.82	18.5	0
5	64QAM	12	7	16.84	16.91	16.75		
5	64QAM	12	13	16.78	16.85	16.71		
5	64QAM	25	0	16.82	16.83	16.76	18.5	0
5	256QAM	1	0	16.81	16.85	16.95		
5	256QAM	1	12	16.70	16.81	16.74	18.5	0
5	256QAM	1	24	16.82	16.85	16.92		
5	256QAM	12	0	16.74	16.89	16.79		
5	256QAM	12	7	16.77	16.94	16.80	18.5	0
5	256QAM	12	13	16.86	16.73	16.72		
5	256QAM	25	0	16.72	16.87	16.88		
Channel				1861.5	1880	1918.5	Tune-up (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.97	16.99	17.01		
3	QPSK	1	8	16.77	16.92	16.81	18.5	0
3	QPSK	1	14	16.85	16.80	16.86		
3	QPSK	8	0	16.83	16.86	16.96	18.5	0
3	QPSK	8	4	16.74	16.97	16.87		
3	QPSK	8	7	16.89	16.91	16.89		
3	QPSK	15	0	16.83	16.99	16.92		
3	16QAM	1	0	16.88	17.01	16.81	18.5	0
3	16QAM	1	8	16.79	16.89	16.69		
3	16QAM	1	14	16.68	16.81	16.90		
3	16QAM	8	0	16.76	16.91	16.97	18.5	0
3	16QAM	8	4	16.65	16.94	16.75		
3	16QAM	8	7	16.73	16.73	16.80		
3	16QAM	15	0	16.89	16.82	16.87	18.5	0
3	64QAM	1	0	16.76	16.97	16.86		
3	64QAM	1	8	16.66	16.93	16.84	18.5	0
3	64QAM	1	14	16.77	16.77	16.83		
3	64QAM	8	0	16.79	16.91	16.89	18.5	0
3	64QAM	8	4	16.84	16.79	16.76		
3	64QAM	8	7	16.75	16.87	16.71		
3	64QAM	15	0	16.77	16.82	16.81	18.5	0
3	256QAM	1	0	16.82	16.84	16.96		
3	256QAM	1	8	16.72	16.84	16.77	18.5	0
3	256QAM	1	14	16.79	16.79	16.96		





### Band 5 Ant 0 DSI6

BW [MHz]	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	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.63	22.66	22.54		
10	QPSK	25	0	21.59	21.65	21.60	23	1
10	QPSK	50	0	21.56	21.62	21.59		

### Band 38 Ant 0 DSI6

BW [MHz]	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	22.5	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.78	20.93	20.72		
20	QPSK	50	0	20.36	20.43	20.33	22	0.5
20	QPSK	100	0	20.26	20.40	20.28		

### Band 4 Ant 1 DSI6

BW [MHz]	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	19.3	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.80	17.98	17.89		
20	QPSK	50	0	17.71	17.95	17.79	19.3	0
20	QPSK	100	0	17.83	17.88	17.79		

### Band 26 Ant 1 DSI6

BW [MHz]	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	24	0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.65	22.72	22.54		
15	QPSK	36	0	21.61	21.73	21.53	23	1
15	QPSK	75	0	21.57	21.69	21.62		

### Band 4 Ant 2 DSI6

BW [MHz]	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	22.9	0
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.81	21.84	21.69		
20	QPSK	50	0	21.57	21.80	21.65	22.9	0
20	QPSK	100	0	21.69	21.72	21.64		

### Band 7 Ant 10 DSI6

BW [MHz]	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	19.6	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.44	18.47	18.36		
20	QPSK	50	0	18.25	18.41	18.37	19.6	0
20	QPSK	100	0	18.27	18.42	18.30		

### Band 7 Ant 0 DSI6

BW [MHz]	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	22.1	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.75	20.89	20.80		
20	QPSK	50	0	19.82	19.86	19.76	21.5	0.6
20	QPSK	100	0	19.77	19.81	19.78		

### Band 38 HPUE Ant 0 DSI6

BW [MHz]	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	24.1	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.33	22.42	22.23		
20	QPSK	50	0	22.19	22.26	22.14	24.1	0
20	QPSK	100	0	22.21	22.22	22.21		

### Band 5 Ant 1 DSI6

BW [MHz]	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	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.56	22.59	22.56		
10	QPSK	25	0	21.54	21.65	21.56	23	1
10	QPSK	50	0	21.53	21.62	21.59		

### Band 66 Ant 1 DSI6

BW [MHz]	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	19.3	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.98	18.00	17.93		
20	QPSK	50	0	17.76	17.93	17.84	19.3	0
20	QPSK	100	0	17.86	17.92	17.87		

### Band 7 Ant 2 DSI6

BW [MHz]	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	21.8	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.29	20.45	20.33		
20	QPSK	50	0	20.26	20.42	20.26	21.8	0
20	QPSK	100	0	20.22	20.29	20.25		

### Band 38 Ant 10 DSI3

BW [MHz]	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	22	0
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.55	20.63	20.42		
20	QPSK	50	0	20.45	20.49	20.47	22	0
20	QPSK	100	0	20.49	20.51	20.39		

### Band 12 Ant 0 DSI6

BW [MHz]	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	22.34	22.41	22.38	24	0
10	QPSK	25	0	21.32	21.48	21.41	23	1
10	QPSK	50	0	21.36	21.43	21.39		

### Band 17 Ant 0 DSI6

BW [MHz]	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	22.22	22.40	22.28	24	0
10	QPSK	25	0	21.15	21.37	21.20	23	1
10	QPSK	50	0	21.19	21.36	21.15		

### Band 7 Ant 1 DSI6

BW [MHz]	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	17.54	17.60	17.52	18.6	0
20	QPSK	50	0	17.42	17.52	17.45	18.6	0
20	QPSK	100	0	17.34	17.50	17.45		

### Band 12 Ant 1 DSI6

BW [MHz]	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	22.33	22.36	22.34	24	0
10	QPSK	25	0	21.38	21.46	21.43	23	1
10	QPSK	50	0	21.36	21.40	21.31		

### Band 38 Ant 1 DSI6

BW [MHz]	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	19.13	19.31	19.16	20.5	0
20	QPSK	50	0	19.04	19.22	19.17	20.5	0
20	QPSK	100	0	19.04	19.13	19.10		

### Band 38 HPUE Ant 1 DSI6

BW [MHz]	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	20.82	20.91	20.77	22.1	0
20	QPSK	50	0	20.71	20.90	20.66	22.1	0
20	QPSK	100	0	20.76	20.89	20.75		

### Band 66 Ant 2 DSI6

BW [MHz]	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	21.85	21.88	21.81	22.9	0
20	QPSK	50	0	21.75	21.79	21.71	22.9	0
20	QPSK	100	0	21.73	21.76	21.68		

### Band 38 Ant 2 DSI6

BW [MHz]	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	22.17	22.27	22.24	23.5	0
20	QPSK	50	0	21.13	21.25	21.08	22.5	1
20	QPSK	100	0	21.01	21.07	20.98		

### Band 38 HPUE Ant 10 DSI3

BW [MHz]	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	22.21	22.31	22.24	23.6	0
20	QPSK	50	0	22.24	22.22	22.11	23.6	0
20	QPSK	100	0	22.20	22.28	22.15		

Band 26 Ant 0 DSI6								
BW [MHz]	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	22.68	22.75	22.69	24	0
15	QPSK	36	0	21.76	21.79	21.62	23	1
15	QPSK	75	0	21.72	21.81	21.70		

Band 17 Ant 1 DSI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.21	22.31	22.20	24	0
10	QPSK	25	0	21.22	21.40	21.21	23	1
10	QPSK	50	0	21.26	21.29	21.23		

Band 38 HPUE Ant 2 DSI6								
BW [MHz]	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	24.41	24.42	24.33	25.5	0
20	QPSK	50	0	24.14	24.29	24.03	25.5	0
20	QPSK	100	0	24.16	24.21	24.18		



### Band 41 Ant 0 DSI6

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	22.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.89	20.87	20.95	20.85	20.87	22	0.5
20	QPSK	50	0	20.34	20.38	20.45	20.43	20.35		
20	QPSK	100	0	20.36	20.30	20.42	20.35	20.38		

### Band 41 Ant 1 DSI6

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	20.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.27	19.25	19.34	19.29	19.32	20.5	0
20	QPSK	50	0	19.25	19.24	19.27	19.26	19.17		
20	QPSK	100	0	19.17	19.15	19.27	19.20	19.24		

### Band 41 Ant 2 DSI6

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	23.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.26	22.19	22.32	22.31	22.24	22.5	1
20	QPSK	50	0	21.07	21.18	21.25	21.10	21.14		
20	QPSK	100	0	21.05	21.06	21.12	21.03	21.07		

### Band 41 Ant 10 DSI3

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	22	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.54	20.53	20.64	20.58	20.59	22	0
20	QPSK	50	0	20.53	20.58	20.52	20.57	20.47		
20	QPSK	100	0	20.40	20.55	20.57	20.54	20.53		

### Band 41 HPUE Ant 0 DSI6

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	24.1	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.40	22.34	22.45	22.34	22.30	24.1	0
20	QPSK	50	0	22.28	22.31	22.40	22.24	22.25		
20	QPSK	100	0	22.30	22.31	22.40	22.37	22.37		

### Band 41 HPUE Ant 1 DSI6

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	22.1	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.84	20.93	20.98	20.94	20.84	22.1	0
20	QPSK	50	0	20.78	20.74	20.95	20.80	20.80		
20	QPSK	100	0	20.68	20.81	20.85	20.84	20.74		

### Band 41 HPUE Ant 2 DSI6

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	25.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.43	24.43	24.47	24.46	24.43	25.5	0
20	QPSK	50	0	24.25	24.25	24.32	24.20	24.30		
20	QPSK	100	0	24.22	24.30	24.37	24.24	24.30		

### Band 41 HPUE Ant 10 DSI3

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	23.6	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.35	22.31	22.40	22.38	22.28	23.6	0
20	QPSK	50	0	22.22	22.30	22.31	22.17	22.18		
20	QPSK	100	0	22.20	22.23	22.33	22.21	22.30		



### Band 42 Part 27Q Ant 7 DSI3

Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
42190	42990	42990	20.4	0				
3480	3500	3540						
20	QPSK	1	0	19.48	19.54	19.41	20.4	0
20	QPSK	50	0	19.37	19.49	19.34		
20	QPSK	100	0	19.47	19.48	19.41		

## Reduced Power Mode DSI7

GSM850 Ant 0 DSI7	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
GPRS 3 Tx slots	26.77	26.86	26.83	27.90	22.51	22.60	22.57	23.64	

Band	WCDMA V Ant 0 DSI7			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	RMC 12.2Kbps	22.16	22.18	22.09	24.00

GSM850 Ant 1 DSI7	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
GPRS 4 Tx slots	24.41	24.76	24.67	25.80	21.41	21.76	21.67	22.80	

GSM1900 Ant 1 DSI7	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
GPRS 4 Tx slots	16.16	16.27	16.17	17.30	13.16	13.27	13.17	14.30	

Band	WCDMA II Ant 1 DSI7			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI7			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI7			Tune-up Limit (dBm)	
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6				
3GPP Rel 99	RMC 12.2Kbps	11.70	11.75	11.62	12.60	13.05	13.13	12.95	14.30	20.01	20.05	19.98	21.30

GSM1900 Ant 2 DSI7	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
GPRS 4 Tx slots	22.36	22.53	22.49	23.40	19.36	19.53	19.49	20.40	

Band	WCDMA II Ant 2 DSI7			Tune-up Limit (dBm)	WCDMA IV Ant 2 DSI7			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	RMC 12.2Kbps	18.93	18.99	18.88	20.00	18.10	18.12	18.04	19.20



Band 2 Ant 1 DS17

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				113.23	12.88	-87.47		
Frequency (MHz)				22.98	12.945	2.21		
20	QPSK	1	0	13.30	13.36	13.28		
20	QPSK	1	49	13.25	13.27	13.17	14.7	0
20	QPSK	1	99	13.19	13.30	13.25		
20	QPSK	50	0	13.15	13.34	13.05		
20	QPSK	50	24	13.03	13.25	13.07	14.7	0
20	QPSK	100	0	13.28	13.25	13.24		
20	16QAM	1	0	13.22	13.30	13.18		
20	16QAM	1	49	13.21	13.15	13.09	14.7	0
20	16QAM	1	99	13.14	13.28	13.21		
20	16QAM	50	0	13.04	13.21	13.12		
20	16QAM	50	24	12.97	13.24	12.96		
20	16QAM	50	50	13.03	13.17	12.98	14.7	0
20	16QAM	100	0	13.07	13.20	13.13		
20	64QAM	1	0	13.10	13.33	13.21		
20	64QAM	1	49	13.12	13.23	13.04	14.7	0
20	64QAM	1	99	13.07	13.19	13.17		
20	64QAM	50	0	13.10	13.17	13.15		
20	64QAM	50	24	12.91	13.20	13.02		
20	64QAM	50	50	12.95	13.18	13.03	14.7	0
20	64QAM	100	0	13.06	13.12	13.16		
20	256QAM	1	0	13.27	13.27	13.20		
20	256QAM	1	49	13.14	13.18	13.12	14.7	0
20	256QAM	1	99	13.05	13.22	13.22		
20	256QAM	50	0	13.04	13.20	13.07		
20	256QAM	50	24	12.99	13.23	12.99		
20	256QAM	50	50	12.97	13.12	12.96	14.7	0
20	256QAM	100	0	13.14	13.22	13.13		
Channel				68.23	12.88	-62.47		
Frequency (MHz)				20.48	12.945	5.41		
15	QPSK	1	0	13.20	13.27	13.16		
15	QPSK	1	37	13.21	13.15	13.10	14.7	0
15	QPSK	1	74	13.12	13.21	13.19		
15	QPSK	36	0	13.06	13.26	13.12		
15	QPSK	36	20	12.92	13.22	12.96	14.7	0
15	QPSK	36	39	12.91	13.15	13.04		
15	QPSK	75	0	13.06	13.19	13.15		
15	16QAM	1	0	13.20	13.22	13.15		
15	16QAM	1	37	13.13	13.08	13.04	14.7	0
15	16QAM	1	74	13.08	13.15	13.17		
15	16QAM	36	0	13.02	13.14	13.01		
15	16QAM	36	20	12.92	13.19	12.84	14.7	0
15	16QAM	36	39	12.87	13.14	12.87		
15	16QAM	75	0	12.98	13.11	13.08		
15	64QAM	1	0	13.13	13.24	13.13		
15	64QAM	1	37	12.98	13.11	12.93	14.7	0
15	64QAM	1	74	12.98	13.13	13.07		
15	64QAM	36	0	13.04	13.15	13.11		
15	64QAM	36	20	12.85	13.13	12.84	14.7	0
15	64QAM	36	39	12.84	13.05	12.83		
15	64QAM	75	0	13.15	13.24	13.17		
15	256QAM	1	0	13.00	13.13	13.08	14.7	0
15	256QAM	1	37	13.06	13.10	13.12		
15	256QAM	1	74	12.98	13.02	12.99		
15	256QAM	36	0	13.02	13.17	13.05		
15	256QAM	36	20	12.88	13.15	12.86	14.7	0
15	256QAM	36	39	12.87	13.08	12.83		
15	256QAM	75	0	13.06	13.13	13.08		
Channel				63.23	12.88	-57.47		
Frequency (MHz)				17.83	12.945	7.01		
10	QPSK	1	0	13.16	13.31	13.17		
10	QPSK	1	25	13.20	13.18	13.09	14.7	0
10	QPSK	1	49	13.06	13.22	13.17		
10	QPSK	25	0	13.09	13.12	13.06		
10	QPSK	25	12	12.98	13.23	13.08	14.7	0
10	QPSK	25	25	12.91	13.18	12.94		
10	QPSK	25	49	13.14	13.13	13.11		
10	16QAM	1	0	13.17	13.16	13.13		
10	16QAM	1	25	13.08	13.02	12.98	14.7	0
10	16QAM	1	49	13.11	13.21	13.16		
10	16QAM	25	0	12.91	13.08	12.98		
10	16QAM	25	12	12.83	13.21	12.91	14.7	0
10	16QAM	25	25	12.89	13.09	12.91		
10	16QAM	50	0	12.96	13.08	13.00		
10	64QAM	1	0	13.10	13.20	13.17		
10	64QAM	1	25	13.03	13.10	13.01	14.7	0
10	64QAM	1	49	13.04	13.05	13.13		
10	64QAM	25	0	12.85	13.11	13.02		
10	64QAM	25	12	12.81	13.15	12.92	14.7	0
10	64QAM	25	25	12.85	13.14	12.88		
10	64QAM	50	0	13.01	13.06	13.12		
10	256QAM	1	0	13.16	13.16	13.10		
10	256QAM	1	25	13.02	13.11	13.07	14.7	0
10	256QAM	1	49	12.94	13.14	13.09		
10	256QAM	25	0	12.96	13.14	13.00		
10	256QAM	25	12	12.91	13.16	12.85	14.7	0
10	256QAM	25	25	12.85	13.08	12.90		
10	256QAM	50	0	13.03	13.12	13.07		
Channel				68.23	12.88	-62.47		
Frequency (MHz)				15.48	12.945	10.41		
5	QPSK	1	0	13.20	13.24	13.20		
5	QPSK	1	12	13.13	13.17	13.11	14.7	0
5	QPSK	11	24	13.15	13.22	13.23		
5	QPSK	12	0	13.12	13.29	13.16		
5	QPSK	12	7	12.99	13.14	13.03	14.7	0
5	QPSK	12	13	12.96	13.17	13.04		
5	QPSK	25	0	13.09	13.13	13.14		
5	16QAM	1	0	13.16	13.18	13.15		
5	16QAM	1	12	13.15	13.02	12.98	14.7	0
5	16QAM	1	24	13.12	13.15	13.18		
5	16QAM	12	0	12.91	13.08	13.00		
5	16QAM	12	12	12.91	13.22	12.84	14.7	0
5	16QAM	12	13	12.95	13.11	12.88		
5	16QAM	25	0	13.03	13.18	13.01		
5	64QAM	1	0	13.10	13.24	13.17		
5	64QAM	1	12	13.02	13.12	12.93	14.7	0
5	64QAM	1	24	12.95	13.11	13.03		
5	64QAM	12	0	12.89	13.11	13.12		
5	64QAM	12	7	12.82	13.11	12.92	14.7	0
5	64QAM	12	13	12.91	13.08	12.91		
5	64QAM	25	0	12.95	13.08	13.06		
5	256QAM	1	0	13.22	13.16	13.13		
5	256QAM	1	12	13.04	13.10	13.00	14.7	0
5	256QAM	1	24	12.98	13.11	13.12		
5	256QAM	12	0	12.93	13.13	13.01		
5	256QAM	12	7	12.93	13.14	12.89	14.7	0
5	256QAM	12	13	12.86	13.09	12.89		
5	256QAM	25	0	13.02	13.15	12.99		
Channel				68.23	12.88	-62.47		
Frequency (MHz)				14.48	12.945	11.41		
3	QPSK	1	0	13.16	13.28	13.15		
3	QPSK	1	8	13.16	13.24	13.11	14.7	0
3	QPSK	1	14	13.16	13.21	13.22		
3	QPSK	8	0	13.08	13.20	13.18		
3	QPSK	8	4	12.94	13.23	12.96	14.7	0
3	QPSK	8	7	12.88	13.14	12.85		
3	QPSK	15	0	13.12	13.17	13.20		
3	16QAM	1	0	13.17	13.25	13.13		
3	16QAM	1	8	13.17	13.08	13.01	14.7	0
3	16QAM	1	14	13.02	13.23	13.18		
3	16QAM	8	0	13.00	13.12	13.08		
3	16QAM	8	4	12.91	13.21	12.87	14.7	0
3	16QAM	8	7	12.89	13.07	12.86		
3	16QAM	15	0	13.04	13.14	13.07		
3	64QAM	1	0	13.10	13.28	13.10		
3	64QAM	1	8	12.98	13.20	13.01	14.7	0
3	64QAM	1	14	13.01	13.12	13.12		
3	64QAM	8	0	13.01	13.12	13.08		
3	64QAM	8	4	12.77	13.08	13.00	14.7	0
3	64QAM	8	7	12.86	13.09	12.90		
3	64QAM	15	0	13.01	13.09	13.15		
3	256QAM	1	0	13.17	13.14	13.10		
3	256QAM	1	8	13.09	13.10	13.04	14.7	0
3	256QAM	1	14	13.00	13.10	13.18		
3	256QAM	8	0	13.06	13.13	13.04		
3	256QAM	8	4	12.85				





## Band 2 Ant 2 DSI7

BW [MHz]	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	17.59	17.66	17.62	19	0
20	QPSK	1	49	17.52	17.62	17.51		
20	QPSK	1	99	17.48	17.59	17.49		
20	QPSK	50	0	17.48	17.63	17.42	19	0
10	256QAM	25	0	15.87	16.12	15.80	17.5	1.5
10	256QAM	25	12	15.98	16.02	16.11		
10	256QAM	25	25	16.04	15.90	16.09		
10	256QAM	50	0	15.89	15.87	15.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.46	17.58	17.59	19	0
5	QPSK	1	12	17.44	17.52	17.42		
5	QPSK	1	24	17.35	17.50	17.47		
5	QPSK	12	0	17.35	17.58	17.33	19	0
5	QPSK	12	7	17.49	17.49	17.53		
5	QPSK	12	13	17.43	17.45	17.47		
5	QPSK	25	0	17.43	17.39	17.35	19	0
5	16QAM	1	0	17.36	17.43	17.43		
5	16QAM	1	12	17.36	17.46	17.28		
5	16QAM	1	24	17.34	17.49	17.34	19	0
5	16QAM	12	0	17.24	17.46	17.26		
5	16QAM	12	7	17.31	17.50	17.44		
5	16QAM	12	13	17.31	17.40	17.43	19	0
5	16QAM	25	0	17.29	17.39	17.32		
5	64QAM	1	0	17.43	17.50	17.41		
5	64QAM	1	12	17.45	17.49	17.37	19	0
5	64QAM	1	24	17.34	17.48	17.31		
5	64QAM	12	0	17.34	17.47	17.31		
5	64QAM	12	7	17.36	17.38	17.43	19	0
5	64QAM	12	13	17.30	17.31	17.52		
5	64QAM	25	0	17.34	17.34	17.25		
5	256QAM	1	0	16.00	16.00	16.03	17.5	1.5
5	256QAM	1	12	15.88	15.99	16.00		
5	256QAM	1	24	15.90	16.05	15.94		
5	256QAM	12	0	15.89	16.12	15.78	17.5	1.5
5	256QAM	12	7	15.96	16.06	16.05		
5	256QAM	12	13	15.95	15.91	16.07		
5	256QAM	25	0	15.90	15.85	15.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.51	17.55	17.51	19	0
3	QPSK	1	8	17.39	17.55	17.45		
3	QPSK	1	14	17.40	17.48	17.47		
3	QPSK	8	0	17.36	17.58	17.28	19	0
3	QPSK	8	4	17.43	17.49	17.46		
3	QPSK	8	7	17.47	17.48	17.55		
3	QPSK	15	0	17.35	17.50	17.37	19	0
3	16QAM	1	0	17.35	17.45	17.51		
3	16QAM	1	8	17.47	17.43	17.31		
3	16QAM	1	14	17.31	17.44	17.26	19	0
3	16QAM	8	0	17.25	17.55	17.36		
3	16QAM	8	4	17.35	17.41	17.38		
3	16QAM	8	7	17.37	17.42	17.40	19	0
3	16QAM	15	0	17.38	17.38	17.35		
3	64QAM	1	0	17.50	17.53	17.46		
3	64QAM	1	8	17.36	17.44	17.33	19	0
3	64QAM	1	14	17.23	17.43	17.29		
3	64QAM	8	0	17.35	17.50	17.25		
3	64QAM	8	4	17.38	17.45	17.44	19	0
3	64QAM	8	7	17.27	17.39	17.49		
3	64QAM	15	0	17.25	17.38	17.32		
3	256QAM	1	0	15.99	16.01	16.15	17.5	1.5
3	256QAM	1	8	15.88	16.00	15.95		
3	256QAM	1	14	15.94	16.08	15.88		
3	256QAM	8	0	15.99	16.06	15.77	17.5	1.5
3	256QAM	8	4	15.99	16.04	16.05		
3	256QAM	8	7	16.01	15.97	16.10		
3	256QAM	15	0	15.92	15.94	15.95		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.50	17.61	17.58	19	0
1.4	QPSK	1	3	17.42	17.55	17.37		
1.4	QPSK	1	5	17.44	17.46	17.43		
1.4	QPSK	3	0	17.36	17.50	17.38	19	0
1.4	QPSK	3	1	17.41	17.52	17.55		
1.4	QPSK	3	3	17.44	17.49	17.49		
1.4	QPSK	6	0	17.35	17.47	17.35	19	0
1.4	16QAM	1	0	17.42	17.41	17.51	19	0
1.4	16QAM	1	3	17.41	17.49	17.32		
1.4	16QAM	3	0	17.30	17.42	17.31		
1.4	16QAM	3	1	17.38	17.49	17.43	19	0
1.4	16QAM	3	3	17.34	17.41	17.36		
1.4	16QAM	6	0	17.30	17.36	17.36		
1.4	64QAM	1	0	17.44	17.46	17.37	19	0
1.4	64QAM	1	3	17.38	17.52	17.30		
1.4	64QAM	1	5	17.30	17.53	17.27		
1.4	64QAM	3	0	17.27	17.51	17.33	19	0
1.4	64QAM	3	1	17.41	17.45	17.46		
1.4	64QAM	3	3	17.35	17.37	17.54		
1.4	64QAM	6	0	17.32	17.36	17.24	19	0
1.4	256QAM	1	0	15.99	16.01	16.04	17.5	1.5
1.4	256QAM	1	3	15.94	15.97	15.97		
1.4	256QAM	1	5	15.91	16.03	15.93		
1.4	256QAM	3	0	15.88	16.09	15.73	17.5	1.5
1.4	256QAM	3	1	15.89	16.04	16.07		
1.4	256QAM	3	3	16.04	15.98	16.11		
1.4	256QAM	6	0	15.87	15.90	15.96	17.5	1.5

### Band 5 Ant 0 DSI7

BW [MHz]	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	22.63	22.66	22.54	24	0
10	QPSK	25	0	21.59	21.65	21.60	23	1
10	QPSK	50	0	21.56	21.62	21.59		

### Band 4 Ant 1 DSI7

BW [MHz]	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	12.08	12.24	12.09	13.9	0
20	QPSK	50	0	12.01	12.17	12.11	13.9	0
20	QPSK	100	0	12.04	12.05	12.00		

### Band 4 Ant 2 DSI7

BW [MHz]	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	18.50	18.59	18.52	19.9	0
20	QPSK	50	0	18.49	18.55	18.43	19.9	0
20	QPSK	100	0	18.46	18.50	18.48		

### Band 7 Ant 10 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.89	16.93	16.87	18	0
20	QPSK	50	0	16.79	16.85	16.78	17	1
20	QPSK	100	0	16.78	16.79	16.71		

### Band 7 Ant 0 DSI7

BW [MHz]	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	20.74	20.82	20.74	21.9	0
20	QPSK	50	0	19.77	19.81	19.77	21.5	0.4
20	QPSK	100	0	19.77	19.85	19.82		

### Band 5 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.56	21.63	21.56	22.9	0
10	QPSK	25	0	21.57	21.60	21.50	22.9	0
10	QPSK	50	0	21.43	21.50	21.46		

### Band 7 Ant 2 DSI7

BW [MHz]	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	19.01	19.09	19.05	20.4	0
20	QPSK	50	0	18.96	19.05	18.98	20.4	0
20	QPSK	100	0	18.93	19.02	18.92		

### Band 12 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23960	23995	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.34	22.41	22.38	24	0
10	QPSK	25	0	21.32	21.48	21.41	23	1
10	QPSK	50	0	21.36	21.43	21.39		

### Band 7 Ant 1 DSI7

BW [MHz]	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	12.13	12.19	12.07	13.2	0
20	QPSK	50	0	11.99	12.12	12.00	13.2	0
20	QPSK	100	0	12.06	12.08	11.99		

### Band 66 Ant 2 DSI7

BW [MHz]	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	18.73	18.74	18.66	19.9	0
20	QPSK	50	0	18.53	18.70	18.49	19.9	0
20	QPSK	100	0	18.52	18.60	18.56		

### Band 17 Ant 0 DSI7

BW [MHz]	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	22.22	22.40	22.28	24	0
10	QPSK	25	0	21.15	21.37	21.20	23	1
10	QPSK	50	0	21.19	21.36	21.15		

### Band 12 Ant 1 DSI7

BW [MHz]	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	21.80	21.81	21.75	23	0
10	QPSK	25	0	21.73	21.74	21.58	23	0
10	QPSK	50	0	21.64	21.71	21.63		

### Band 26 Ant 0 DSI7

BW [MHz]	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	22.68	22.75	22.69	24	0
15	QPSK	36	0	21.76	21.79	21.62	23	1
15	QPSK	75	0	21.72	21.61	21.70		

### Band 17 Ant 1 DSI7

BW [MHz]	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	21.61	21.71	21.66	23	0
10	QPSK	25	0	21.61	21.66	21.54	23	0
10	QPSK	50	0	21.54	21.57	21.53		

### Band 26 Ant 1 DSI7

BW [MHz]	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	21.62	21.67	21.53	22.9	0
15	QPSK	36	0	21.57	21.60	21.50	22.9	0
15	QPSK	75	0	21.48	21.59	21.53		

Band 66 Ant 1 DSI7								
BW [MHz]	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	13.9	0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.14	12.26	12.11	13.9	0
20	QPSK	50	0	12.11	12.13	12.05		
20	QPSK	100	0	12.03	12.08	12.07		

### Band 38 Ant 0 DSI7

BW [MHz]	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	18.41	18.54	18.34	19.9	0
20	QPSK	50	0	18.30	18.36	18.28	19.9	0
20	QPSK	100	0	18.33	18.41	18.37		

### Band 38 Ant 1 DSI7

BW [MHz]	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	12.61	12.67	12.56	13.9	0
20	QPSK	50	0	12.44	12.55	12.39	13.9	0
20	QPSK	100	0	12.49	12.52	12.50		

### Band 38 Ant 2 DSI7

BW [MHz]	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	21.12	21.18	21.10	22.5	0
20	QPSK	50	0	20.94	21.09	21.01	22.5	0
20	QPSK	100	0	20.85	21.01	20.82		

### Band 42 Part 27Q Ant 7 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.82	16.95	16.88	18.6	0
20	QPSK	50	0	16.75	16.81	16.76	18.6	0
20	QPSK	100	0	16.70	16.86	16.82		

### Band 38 Ant 10 DSI7

BW [MHz]	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	18.07	18.21	18.14	19.2	0
20	QPSK	50	0	18.16	18.14	18.01	19.2	0
20	QPSK	100	0	18.06	17.98	18.03		

### Band 38 HPUE Ant 0 DSI7

BW [MHz]	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	19.97	20.11	20.01	21.5	0
20	QPSK	50	0	19.98	20.08	20.06	21.5	0
20	QPSK	100	0	19.91	20.05	19.87		

### Band 38 HPUE Ant 1 DSI7

BW [MHz]	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	14.32	14.35	14.21	15.5	0
20	QPSK	50	0	14.21	14.30	14.16	15.5	0
20	QPSK	100	0	14.16	14.24	14.20		

### Band 38 HPUE Ant 2 DSI7

BW [MHz]	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	22.76	22.83	22.73	24.1	0
20	QPSK	50	0	22.60	22.76	22.68	24.1	0
20	QPSK	100	0	22.67	22.76	22.73		

### Band 38 HPUE Ant 10 DSI7

BW [MHz]	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	19.78	19.86	19.75	20.8	0
20	QPSK	50	0	19.65	19.74	19.65	20.8	0
20	QPSK	100	0	19.74	19.83	19.75		



### Band 41 Ant 0 DSI7

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	18.47	18.42	18.56	18.48	18.46	19.9	0
20	QPSK	50	0	18.34	18.43	18.52	18.34	18.38	19.9	0
20	QPSK	100	0	18.44	18.35	18.50	18.49	18.41	19.9	0

### Band 41 Ant 1 DSI7

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	12.64	12.71	12.75	12.68	12.65	13.9	0
20	QPSK	50	0	12.63	12.67	12.69	12.65	12.66	13.9	0
20	QPSK	100	0	12.57	12.56	12.67	12.63	12.59	13.9	0

### Band 41 Ant 2 DSI7

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	21.12	21.19	21.25	21.17	21.12	22.5	0
20	QPSK	50	0	21.09	21.08	21.14	21.02	21.06	22.5	0
20	QPSK	100	0	21.01	21.05	21.13	20.97	21.03	22.5	0

### Band 41 Ant 10 DSI7

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	18.15	18.13	18.25	18.20	18.14	19.2	0
20	QPSK	50	0	18.20	18.15	18.18	18.17	18.00	19.2	0
20	QPSK	100	0	18.06	18.10	18.11	18.13	18.03	19.2	0

### Band 41 HPUE Ant 0 DSI7

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	19.98	20.05	20.14	20.06	20.04	21.5	0
20	QPSK	50	0	19.98	19.98	20.08	20.01	19.97	21.5	0
20	QPSK	100	0	19.98	20.00	20.10	20.04	19.94	21.5	0

### Band 41 HPUE Ant 1 DSI7

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	14.39	14.36	14.40	14.35	14.28	15.5	0
20	QPSK	50	0	14.29	14.25	14.37	14.36	14.19	15.5	0
20	QPSK	100	0	14.26	14.23	14.35	14.31	14.14	15.5	0

### Band 41 HPUE Ant 2 DSI7

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	22.75	22.89	22.93	22.86	22.84	24.1	0
20	QPSK	50	0	22.63	22.75	22.88	22.69	22.82	24.1	0
20	QPSK	100	0	22.70	22.83	22.86	22.82	22.66	24.1	0

### Band 41 HPUE Ant 10 DSI7

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	19.83	19.86	19.91	19.85	19.85	20.8	0
20	QPSK	50	0	19.79	19.73	19.87	19.71	19.74	20.8	0
20	QPSK	100	0	19.79	19.72	19.78	19.78	19.71	20.8	0



Full&Default Power Mode

n5 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				165000	167300	167600		
Frequency (MHz)				834	838.5	839		
20	QPSK	1	1	22.84	22.75	22.74	24.0	0.0
20	QPSK	50	28	22.95	22.62	22.58	24.0	0.0
20	QPSK	100	0	21.65	21.70	21.69	23.0	1.0

n41 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				509202	516598	520000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.85	20.88	20.78	22.0	0.0
100	QPSK	135	69	20.87	20.71	20.68	22.0	0.0
100	QPSK	270	0	19.87	19.88	19.86	21.0	1.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.57	22.64	22.51	24.0	0.0
40	QPSK	108	54	22.38	22.54	22.35	24.0	0.0
40	QPSK	216	0	21.40	21.54	21.35	23.0	1.0

n5 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.47	22.50	22.48	24.0	0.0
20	QPSK	50	28	22.27	22.29	22.25	24.0	0.0
20	QPSK	100	0	21.33	21.48	21.40	23.0	1.0

n41 Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	516598	520000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.94	21.02	20.92	22.5	0.0
100	QPSK	135	69	20.74	20.93	20.83	22.5	0.0
100	QPSK	270	0	19.74	19.91	19.78	21.5	1.0

n66 Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.39	22.50	22.47	24.0	0.0
40	QPSK	108	54	22.35	22.40	22.28	24.0	0.0
40	QPSK	216	0	21.19	21.42	21.20	23.0	1.0

n41 Ant 2								
BW (MHz)	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	516598	520000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	22.46	22.60	22.46	24.0	0.0
100	QPSK	135	69	22.48	22.49	22.36	24.0	0.0
100	QPSK	270	0	21.40	21.52	21.35	23.0	1.0

Part270 n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	QPSK	1	1	22.38	22.48	22.42	24.0	0.0
100	QPSK	135	69	22.24	22.31	22.30	24.0	0.0
100	QPSK	270	0	21.44	21.45	21.43	23.0	1.0

Part270 n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	QPSK	1	1	22.41	22.41	22.41	24.0	0.0
100	QPSK	135	69	22.24	22.24	22.24	24.0	0.0
100	QPSK	270	0	21.43	21.43	21.43	23.0	1.0

Part270 n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	QPSK	1	1	22.83	22.85	22.83	24.0	0.0
100	QPSK	135	69	22.47	22.60	22.58	24.0	0.0
100	QPSK	270	0	21.59	21.63	21.59	23.0	1.0

Part270 n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	QPSK	1	1	22.84	22.84	22.84	24.0	0.0
100	QPSK	135	69	22.57	22.57	22.57	24.0	0.0
100	QPSK	270	0	21.58	21.58	21.58	23.0	1.0

Part270 n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	QPSK	1	1	22.55	22.60	22.52	24.0	0.0
100	QPSK	135	69	22.43	22.52	22.42	24.0	0.0
100	QPSK	270	0	21.44	21.65	21.52	23.0	1.0

Part270 n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	QPSK	1	1	22.55	22.55	22.55	24.0	0.0
100	QPSK	135	69	22.48	22.48	22.48	24.0	0.0
100	QPSK	270	0	21.54	21.54	21.54	23.0	1.0

Part270 n77 Ant 8								
BW (MHz)	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	22.19	22.24	22.12	24.0	0.0
100	QPSK	135	69	22.07	22.20	22.18	24.0	0.0
100	QPSK	270	0	21.11	21.22	21.18	23.0	1.0

Part270 n78 Ant 8								
BW (MHz)	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	22.12	22.12	22.12	24.0	0.0
100	QPSK	135	69	22.02	22.02	22.02	24.0	0.0
100	QPSK	270	0	21.15	21.15	21.15	23.0	1.0

n41 Ant 10								
BW (MHz)	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	516598	520000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	22.73	22.84	22.82	24.0	0.0
100	QPSK	135	69	22.70	22.79	22.66	24.0	0.0
100	QPSK	270	0	21.67	21.69	21.62	23.0	1.0





n5 Ant 0 DSI2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				165000	167300	167600			
Frequency (MHz)				133.1	133.1	133.1			
20	QPSK	1	1	22.84	22.75	22.74	24.0	0.0	
20	QPSK	50	28	22.95	22.82	22.88	24.0	0.0	
20	QPSK	100	0	21.85	21.70	21.69	23.0	1.0	

n66 Ant 1 DSI2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	16.02	16.11	16.03	16.9	0.0	
40	QPSK	108	54	15.94	16.01	15.94	16.9	0.0	
40	QPSK	216	0	15.90	15.85	15.85	16.9	0.0	

n66 Ant 2 DSI2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				340000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	22.39	22.50	22.47	24.0	0.0	
40	QPSK	108	54	22.35	22.40	22.28	24.0	0.0	
40	QPSK	216	0	21.19	21.42	21.20	23.0	1.0	

Part270 n77 Ant 4 DSI2									
BW (MHz)	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	18.04	18.05	18.03	19.0	0.0	
100	QPSK	135	69	17.95	18.02	17.98	19.0	0.0	
100	QPSK	270	0	17.87	17.89	17.86	19.0	0.0	

Part270 n77 Ant 5 DSI2									
BW (MHz)	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	14.88	14.78	14.71	15.6	0.0	
100	QPSK	135	69	14.68	14.70	14.66	15.6	0.0	
100	QPSK	270	0	14.51	14.66	14.65	15.6	0.0	

Part270 n77 Ant 7 DSI2									
BW (MHz)	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	16.67	16.75	16.70	17.7	0.0	
100	QPSK	135	69	16.62	16.71	16.59	17.7	0.0	
100	QPSK	270	0	16.63	16.64	16.63	17.7	0.0	

Part270 n77 Ant 8 DSI2									
BW (MHz)	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	22.19	22.24	22.12	24.0	0.0	
100	QPSK	135	69	22.07	22.20	22.05	24.0	0.0	
100	QPSK	270	0	21.11	21.22	21.16	23.0	1.0	

n41 Ant 10 DSI2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	22.73	22.84	22.82	24.0	0.0	
100	QPSK	135	69	22.70	22.79	22.66	24.0	0.0	
100	QPSK	270	0	21.67	21.69	21.62	23.0	1.0	

Reduced Power Mode for DSI2									
n41 Ant 0 DSI2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	20.85	20.88	20.78	22.0	0.0	
100	QPSK	135	69	20.87	20.71	20.68	22.0	0.0	
100	QPSK	270	0	19.87	19.88	19.86	21.0	1.0	

n5 Ant 1 DSI2									
BW (MHz)	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	QPSK	1	1	21.36	21.43	21.37	23.0	0.0	
20	QPSK	50	28	21.20	21.35	21.14	23.0	0.0	
20	QPSK	100	0	21.33	21.26	21.27	23.0	0.0	

n41 Ant 2 DSI2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	22.46	22.60	22.46	24.0	0.0	
100	QPSK	135	69	22.48	22.49	22.36	24.0	0.0	
100	QPSK	270	0	21.40	21.52	21.35	23.0	1.0	

Part270 n78 Ant 4 DSI2									
BW (MHz)	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	17.95	17.95	17.95	19.0	0.0	
100	QPSK	135	69	17.87	17.87	17.87	19.0	0.0	
100	QPSK	270	0	17.82	17.82	17.82	19.0	0.0	

Part270 n78 Ant 5 DSI2									
BW (MHz)	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	14.88	14.88	14.88	15.6	0.0	
100	QPSK	135	69	14.56	14.56	14.56	15.6	0.0	
100	QPSK	270	0	14.60	14.60	14.60	15.6	0.0	

Part270 n78 Ant 7 DSI2									
BW (MHz)	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	16.68	16.68	16.68	17.7	0.0	
100	QPSK	135	69	16.56	16.56	16.56	17.7	0.0	
100	QPSK	270	0	16.61	16.61	16.61	17.7	0.0	

Part270 n78 Ant 8 DSI2									
BW (MHz)	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	22.12	22.12	22.12	24.0	0.0	
100	QPSK	135	69	22.02	22.02	22.02	24.0	0.0	
100	QPSK	270	0	21.15	21.15	21.15	23.0	1.0	

n41 Ant 1 DSI2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	13.74	13.79	13.72	14.8	0.0	
100	QPSK	135	69	13.66	13.76	13.69	14.8	0.0	
100	QPSK	270	0	13.63	13.75	13.65	14.8	0.0	



n5 Ant 0 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				16500	16700	16700			
Frequency (MHz)				334	333.5	333			
20	QPSK	1	1	22.84	22.75	22.74	24.0	0.0	
20	QPSK	50	28	22.95	22.82	22.98	24.0	0.0	
20	QPSK	100	0	21.85	21.70	21.69	23.0	1.0	

n66 Ant 1 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	15.70	15.78	15.68	16.8	0.0	
40	QPSK	108	54	15.67	15.76	15.67	16.8	0.0	
40	QPSK	216	0	15.58	15.68	15.68	16.8	0.0	

n66 Ant 2 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				340000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	20.47	20.57	20.51	21.9	0.0	
40	QPSK	108	54	20.50	20.54	20.35	21.9	0.0	
40	QPSK	216	0	20.33	20.47	20.33	21.9	0.0	

Part270 n77 Ant 4 DSI3									
BW (MHz)	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	17.97	17.98	17.97	19.0	0.0	
100	QPSK	135	69	17.80	17.91	17.82	19.0	0.0	
100	QPSK	270	0	17.72	17.80	17.76	19.0	0.0	

Part270 n77 Ant 5 DSI3									
BW (MHz)	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	16.87	16.77	16.72	17.8	0.0	
100	QPSK	135	69	16.72	16.76	16.60	17.8	0.0	
100	QPSK	270	0	16.59	16.67	16.62	17.8	0.0	

Part270 n77 Ant 7 DSI3									
BW (MHz)	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	18.02	18.15	18.14	19.5	0.0	
100	QPSK	135	69	17.93	18.08	18.01	19.5	0.0	
100	QPSK	270	0	17.93	18.02	17.94	19.5	0.0	

Part270 n77 Ant 8 DSI3									
BW (MHz)	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	21.84	21.88	21.57	23.3	0.0	
100	QPSK	135	69	21.55	21.64	21.62	23.3	0.0	
100	QPSK	270	0	21.25	21.37	21.28	23.0	0.0	

n41 Ant 10 DSI3									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	22.73	22.84	22.82	24.0	0.0	
100	QPSK	135	69	22.70	22.79	22.66	24.0	0.0	
100	QPSK	270	0	21.67	21.69	21.62	23.0	1.0	

Reduced Power Mode DSI3									
n41 Ant 0 DSI3									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	19.75	19.87	19.77	20.8	0.0	
100	QPSK	135	69	19.75	19.77	19.73	20.8	0.0	
100	QPSK	270	0	19.72	19.81	19.84	20.8	0.0	

n5 Ant 1 DSI3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				168800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	22.47	22.50	22.48	24.0	0.0	
20	QPSK	50	28	22.27	22.29	22.25	24.0	0.0	
20	QPSK	100	0	21.33	21.48	21.40	23.0	1.0	

n41 Ant 2 DSI3									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	20.06	20.08	19.99	21.1	0.0	
100	QPSK	135	69	20.02	20.05	20.00	21.1	0.0	
100	QPSK	270	0	19.98	20.04	19.96	21.1	0.0	

Part270 n78 Ant 4 DSI3									
BW (MHz)	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		17.83		19.0	0.0	
100	QPSK	135	69		17.81		19.0	0.0	
100	QPSK	270	0		17.68		19.0	0.0	

Part270 n78 Ant 5 DSI3									
BW (MHz)	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		16.86		17.8	0.0	
100	QPSK	135	69		16.82		17.8	0.0	
100	QPSK	270	0		16.60		17.8	0.0	

Part270 n78 Ant 7 DSI3									
BW (MHz)	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		18.04		19.5	0.0	
100	QPSK	135	69		17.89		19.5	0.0	
100	QPSK	270	0		17.96		19.5	0.0	

Part270 n78 Ant 8 DSI3									
BW (MHz)	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		21.59		23.3	0.0	
100	QPSK	135	69		21.50		23.3	0.0	
100	QPSK	270	0		21.34		23.0	0.0	

n41 Ant 1 DSI3									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	15.88	15.99	15.90	17.3	0.0	
100	QPSK	135	69	15.84	15.96	15.81	17.3	0.0	
100	QPSK	270	0	15.81	15.88	15.78	17.3	0.0	



n5 Ant 0 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				165000	167300	167600			
Frequency (MHz)				164	163.5	163			
20	QPSK	1	1	22.84	22.75	22.74	24.0	0.0	
20	QPSK	50	28	22.95	22.62	22.58	24.0	0.0	
20	QPSK	100	0	21.65	21.70	21.69	23.0	1.0	

n66 Ant 1 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	22.57	22.64	22.51	24.0	0.0	
40	QPSK	108	54	22.38	22.54	22.35	24.0	0.0	
40	QPSK	216	0	21.40	21.54	21.35	23.0	1.0	

n66 Ant 2 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				340000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	22.39	22.50	22.47	24.0	0.0	
40	QPSK	108	54	22.35	22.40	22.28	24.0	0.0	
40	QPSK	216	0	21.19	21.42	21.20	23.0	1.0	

Part270 n77 Ant 4 DSI4									
BW (MHz)	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	22.38	22.48	22.42	24.0	0.0	
100	QPSK	135	69	22.24	22.31	22.30	24.0	0.0	
100	QPSK	270	0	21.44	21.45	21.43	23.0	1.0	

Part270 n77 Ant 5 DSI4									
BW (MHz)	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	22.83	22.85	22.83	24.0	0.0	
100	QPSK	135	69	22.47	22.60	22.58	24.0	0.0	
100	QPSK	270	0	21.59	21.63	21.59	23.0	1.0	

Part270 n77 Ant 7 DSI4									
BW (MHz)	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	18.02	18.15	18.14	19.5	0.0	
100	QPSK	135	69	17.93	18.08	18.01	19.5	0.0	
100	QPSK	270	0	17.93	18.02	17.94	19.5	0.0	

Part270 n77 Ant 8 DSI4									
BW (MHz)	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	21.84	21.68	21.57	23.3	0.0	
100	QPSK	135	69	21.55	21.64	21.62	23.3	0.0	
100	QPSK	270	0	21.25	21.37	21.28	23.0	0.0	

n41 Ant 10 DSI4									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	22.73	22.84	22.82	24.0	0.0	
100	QPSK	135	69	22.70	22.79	22.66	24.0	0.0	
100	QPSK	270	0	21.67	21.69	21.62	23.0	1.0	

Reduced Power Mode DSI4									
n41 Ant 0 DSI4									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	20.85	20.88	20.78	22.0	0.0	
100	QPSK	135	69	20.87	20.71	20.68	22.0	0.0	
100	QPSK	270	0	19.87	19.88	19.86	21.0	1.0	

n5 Ant 1 DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				168800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	22.47	22.50	22.48	24.0	0.0	
20	QPSK	50	28	22.27	22.29	22.25	24.0	0.0	
20	QPSK	100	0	21.33	21.48	21.40	23.0	1.0	

n41 Ant 2 DSI4									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	22.46	22.60	22.46	24.0	0.0	
100	QPSK	135	69	22.48	22.49	22.36	24.0	0.0	
100	QPSK	270	0	21.40	21.52	21.35	23.0	1.0	

Part270 n78 Ant 4 DSI4									
BW (MHz)	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	22.41	22.41	22.41	24.0	0.0	
100	QPSK	135	69	22.24	22.24	22.24	24.0	0.0	
100	QPSK	270	0	21.43	21.43	21.43	23.0	1.0	

Part270 n78 Ant 5 DSI4									
BW (MHz)	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	22.84	22.84	22.84	24.0	0.0	
100	QPSK	135	69	22.57	22.57	22.57	24.0	0.0	
100	QPSK	270	0	21.58	21.58	21.58	23.0	1.0	

Part270 n78 Ant 7 DSI4									
BW (MHz)	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	18.04	18.04	18.04	19.5	0.0	
100	QPSK	135	69	17.89	17.89	17.89	19.5	0.0	
100	QPSK	270	0	17.96	17.96	17.96	19.5	0.0	

Part270 n78 Ant 8 DSI4									
BW (MHz)	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	21.59	21.59	21.59	23.3	0.0	
100	QPSK	135	69	21.50	21.50	21.50	23.3	0.0	
100	QPSK	270	0	21.34	21.34	21.34	23.0	0.0	

n41 Ant 1 DSI4									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	20.94	21.02	20.92	22.5	0.0	
100	QPSK	135	69	20.74	20.93	20.83	22.5	0.0	
100	QPSK	270	0	19.74	19.91	19.78	21.5	1.0	



n5 Ant 0 DSI6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				165000	167300	167600			
Frequency (MHz)				154	153.5	133			
20	QPSK	1	1	22.84	22.75	22.74	24.0	0.0	
20	QPSK	50	28	22.95	22.62	22.58	24.0	0.0	
20	QPSK	100	0	21.65	21.70	21.69	23.0	1.0	

n66 Ant 1 DSI6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	18.44	18.52	18.41	19.9	0.0	
40	QPSK	108	54	18.43	18.51	18.34	19.9	0.0	
40	QPSK	216	0	18.36	18.48	18.31	19.9	0.0	

n66 Ant 2 DSI6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				340000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	21.91	22.05	22.02	23.3	0.0	
40	QPSK	108	54	21.95	22.01	21.97	23.3	0.0	
40	QPSK	216	0	21.60	21.67	21.64	23.0	0.3	

Part270 n77 Ant 4 DSI6									
BW (MHz)	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	22.38	22.48	22.42	24.0	0.0	
100	QPSK	135	69	22.24	22.31	22.30	24.0	0.0	
100	QPSK	270	0	21.44	21.45	21.43	23.0	1.0	

Part270 n77 Ant 5 DSI6									
BW (MHz)	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	18.24	18.25	18.19	19.4	0.0	
100	QPSK	135	69	18.17	18.22	18.18	19.4	0.0	
100	QPSK	270	0	18.15	18.21	18.09	19.4	0.0	

Part270 n77 Ant 7 DSI3									
BW (MHz)	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	18.02	18.15	18.14	19.5	0.0	
100	QPSK	135	69	17.93	18.08	18.01	19.5	0.0	
100	QPSK	270	0	17.93	18.02	17.94	19.5	0.0	

Part270 n77 Ant 8 DSI3									
BW (MHz)	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	21.84	21.68	21.57	23.3	0.0	
100	QPSK	135	69	21.55	21.64	21.62	23.3	0.0	
100	QPSK	270	0	21.25	21.37	21.28	23.0	0.0	

n41 Ant 10 DSI6									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	22.73	22.84	22.82	24.0	0.0	
100	QPSK	135	69	22.70	22.79	22.66	24.0	0.0	
100	QPSK	270	0	21.67	21.69	21.62	23.0	1.0	

Reduced Power Mode DSI6									
n41 Ant 0 DSI6									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	20.22	20.25	20.21	21.3	0.0	
100	QPSK	135	69	20.20	20.22	20.17	21.3	0.0	
100	QPSK	270	0	19.77	19.88	19.87	21.0	0.3	

n5 Ant 1 DSI6									
BW (MHz)	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	QPSK	1	1	22.47	22.50	22.48	24.0	0.0	
20	QPSK	50	28	22.27	22.29	22.25	24.0	0.0	
20	QPSK	100	0	21.33	21.48	21.40	23.0	1.0	

n41 Ant 2 DSI6									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	19.36	19.47	19.46	20.8	0.0	
100	QPSK	135	69	19.33	19.46	19.38	20.8	0.0	
100	QPSK	270	0	19.31	19.33	19.30	20.8	0.0	

Part270 n78 Ant 4 DSI6									
BW (MHz)	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	22.41	22.41	22.41	24.0	0.0	
100	QPSK	135	69	22.24	22.24	22.24	24.0	0.0	
100	QPSK	270	0	21.43	21.43	21.43	23.0	1.0	

Part270 n78 Ant 5 DSI6									
BW (MHz)	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	18.24	18.24	18.24	19.4	0.0	
100	QPSK	135	69	18.14	18.14	18.14	19.4	0.0	
100	QPSK	270	0	18.04	18.04	18.04	19.4	0.0	

Part270 n78 Ant 7 DSI3									
BW (MHz)	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	18.04	18.04	18.04	19.5	0.0	
100	QPSK	135	69	17.89	17.89	17.89	19.5	0.0	
100	QPSK	270	0	17.96	17.96	17.96	19.5	0.0	

Part270 n78 Ant 8 DSI3									
BW (MHz)	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	21.59	21.59	21.59	23.3	0.0	
100	QPSK	135	69	21.50	21.50	21.50	23.3	0.0	
100	QPSK	270	0	21.34	21.34	21.34	23.0	0.0	

n41 Ant 1 DSI6									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	18.93	19.01	18.93	20.6	0.0	
100	QPSK	135	69	18.76	18.90	18.86	20.6	0.0	
100	QPSK	270	0	18.72	18.77	18.74	20.6	0.0	



n5 Ant 0 DSI7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				16500	16700	16700			
Frequency (MHz)				134	133.5	133			
20	QPSK	5	1	22.84	22.75	22.74	24.0	0.0	
20	QPSK	50	28	22.95	22.82	22.88	24.0	0.0	
20	QPSK	100	0	21.85	21.70	21.69	23.0	1.0	

n66 Ant 1 DSI7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	13.51	13.57	13.50	15.0	0.0	
40	QPSK	108	54	13.46	13.49	13.45	15.0	0.0	
40	QPSK	216	0	13.51	13.54	13.39	15.0	0.0	

n66 Ant 2 DSI7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				340000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	18.89	18.97	18.90	20.2	0.0	
40	QPSK	108	54	18.81	18.90	18.84	20.2	0.0	
40	QPSK	216	0	18.77	18.92	18.89	20.2	0.0	

Part270 n77 Ant 4 DSI7									
BW (MHz)	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	16.33	16.35	16.34	17.5	0.0	
100	QPSK	135	69	16.27	16.29	16.25	17.5	0.0	
100	QPSK	270	0	16.22	16.30	16.23	17.5	0.0	

Part270 n77 Ant 5 DSI7									
BW (MHz)	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	11.76	11.91	11.76	13.5	0.0	
100	QPSK	135	69	11.74	11.85	11.69	13.5	0.0	
100	QPSK	270	0	11.70	11.81	11.75	13.5	0.0	

Part270 n77 Ant 7 DSI7									
BW (MHz)	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	14.44	14.55	14.53	15.4	0.0	
100	QPSK	135	69	14.40	14.49	14.46	15.4	0.0	
100	QPSK	270	0	14.35	14.46	14.34	15.4	0.0	

Part270 n77 Ant 8 DSI7									
BW (MHz)	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	20.10	20.16	20.08	21.3	0.0	
100	QPSK	135	69	20.08	20.11	20.01	21.3	0.0	
100	QPSK	270	0	19.98	20.10	19.93	21.3	0.0	

n41 Ant 10 DSI7									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	19.88	19.91	19.90	21.3	0.0	
100	QPSK	135	69	19.85	19.86	19.75	21.3	0.0	
100	QPSK	270	0	19.79	19.82	19.80	21.3	0.0	

Reduced Power Mode DSI7									
n41 Ant 0 DSI7									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	18.25	18.35	18.27	19.6	0.0	
100	QPSK	135	69	18.24	18.30	18.20	19.6	0.0	
100	QPSK	270	0	18.16	18.31	18.17	19.6	0.0	

n5 Ant 1 DSI7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				168800	167300	167800			
Frequency (MHz)				634	636.5	639			
20	QPSK	1	1	21.72	21.85	21.82	23.0	0.0	
20	QPSK	50	28	21.81	21.81	21.76	23.0	0.0	
20	QPSK	100	0	21.85	21.73	21.72	23.0	0.0	

n41 Ant 2 DSI7									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	18.53	18.56	18.53	19.5	0.0	
100	QPSK	135	69	18.39	18.48	18.41	19.5	0.0	
100	QPSK	270	0	18.39	18.47	18.45	19.5	0.0	

Part270 n78 Ant 4 DSI7									
BW (MHz)	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			16.21	17.5	0.0	
100	QPSK	135	69			16.19	17.5	0.0	
100	QPSK	270	0			16.17	17.5	0.0	

Part270 n78 Ant 5 DSI7									
BW (MHz)	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		11.78		13.5	0.0	
100	QPSK	135	69		11.69		13.5	0.0	
100	QPSK	270	0		11.71		13.5	0.0	

Part270 n78 Ant 7 DSI7									
BW (MHz)	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		14.44		15.4	0.0	
100	QPSK	135	69		14.37		15.4	0.0	
100	QPSK	270	0		14.30		15.4	0.0	

Part270 n78 Ant 8 DSI7									
BW (MHz)	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		19.96		21.3	0.0	
100	QPSK	135	69		19.97		21.3	0.0	
100	QPSK	270	0		19.86		21.3	0.0	

n41 Ant 1 DSI7									
BW (MHz)	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)				2548.01	2592.99	2640			
100	QPSK	1	1	12.46	12.94	12.41	13.5	0.0	
100	QPSK	135	69	12.36	12.49	12.35	13.5	0.0	
100	QPSK	270	0	12.36	12.35	12.31	13.5	0.0	



Full&Default Power Mode Other PA

n66 Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.33	22.43	22.22	24.0	0.0
40	QPSK	108	54	22.10	22.32	22.16	24.0	0.0
40	QPSK	216	0	21.16	21.31	21.20	23.0	1.0

n66 Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.24	21.41	21.33	23.0	0.0
40	QPSK	108	54	21.25	21.33	21.15	23.0	0.0
40	QPSK	216	0	20.14	20.29	20.18	22.0	1.0



Reduced Power Mode for Other PA DSI2

n66 Ant 1 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	15.96	16.01	15.80	16.9	0.0
40	QPSK	108	54	15.89	15.98	15.96	16.9	0.0
40	QPSK	216	0	15.85	15.89	15.88	16.9	0.0

n66 Ant 2 DSI2								
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.24	21.41	21.33	23.0	0.0
40	QPSK	108	54	21.25	21.33	21.15	23.0	0.0
40	QPSK	216	0	20.14	20.29	20.18	22.0	1.0



Reduced Power Mode for Other PA DSI3

n66 Ant 1 DSI3								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	15.64	15.70	15.67	16.8	0.0
40	QPSK	108	54	15.53	15.65	15.59	16.8	0.0
40	QPSK	216	0	15.41	15.57	15.48	16.8	0.0

n66 Ant 2 DSI3								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.37	20.44	20.43	21.9	0.0
40	QPSK	108	54	20.30	20.38	20.21	21.9	0.0
40	QPSK	216	0	20.26	20.35	20.33	21.9	0.0





Reduced Power Mode for Other PA DSI6

n66 Ant 1 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.32	18.45	18.35	19.9	0.0
40	QPSK	108	54	18.32	18.43	18.37	19.9	0.0
40	QPSK	216	0	18.25	18.40	18.17	19.9	0.0

n66 Ant 2 DSI6								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.24	21.41	21.33	23.0	0.0
40	QPSK	108	54	21.25	21.33	21.15	23.0	0.0
40	QPSK	216	0	20.14	20.29	20.18	22.0	1.0



Reduced Power Mode for Other PA DSI7

n66 Ant 1 DSI7								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	13.48	13.56	13.37	15.0	0.0
40	QPSK	108	54	13.39	13.41	13.36	15.0	0.0
40	QPSK	216	0	13.33	13.44	13.21	15.0	0.0

n66 Ant 2 DSI7								
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. Freq.	Middle Ch. Freq.	High Ch. Freq.		
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.84	18.89	18.80	20.2	0.0
40	QPSK	108	54	18.76	18.81	18.76	20.2	0.0
40	QPSK	216	0	18.57	18.83	18.74	20.2	0.0



UL CA power

CA_7C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.53	24.00
21100	21298	QPSK	1	99	1	0	22.57	24.00
21350	21152	QPSK	1	0	1	99	22.55	24.00

CA_38C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.06	23.50
37901	38099	QPSK	1	99	1	0	22.14	23.50
38150	37952	QPSK	1	0	1	99	22.02	23.50

CA_38C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	25.03	26.50
37901	38099	QPSK	1	99	1	0	25.14	26.50
38150	37952	QPSK	1	0	1	99	25.04	26.50

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.92	22.50
21100	21298	QPSK	1	99	1	0	21.07	22.50
21350	21152	QPSK	1	0	1	99	20.97	22.50

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.40	23.00
37901	38099	QPSK	1	99	1	0	21.43	23.00
38150	37952	QPSK	1	0	1	99	21.39	23.00

CA_38C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	24.39	26.00
37901	38099	QPSK	1	99	1	0	22.35	26.00
38150	37952	QPSK	1	0	1	99	24.37	26.00

CA_7C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.69	24.00
21100	21298	QPSK	1	99	1	0	22.76	24.00
21350	21152	QPSK	1	0	1	99	22.70	24.00

CA_38C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.49	24.00
37901	38099	QPSK	1	99	1	0	22.52	24.00
38150	37952	QPSK	1	0	1	99	22.47	24.00

CA_38C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	25.52	27.00
37901	38099	QPSK	1	99	1	0	25.59	27.00
38150	37952	QPSK	1	0	1	99	25.55	27.00

CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.68	22.50
21100	21298	QPSK	1	99	1	0	20.83	22.50
21350	21152	QPSK	1	0	1	99	20.74	22.50

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.18	23.00
37901	38099	QPSK	1	99	1	0	21.25	23.00
38150	37952	QPSK	1	0	1	99	21.22	23.00

CA_38C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	24.24	26.00
37901	38099	QPSK	1	99	1	0	24.25	26.00
38150	37952	QPSK	1	0	1	99	24.15	26.00



CA_41C Ant 2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	22.13	23.50		
40185	40383	QPSK	1	99	1	0	22.07	23.50		
40620	40818	QPSK	1	99	1	0	22.22	23.50		
41055	41253	QPSK	1	99	1	0	22.07	23.50		
41490	41292	QPSK	1	0	1	99	22.12	23.50		

CA_41C HPUE Ant 2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	25.14	26.50		
40185	40383	QPSK	1	99	1	0	25.11	26.50		
40620	40818	QPSK	1	99	1	0	25.26	26.50		
41055	41253	QPSK	1	99	1	0	25.25	26.50		
41490	41292	QPSK	1	0	1	99	25.14	26.50		

CA_42C Ant 7										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
42190	42388	QPSK	1	99	1	0	22.54	24.00		
42590	42788	QPSK	1	99	1	0	22.59	24.00		
42990	42792	QPSK	1	0	1	99	22.42	24.00		

CA_41C Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	21.27	23.00		
40185	40383	QPSK	1	99	1	0	21.38	23.00		
40620	40818	QPSK	1	99	1	0	21.48	23.00		
41055	41253	QPSK	1	99	1	0	21.46	23.00		
41490	41292	QPSK	1	0	1	99	21.37	23.00		

CA_41C HPUE Ant 1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	24.22	26.00		
40185	40383	QPSK	1	99	1	0	24.36	26.00		
40620	40818	QPSK	1	99	1	0	24.44	26.00		
41055	41253	QPSK	1	99	1	0	24.42	26.00		
41490	41292	QPSK	1	0	1	99	24.35	26.00		

CA_41C Ant 10										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	22.43	24.00		
40185	40383	QPSK	1	99	1	0	22.52	24.00		
40620	40818	QPSK	1	99	1	0	22.54	24.00		
41055	41253	QPSK	1	99	1	0	22.45	24.00		
41490	41292	QPSK	1	0	1	99	22.50	24.00		

CA_41C HPUE Ant 10										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	25.51	27.00		
40185	40383	QPSK	1	99	1	0	25.61	27.00		
40620	40818	QPSK	1	99	1	0	25.65	27.00		
41055	41253	QPSK	1	99	1	0	25.56	27.00		
41490	41292	QPSK	1	0	1	99	25.49	27.00		

CA_41C Ant 0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	21.31	23.00		
40185	40383	QPSK	1	99	1	0	21.25	23.00		
40620	40818	QPSK	1	99	1	0	21.35	23.00		
41055	41253	QPSK	1	99	1	0	21.27	23.00		
41490	41292	QPSK	1	0	1	99	21.31	23.00		

CA_41C HPUE Ant 0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	24.31	26.00		
40185	40383	QPSK	1	99	1	0	24.35	26.00		
40620	40818	QPSK	1	99	1	0	24.38	26.00		
41055	41253	QPSK	1	99	1	0	24.26	26.00		
41490	41292	QPSK	1	0	1	99	24.27	26.00		



## Downlink CA Power

2CA DL

CA List	PCC										SCC					Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA	
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)	
CA_38C	Band 38	Ant 0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.23	21.38	
	Band 38	Ant 1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.47	21.58	
	Band 38	Ant 2	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.13	22.24	
CA_5A-38A	Band 38	Ant 10	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.49	22.68	
	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0		Band 38	20M	2599.8	38048	4x4MIMO	22.61	22.75	
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 38	20M	2599.8	38048	4x4MIMO	22.54	22.70	
CA_5A-41A	Band 38	Ant 0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.19	21.38	
	Band 38	Ant 1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.38	21.58	
	Band 38	Ant 2	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.18	22.24	
CA_5A-41A	Band 38	Ant 10	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.48	22.68	
	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.59	22.75	
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.62	22.70	
CA_5A-41A	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.31	21.52	
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.47	21.66	
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.25	22.41	
CA_7B	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.69	22.81	
	Band 7	Ant 0	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	20.70	20.86	
	Band 7	Ant 1	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	20.92	21.11	
CA_7A-20A	Band 7	Ant 2	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	22.61	22.67	
	Band 7	Ant 10	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	22.74	22.90	
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	20.73	20.94	
CA_7A-20A	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	20.96	21.15	
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.61	22.80	
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.79	22.95	
CA_7A-20A	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.64	22.80	
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	8865	876.5		20.69	20.94	
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	8865	876.5		21.06	21.15	
CA_7A-20A	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	8865	876.5		22.67	22.80	
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	8865	876.5		22.71	22.95	
	Band 26	Ant 0	15M	831.5	26865	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.63	22.82	
CA_26A-41A	Band 26	Ant 1	15M	831.5	26865	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.64	22.77	
	Band 26	Ant 0	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.67	22.75	
	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		21.38	21.45	
CA_26A-41A	Band 26	Ant 1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.65	22.72	
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		21.52	21.59	
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		22.17	22.32	
CA_2A-5A	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		22.63	22.76	
	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.43	22.55	
	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.57	22.66	
CA_2A-5A	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		20.99	21.07	
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.45	22.59	
	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.45	22.55	
CA_2A-7A	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	20.71	20.86	
	Band 2	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.01	21.07	
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.00	21.10	
CA_4A-4A	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.60	22.71	
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.78	22.90	
	Band 41	Ant 0	20M	2593	40620	QPSK	1	0		Band 42	20M	3500	42590	4x4MIMO	21.31	21.45	
CA_4A-4A	Band 41	Ant 1	20M	2593	40620	QPSK	1	0		Band 42	20M	3500	42590	4x4MIMO	21.45	21.59	
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0		Band 42	20M	3500	42590	4x4MIMO	22.25	22.32	
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0		Band 42	20M	3500	42590	4x4MIMO	22.67	22.76	
CA_4A-5A	Band 42	Ant 7	20M	3500	42590	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.69	22.75	
	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2375	2152.5	4x4MIMO	22.33	22.40	
	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2375	2152.5	4x4MIMO	21.15	21.24	
CA_4A-5A	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.32	22.40	
	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	22.53	22.66	
	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.14	21.24	
CA_4A-7A	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	22.50	22.59	
	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.29	22.40	
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	20.71	20.86	
CA_4A-7A	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	21.10	21.24	
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	21.05	21.10	
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.57	22.71	
CA_5A-7A	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.75	22.90	
	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.54	22.66	
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.58	22.71	
CA_5A-7A	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.44	22.59	
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		20.95	21.10	
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.81	22.90	
CA_7C	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		20.78	20.86	
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.57	22.71	
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	21.04	21.10	
CA_7C	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.75	22.90	
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	20.73	20.86	



3CA DL

3CA List	PCC									SCC1					SCC2				Power		
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
CA_26A-41C	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.65	22.82
	Band 26	Ant1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.67	22.77
	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	8865	876.5		21.42	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	8865	876.5		21.56	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	8865	876.5		22.38	22.41
CA_41A-42C	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	8865	876.5		22.60	22.81
	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	21.45	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	21.57	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.18	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.72	22.81
CA_41C-42A	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.69	22.80
	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	21.37	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	21.55	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.30	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.74	22.81
CA_42D	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.65	22.80
	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 42	20M	3539.6	42986	4x4MIMO	22.74	22.80



4CA DL

Configure	PCC								SCC1				SCC2				SCC3				Power					
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
CA_41C-42C	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4xMIMO	Band 41	20M	2612.8	40818	4xMIMO	Band 42	20M	3500	42590	4xMIMO	Band 42	20M	3519.8	42788	4xMIMO	21.28	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4xMIMO	Band 41	20M	2612.8	40818	4xMIMO	Band 42	20M	3500	42590	4xMIMO	Band 42	20M	3519.8	42788	4xMIMO	21.51	21.86
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4xMIMO	Band 41	20M	2612.8	40818	4xMIMO	Band 42	20M	3500	42590	4xMIMO	Band 42	20M	3519.8	42788	4xMIMO	22.29	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4xMIMO	Band 41	20M	2612.8	40818	4xMIMO	Band 42	20M	3500	42590	4xMIMO	Band 42	20M	3519.8	42788	4xMIMO	22.73	22.81
CA_42E	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4xMIMO	Band 42	20M	3519.8	42788	4xMIMO	Band 41	20M	2593	40620	4xMIMO	Band 41	20M	2612.8	40818	4xMIMO	22.71	22.80
	Band 42	Ant7	20M	3590	43490	QPSK	1	0	4xMIMO	Band 42	20M	3570.2	43282	4xMIMO	Band 42	20M	3550.4	43094	4xMIMO	Band 42	20M	3570.2	43292	4xMIMO	22.50	22.73







		Art 6 Full power			
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH00	2402	17.30	16.09	16.08
	CH39	2441	17.08	14.71	14.70
	CH78	2480	17.54	15.17	15.21
Take-up Limit			18	16.5	16.5

		Art 6 Head Extension			
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH00	2402	14.41	12.05	12.04
	CH39	2441	13.99	11.57	11.66
	CH78	2480	14.88	12.13	12.19
Take-up Limit			15	13.5	13.5

		Art 6 Full Power			
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH00	2402	12.48	9.99	10.10
	CH39	2441	11.97	9.72	9.69
	CH78	2480	12.51	10.16	10.22
Take-up Limit			13.5	11.5	11.5

		Art 9 Full power			
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH00	2402	19.76	15.37	15.05
	CH39	2441	17.47	14.78	14.71
	CH78	2480	17.11	14.12	14.63
Take-up Limit			18	16	16

		Art 9 Head Extension			
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH00	2402	14.88	12.43	12.26
	CH39	2441	14.46	11.69	11.73
	CH78	2480	14.09	11.12	11.63
Take-up Limit			15	13	13

		Art 9 Full Headset			
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH00	2402	12.67	10.40	10.18
	CH39	2441	12.61	9.70	9.59
	CH78	2480	12.10	9.15	9.61
Take-up Limit			13.5	11.5	11.5



Mode	Channel	Frequency (MHz)	Ant 5 Full power		Ant 4 Full power		Ant 5+4 Full power		Duty Cycle %	
			Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
WiFi 6E	802.11a 6Mbps	2	5935	6.93	8.50	8.10	10.00	10.54	12.00	98.97
		1	5955	6.65	8.50	8.01	9.50	10.33	12.00	
		57	6235	6.90	8.50	8.23	10.00	10.70	12.50	
		113	6515	7.16	9.00	8.95	10.50	11.24	13.00	
		173	6815	6.78	8.50	7.79	9.50	10.35	12.00	
	802.11ax-HE20 MCS0	233	7115	8.39	10.00	9.22	11.00	11.87	13.50	100
		2	5935	6.62	8.00	7.80	9.50	10.17	12.00	
		1	5955	6.42	8.00	7.90	9.50	10.28	12.00	
		57	6235	6.73	8.50	7.80	9.50	10.42	12.00	
		113	6515	7.10	9.00	8.71	10.50	11.05	13.00	
	802.11ax-HE40 MCS0	173	6815	6.85	8.50	7.93	9.50	10.47	12.00	100
		233	7115	8.41	10.00	9.35	11.00	11.93	13.50	
		3	5965	6.19	8.00	7.70	9.50	10.06	12.00	
		59	6245	6.58	8.00	7.59	9.50	10.19	12.00	
		107	6485	6.74	8.50	8.53	10.00	10.68	12.50	
	802.11ax-HE80 MCS0	171	6805	7.00	8.50	8.06	10.00	10.55	12.50	100
		227	7085	8.15	10.00	8.81	10.50	11.56	13.00	
		7	5985	7.10	9.00	8.24	10.00	10.81	12.50	
		71	6305	7.00	9.00	8.28	10.00	10.77	12.50	
		119	6545	7.90	9.50	9.38	11.00	11.62	13.50	
	802.11ax-HE160 MCS0	167	6785	7.43	9.00	8.22	10.00	10.88	12.50	100
		215	7025	9.30	11.00	9.56	11.00	12.42	14.00	
		15	6025	7.65	9.50	8.83	10.50	11.26	13.00	
		47	6185	7.56	9.50	8.78	10.50	11.26	13.00	
		111	6505	8.28	10.00	9.82	11.50	12.18	14.00	
		143	6665	8.04	10.00	9.04	11.00	11.53	13.50	
		207	6985	9.52	11.00	10.06	12.00	12.85	14.50	