

Full & Default Power Mode

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.80	31.83	31.84	33.80	22.90	22.83	22.84	24.50
GPRS 1 Tx slot	31.80	31.89	31.82	33.80	22.90	22.89	22.82	24.50
GPRS 2 Tx slots	31.36	31.31	31.12	33.00	25.36	25.31	25.12	27.00
GPRS 3 Tx slots	29.76	29.74	29.82	31.80	25.50	25.48	25.36	27.24
GPRS 4 Tx slots	28.52	28.59	28.54	30.80	25.52	25.59	25.54	27.50
EDGE 1 Tx slot	25.79	26.25	25.88	27.80	16.79	17.25	16.88	18.50
EDGE 2 Tx slots	24.23	24.39	24.28	26.50	16.23	16.39	16.28	19.50
EDGE 3 Tx slots	21.79	22.03	21.96	23.80	17.53	17.77	17.70	19.24
EDGE 4 Tx slots	20.49	20.56	20.47	22.00	17.49	17.56	17.47	19.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	681	910		512	681	910	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.93	28.84	28.69	30.80	19.93	19.84	19.69	21.50
GPRS 1 Tx slot	28.95	28.89	28.69	30.80	19.95	19.89	19.69	21.50
GPRS 2 Tx slots	28.34	28.23	28.02	30.00	22.34	22.23	22.02	24.00
GPRS 3 Tx slots	26.78	26.67	26.55	28.50	22.52	22.41	22.29	24.24
GPRS 4 Tx slots	25.50	25.61	25.54	27.80	22.50	22.61	22.54	24.50
EDGE 1 Tx slot	25.19	24.85	24.70	26.80	16.19	15.85	15.70	17.50
EDGE 2 Tx slots	23.99	23.78	23.54	25.80	17.99	17.78	17.54	19.50
EDGE 3 Tx slots	21.66	21.67	21.53	23.80	17.40	17.41	17.27	19.24
EDGE 4 Tx slots	20.27	20.28	20.10	22.00	17.27	17.28	17.10	19.00

Band	WCDMA 8_Ant 1			Tune-up Limit (dBm)	WCDMA 9_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)	
	9262	9490	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9602	9690	9698		1537	1639	1738		4357	4407	4456		
Frequency (MHz)	1852.4	1860	1857.6		1712.4	1722.4	1732.4		4357.4	4368.4	4378.4		
3GPP Rel 99	AMR 12.2Kbps	22.53	22.72	22.71	24.00	22.29	22.36	22.31	24.00	22.52	22.58	22.49	24.00
3GPP Rel 99	RMC 12.2Kbps	22.54	22.78	22.74	24.00	22.33	22.38	22.32	24.00	22.56	22.61	22.50	24.00
3GPP Rel 6	HSDPA Subtest-1	21.55	21.71	21.66	23.00	21.28	21.35	21.31	23.00	21.48	21.62	21.47	23.00
3GPP Rel 6	HSDPA Subtest-2	21.55	21.67	21.63	23.00	21.24	21.30	21.33	23.00	21.47	21.60	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	21.07	21.23	21.15	22.50	20.83	20.87	20.84	22.50	21.01	21.12	21.00	22.50
3GPP Rel 6	HSDPA Subtest-4	21.01	21.18	21.11	22.50	20.77	20.80	20.78	22.50	20.96	21.09	20.97	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.81	21.88	21.87	23.00	21.23	21.24	21.26	23.00	21.62	21.67	21.56	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.86	21.82	23.00	21.17	21.16	21.25	23.00	21.65	21.66	21.59	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.36	21.40	22.80	20.62	20.63	20.71	22.80	21.13	21.20	21.03	22.80
3GPP Rel 8	DC-HSDPA Subtest-4	21.30	21.35	21.30	22.50	20.67	20.64	20.70	22.50	21.09	21.16	21.14	22.50
3GPP Rel 6	HSUPA Subtest-1	19.52	19.70	19.71	21.00	19.25	19.32	19.26	21.00	19.45	19.44	19.42	21.00
3GPP Rel 6	HSUPA Subtest-2	19.52	19.67	19.63	21.00	19.28	19.30	19.25	21.00	19.43	19.45	19.46	21.00
3GPP Rel 6	HSUPA Subtest-3	20.54	20.71	20.71	22.00	20.31	20.34	20.28	22.00	20.45	20.46	20.47	22.00
3GPP Rel 6	HSUPA Subtest-4	19.06	19.21	19.20	21.00	19.00	19.05	19.03	21.00	19.04	19.03	19.01	21.00
3GPP Rel 6	HSUPA Subtest-5	20.50	20.70	20.60	22.00	20.20	20.30	20.30	22.00	20.40	20.60	20.40	22.00
3GPP Rel 7	HSPA+ (19QAM) Subtest-1	19.63	19.67	19.62	20.50	19.29	19.33	19.27	20.50	19.43	19.44	19.48	20.50

Band 2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20 QPSK	1	0		1860	1860	1900			
20 QPSK	1	49		22.40	22.41	22.43	24	0	
20 QPSK	1	99		22.18	22.36	22.54			
20 QPSK	50	0		21.49	21.54	21.59			
20 QPSK	50	24		21.46	21.48	21.50	23	1	
20 QPSK	50	50		21.37	21.40	21.40			
20 QPSK	100	0		21.37	21.42	21.40			
20 16QAM	1	0		21.47	21.52	21.53			
20 16QAM	1	49		21.61	21.61	21.68	23	1	
20 16QAM	1	99		21.71	21.75	21.44			
20 16QAM	50	0		20.35	20.44	20.45			
20 16QAM	50	24		20.47	20.46	20.46	22	2	
20 16QAM	50	50		20.36	20.31	20.35			
20 16QAM	100	0		20.41	20.38	20.37			
20 64QAM	1	0		20.60	20.37	20.42			
20 64QAM	1	49		20.19	20.73	20.56	22	2	
20 64QAM	1	99		20.32	20.69	20.33			
20 64QAM	50	0		19.40	19.45	19.45			
20 64QAM	50	24		19.38	19.42	19.45	21	3	
20 64QAM	50	50		19.39	19.30	19.35			
20 64QAM	100	0		19.33	19.36	19.35			
Channel									
Frequency (MHz)									
15 QPSK	1	0		1867.5	1860	1912.5			
15 QPSK	1	37		22.34	22.42	22.42	24	0	
15 QPSK	1	74		22.12	22.31	22.28			
15 QPSK	36	0		21.45	21.59	21.54			
15 QPSK	36	0		21.40	21.51	21.54	23	1	
15 QPSK	36	39		21.43	21.31	21.34			
15 QPSK	75	0		21.47	21.48	21.43			
15 16QAM	1	0		21.15	21.62	21.65			
15 16QAM	1	37		21.66	21.64	21.76	23	1	
15 16QAM	1	74		21.62	21.77	21.35			
15 16QAM	36	0		20.32	20.35	20.50			
15 16QAM	36	39		20.50	20.38	20.54	22	2	
15 16QAM	36	39		20.33	20.23	20.46			
15 16QAM	75	0		20.44	20.43	20.30			
15 64QAM	1	0		20.62	20.45	20.43			
15 64QAM	1	37		20.14	20.65	20.67	22	2	
15 64QAM	1	74		20.40	20.66	20.36			
15 64QAM	36	0		19.49	19.52	19.43			
15 64QAM	36	39		19.42	19.47	19.39	21	3	
15 64QAM	36	39		19.31	19.32	19.26			
15 64QAM	75	0		19.36	19.32	19.39			
Channel									
Frequency (MHz)									
10 QPSK	1	0		1865	1860	1910			
10 QPSK	1	25		22.51	22.45	22.36	24	0	
10 QPSK	1	49		22.19	22.27	22.31			
10 QPSK	1	74		21.56	21.49	21.53			
10 QPSK	25	12		21.45	21.36	21.55	23	1	
10 QPSK	25	25		21.43	21.47	21.50			
10 QPSK	50	0		21.46	21.43	21.43	23	1	
10 16QAM	1	0		21.53	22.02	21.91			
10 16QAM	1	25		21.55	21.75	21.70	23	1	
10 16QAM	1	49		21.73	21.75	21.39			
10 16QAM	25	0		20.44	20.37	20.55	22	2	
10 16QAM	25	12		20.51	20.54	20.38			
10 16QAM	25	25		20.34	20.28	20.33			
10 16QAM	50	0		20.44	20.28	20.31			
10 64QAM	1	0		20.63	20.38	20.48			
10 64QAM	1	25		20.22	20.72	20.67	22	2	
10 64QAM	1	49		20.26	20.66	20.43			
10 64QAM	25	0		19.31	19.38	19.39			
10 64QAM	25	12		19.28	19.46	19.55	21	3	
10 64QAM	25	25		19.49	19.39	19.27			
10 64QAM	50	0		19.40	19.26	19.28			
Channel									
Frequency (MHz)									
5 QPSK	1	0		1862.5	1860	1907.5			
5 QPSK	1	12		22.40	22.55	22.45	24	0	
5 QPSK	1	24		22.28	22.56	22.46			
5 QPSK	12	0		21.47	21.57	21.55			
5 QPSK	12	7		21.40	21.56	21.41	23	1	
5 QPSK	12	13		21.41	21.45	21.47			
5 16QAM	1	0		21.44	21.49	21.34			
5 16QAM	1	0		21.48	21.94	21.86	23	1	
5 16QAM	1	12		21.64	21.59	21.63			
5 16QAM	1	24		21.74	21.63	21.52	23	1	
5 16QAM	12	0		20.34	20.50	20.50			
5 16QAM	12	7		20.53	20.50	20.52	22	2	
5 16QAM	12	13		20.33	20.22	20.46			
5 16QAM	25	0		20.37	20.44	20.38			
5 64QAM	1	0		20.69	20.28	20.46			
5 64QAM	1	12		20.13	20.72	20.76	22	2	
5 64QAM	1	24		20.38	20.72	20.27			
5 64QAM	12	0		19.42	19.48	19.46			
5 64QAM	12	7		19.36	19.48	19.45	21	3	
5 64QAM	12	13		19.29	19.34	19.36			
5 64QAM	25	0		19.23	19.46	19.41			
Channel									
Frequency (MHz)									
3 QPSK	1	0		1861.5	1860	1908.5			
3 QPSK	1	8		22.42	22.31	22.49	24	0	
3 QPSK	1	16		22.22	22.32	22.31			
3 QPSK	8	0		21.47	21.51	21.51			
3 QPSK	8	4		21.47	21.54	21.51	23	1	
3 QPSK	8	7		21.52	21.27	21.39			
3 QPSK	15	0		21.28	21.52	21.31			
3 16QAM	1	0		21.50	21.83	21.91	23	1	
3 16QAM	1	8		21.61	21.76	21.75			
3 16QAM	1	16		21.81	21.66	21.36	23	1	
3 16QAM	8	0		20.40	20.37	20.44			
3 16QAM	8	4		20.55	20.49	20.42	22	2	
3 16QAM	8	7		20.51	20.35	20.46			
3 16QAM	15	0		20.45	20.46	20.27			
3 64QAM	1	0		20.63	20.32	20.37			
3 64QAM	1	8		20.18	20.74	20.73	22	2	
3 64QAM	1	16		20.27	20.75	20.25			
3 64QAM	8	0		19.48	19.53	19.52			
3 64QAM	8	4		19.40	19.34	19.39	21	3	
3 64QAM	8	7		19.38	19.21	19.29			
3 64QAM	15	0		19.40	19.32	19.35			
Channel									
Frequency (MHz)									
1.4 QPSK	1	0		1860.7	1860	1919.3			
1.4 QPSK	1	0		22.50	22.44	22.43	24	0	
1.4 QPSK	1	3		22.11	22.15	22.44			
1.4 QPSK	1	5		22.42	22.54	22.47			
1.4 QPSK	3	0		22.44	22.53	22.44			
1.4 QPSK	3	1		22.43	22.44	22.48	24	0	
1.4 QPSK	3	1		22.43	22.50	22.48			
1.4 QPSK	6	0		21.41	21.49	21.49	23	1	
1.4 16QAM	1	0		21.60	21.67	21.39			
1.4 16QAM	1	3		21.90	21.77	21.98			
1.4 16QAM	1	5		21.34	21.99	21.90	23	1	
1.4 16QAM	3	0		21.45	21.51	21.53			
1.4 16QAM	3	1		21.31	21.33	21.37	23	1	
1.4 16QAM	3	1		21.31	21.33	21.37			
1.4 16QAM	6	0		20.37	20.61	20.47	22	2	
1.4 64QAM	1	0		20.22	20.22	20.74			
1.4 64QAM	1	3		20.56	20.52	20.49			
1.4 64QAM	1	5		20.60	20.72	20.75	22	2	
1.4 64QAM	3	0		20.54	20.65	20.67			
1.4 64QAM	3	1		20.27	20.20	20.63			
1.4 64QAM	3	1		20.44	20.25	20.58	22	2	
1.4 64QAM	6	0		19.33	19.47	19.33	21	3	

Band 2(Other PA)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20 QPSK	1	0		18700	18600	19100			
20 QPSK	1	49		22.59	22.58	23.00	24	0	
20 QPSK	1	99		22.75	22.97	22.80			
20 QPSK	50	0		22.01	22.11	22.05			
20 QPSK	50	24		22.03	22.01	21.98	23	1	
20 QPSK	50	50		21.92	22.01	21.98			
20 QPSK	100	0		21.93	22.02	21.96			
20 16QAM	1	0		22.04	22.48	22.50			
20 16QAM	1	49		22.15	22.27	22.25	23	1	
20 16QAM	1	99		22.31	22.37	22.25			
20 16QAM	50	0		20.90	21.02	20.99			
20 16QAM	50	24		21.06	21.04	21.05	22	2	

Band 4_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20 QPSK	1	0		22.37	22.42	22.27			
20 QPSK	1	49		22.11	22.25	22.05	24	0	
20 QPSK	1	99		22.19	22.28	22.17			
20 QPSK	50	0		21.47	21.48	21.42			
20 QPSK	50	24		21.46	21.46	21.40	23	1	
20 QPSK	50	50		21.41	21.40	21.32			
20 QPSK	100	0		21.38	21.43	21.40			
20 16QAM	1	0		21.85	21.53	21.27			
20 16QAM	1	49		21.84	21.41	21.45	23	1	
20 16QAM	1	99		21.29	21.45	21.42			
20 16QAM	50	0		20.37	20.37	20.39			
20 16QAM	50	24		20.41	20.40	20.34	22	2	
20 16QAM	50	50		20.38	20.43	20.31			
20 16QAM	100	0		20.31	20.37	20.32			
20 64QAM	1	0		20.44	20.36	20.57			
20 64QAM	1	49		20.59	20.56	20.57	22	2	
20 64QAM	1	99		20.49	20.20	20.31			
20 64QAM	50	0		19.39	19.38	19.36			
20 64QAM	50	24		19.39	19.35	19.33	21	3	
20 64QAM	50	50		19.37	19.33	19.30			
20 64QAM	100	0		19.34	19.40	19.26			
Channel									
Frequency (MHz)									
15 QPSK	1	0		22.34	22.44	22.23			
15 QPSK	1	37		22.30	22.48	22.32	24	0	
15 QPSK	1	74		22.15	22.36	22.21			
15 QPSK	36	0		21.37	21.48	21.49			
15 QPSK	36	20		21.46	21.50	21.33	23	1	
15 QPSK	36	39		21.32	21.49	21.27			
15 QPSK	75	0		21.30	21.37	21.44			
15 16QAM	1	0		21.91	21.62	21.17			
15 16QAM	1	37		21.74	21.45	21.48	23	1	
15 16QAM	1	74		21.30	21.55	21.50			
15 16QAM	36	0		20.42	20.46	20.51			
15 16QAM	36	20		20.47	20.50	20.35	22	2	
15 16QAM	36	39		20.46	20.39	20.29			
15 16QAM	75	0		20.35	20.32	20.29			
15 64QAM	1	0		20.44	20.37	20.50			
15 64QAM	1	37		20.03	20.52	20.55	22	2	
15 64QAM	1	74		20.50	20.27	20.24			
15 64QAM	36	0		19.41	19.30	19.43			
15 64QAM	36	20		19.46	19.39	19.35	21	3	
15 64QAM	36	39		19.47	19.26	19.34			
15 64QAM	75	0		19.40	19.36	19.33			
Channel									
Frequency (MHz)									
10 QPSK	1	0		22.36	22.35	22.37			
10 QPSK	1	25		22.35	22.53	22.29	24	0	
10 QPSK	1	49		22.21	22.19	22.25			
10 QPSK	1	74		21.55	21.47	21.33			
10 QPSK	25	12		21.53	21.41	21.45	23	1	
10 QPSK	25	25		21.42	21.36	21.47			
10 QPSK	50	0		21.38	21.35	21.33	23	1	
10 QPSK	50	24		21.79	21.62	21.19			
10 16QAM	1	25		21.81	21.34	21.41	23	1	
10 16QAM	1	49		21.35	21.37	21.42			
10 16QAM	25	0		21.41	20.35	20.46	22	2	
10 16QAM	25	12		20.42	20.32	20.35			
10 16QAM	25	25		20.35	20.38	20.32			
10 16QAM	50	0		20.27	20.35	20.24			
10 64QAM	1	25		20.52	20.35	20.65			
10 64QAM	1	25		20.00	20.65	20.59	22	2	
10 64QAM	1	49		20.51	20.14	20.30			
10 64QAM	25	0		19.38	19.41	19.29			
10 64QAM	25	12		19.47	19.37	19.40	21	3	
10 64QAM	25	25		19.46	19.25	19.32			
10 64QAM	50	0		19.46	19.25	19.32			
Channel									
Frequency (MHz)									
5 QPSK	1	0		22.36	22.43	22.18			
5 QPSK	1	12		22.31	22.36	22.32	24	0	
5 QPSK	1	24		22.10	22.22	22.05			
5 QPSK	12	0		21.43	21.56	21.44			
5 QPSK	12	7		21.53	21.57	21.51	23	1	
5 QPSK	12	13		21.46	21.50	21.29			
5 QPSK	12	14		21.34	21.35	21.30			
5 16QAM	1	0		21.88	21.47	21.32			
5 16QAM	1	12		21.85	21.46	21.37	23	1	
5 16QAM	1	24		21.28	21.45	21.34			
5 16QAM	12	0		20.34	20.46	20.46			
5 16QAM	12	7		20.49	20.47	20.42	22	2	
5 16QAM	12	13		20.41	20.36	20.23			
5 16QAM	12	14		20.35	20.47	20.37			
5 64QAM	1	0		20.42	20.44	20.54			
5 64QAM	1	12		20.02	20.53	20.25	22	2	
5 64QAM	1	24		20.25	20.25	20.60			
5 64QAM	12	0		19.33	19.37	19.46			
5 64QAM	12	7		19.33	19.34	19.43	21	3	
5 64QAM	12	13		19.39	19.23	19.32			
5 64QAM	25	0		19.33	19.32	19.32			
Channel									
Frequency (MHz)									
3 QPSK	1	0		22.47	22.52	22.34			
3 QPSK	1	8		22.29	22.44	22.38	24	0	
3 QPSK	1	14		22.28	22.37	22.11			
3 QPSK	8	0		21.38	21.43	21.44			
3 QPSK	8	4		21.49	21.50	21.46	23	1	
3 QPSK	8	7		21.45	21.41	21.37			
3 QPSK	15	0		21.36	21.51	21.47			
3 16QAM	1	0		21.94	21.62	21.22			
3 16QAM	1	8		21.74	21.46	21.35	23	1	
3 16QAM	1	14		21.22	21.38	21.52			
3 16QAM	8	0		20.33	20.38	20.51			
3 16QAM	8	4		20.50	20.49	20.38	22	2	
3 16QAM	8	7		20.45	20.42	20.35			
3 16QAM	15	0		20.36	20.36	20.22			
3 64QAM	1	0		20.37	20.40	20.58			
3 64QAM	1	8		20.15	20.64	20.61	22	2	
3 64QAM	1	14		20.53	20.25	20.40			
3 64QAM	8	0		19.34	19.34	19.32			
3 64QAM	8	4		19.38	19.45	19.24	21	3	
3 64QAM	8	7		19.38	19.29	19.26			
3 64QAM	15	0		19.25	19.33	19.19			
Channel									
Frequency (MHz)									
1.4 QPSK	1	0		22.41	22.52	22.29			
1.4 QPSK	1	3		22.25	22.54	22.46	24	0	
1.4 QPSK	1	5		22.44	22.43	22.36			
1.4 QPSK	3	0		22.33	22.40	22.42			
1.4 QPSK	3	1		22.33	22.49	22.35			
1.4 QPSK	3	14		22.44	22.44	22.35			
1.4 QPSK	6	0		21.47	21.49	21.41	23	1	
1.4 16QAM	1	0		22.00	21.49	21.52			
1.4 16QAM	1	3		21.60	21.51	21.94			
1.4 16QAM	1	5		21.86	21.93	21.84	23	1	
1.4 16QAM	3	0		21.40	21.41	21.26			
1.4 16QAM	3	1		21.27	21.43	21.42			
1.4 16QAM	3	14		20.42	20.61	20.40	22	2	
1.4 64QAM	1	0		20.40	20.44	20.60			
1.4 64QAM	1	3		20.49	20.35	20.56			
1.4 64QAM	1	5		20.50	20.59	20.51	22	2	
1.4 64QAM	3	0		20.41	20.57	20.48			
1.4 64QAM	3	1		20.46	20.41	20.24			
1.4 64QAM	3	14		20.39	20.43	20.60			
1.4 64QAM	6	0		19.23	19.33	19.31	21	3	

Band 4(Other PA)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20 QPSK	1	0		22.96	23.08	22.97			
20 QPSK	1	49		23.11	23.15	23.05	24	0	
20 QPSK	1	99		22.99	23.13	22.96			
20 QPSK	50	0		21.97	22.15	21.97			
20 QPSK	50	24		21.96	21.87	21.84	23	1	
20 QPSK	50	50		21.82	22.12	21.91			
20 QPSK	100	0		21.86	22.04	21.96			
20 16QAM	1	0		21.80	22.10	21.96			
20 16QAM	1	49		21.84	22.01	21.85	23	1	
20 16QAM	1	99		21.83	22.01	21.84			
20 16QAM	50	0		20.88	21.14	20.89			
20 16QAM	50	24		20.83	21.10	20.84	22	2	
20 16QAM	50	50		20.84	21.14	20.85			
20 16QAM	100	0		20.83	21.02	20.84			
20 64QAM	1	0							

Band 5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20450	20525	20600			
10	QPSK	1	0	22.50	22.52	22.47	24	0	
10	QPSK	1	25	22.54	22.68	22.51			
10	QPSK	1	49	22.50	22.48	22.32			
10	QPSK	25	0	21.55	21.60	21.51			
10	QPSK	25	12	21.52	21.56	21.47	23	1	
10	QPSK	25	25	21.46	21.51	21.49			
10	QPSK	50	0	21.56	21.59	21.53			
10	16QAM	1	0	21.75	21.59	21.39			
10	16QAM	1	25	20.81	20.72	20.74	23	1	
10	16QAM	1	49	21.97	21.83	21.30			
10	16QAM	25	0	20.54	20.55	20.54			
10	16QAM	25	12	20.52	20.56	20.42			
10	16QAM	25	25	20.41	20.54	20.57	22	2	
10	16QAM	50	0	20.55	20.58	20.46			
10	64QAM	1	0	20.47	20.87	20.28			
10	64QAM	1	25	20.81	20.78	20.74			
10	64QAM	1	49	20.45	20.85	20.36	22	2	
10	64QAM	25	0	19.57	19.46	19.47			
10	64QAM	25	12	19.43	19.58	19.36			
10	64QAM	25	25	19.49	19.53	19.41			
10	64QAM	50	0	19.49	19.51	19.51			
Channel									
Frequency (MHz)				820.5 <th>836.5<th>848.5<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	836.5 <th>848.5<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	848.5 <th>Turn-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Turn-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.55	22.47	22.45	24	0	
5	QPSK	1	12	22.61	22.64	22.53			
5	QPSK	1	24	21.61	21.54	21.58			
5	QPSK	12	0	21.61	21.54	21.58			
5	QPSK	12	7	21.51	21.57	21.51	23	1	
5	QPSK	12	13	21.48	21.57	21.54			
5	QPSK	25	0	21.63	21.65	21.47			
5	16QAM	1	0	21.67	21.66	21.49			
5	16QAM	1	12	21.84	22.09	21.27	23	1	
5	16QAM	1	24	21.87	21.93	21.33			
5	16QAM	12	0	20.55	20.55	20.46			
5	16QAM	12	7	20.59	20.61	20.52			
5	16QAM	12	13	20.33	20.61	20.54	22	2	
5	16QAM	25	0	20.57	20.52	20.48			
5	64QAM	1	0	20.38	20.54	20.23			
5	64QAM	1	12	20.72	20.69	20.73			
5	64QAM	1	24	20.44	20.59	20.46	22	2	
5	64QAM	12	0	19.67	19.37	19.40			
5	64QAM	12	7	19.49	19.53	19.48			
5	64QAM	12	13	19.46	19.53	19.31			
5	64QAM	25	0	19.51	19.43	19.56	21	3	
5	64QAM	25	12	19.43	19.58	19.36			
5	64QAM	25	25	19.49	19.53	19.41			
5	64QAM	50	0	19.49	19.51	19.51			
Channel									
Frequency (MHz)				820.5 <th>836.5<th>847.5<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	836.5 <th>847.5<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	847.5 <th>Turn-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Turn-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	22.48	22.51	22.36	24	0	
3	QPSK	1	8	22.57	22.48	22.41			
3	QPSK	1	14	22.51	22.52	22.31			
3	QPSK	8	0	21.47	21.62	21.54			
3	QPSK	8	4	21.60	21.65	21.45	23	1	
3	QPSK	8	7	21.36	21.53	21.44			
3	QPSK	15	0	21.60	21.56	21.50			
3	16QAM	1	0	21.85	21.53	21.43			
3	16QAM	1	8	21.84	22.13	21.29	23	1	
3	16QAM	1	14	21.91	21.89	21.40			
3	16QAM	8	0	20.59	20.49	20.57			
3	16QAM	8	4	20.50	20.68	20.44			
3	16QAM	8	7	20.38	20.44	20.62	22	2	
3	16QAM	15	0	20.49	20.50	20.47			
3	16QAM	12	0	20.48	20.80	20.38			
3	64QAM	1	8	20.81	20.85	20.72			
3	64QAM	1	14	20.50	20.80	20.46	22	2	
3	64QAM	8	0	19.52	19.53	19.37			
3	64QAM	8	4	19.48	19.60	19.32			
3	64QAM	8	7	19.47	19.59	19.31			
3	64QAM	15	0	19.44	19.44	19.44	21	3	
3	64QAM	15	0	19.44	19.44	19.44			
3	64QAM	15	0	19.44	19.44	19.44			
3	64QAM	15	0	19.44	19.44	19.44			
Channel									
Frequency (MHz)				20417 <th>20525<th>20643<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	20525 <th>20643<th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	20643 <th>Turn-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	Turn-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	22.49	22.37	22.28	24	0	
1.4	QPSK	1	3	22.62	22.42	22.22			
1.4	QPSK	1	6	22.46	22.58	22.34			
1.4	QPSK	3	0	22.57	22.45	22.23			
1.4	QPSK	3	1	22.63	22.55	22.34	23	1	
1.4	QPSK	3	3	22.63	22.54	22.43			
1.4	QPSK	6	0	21.57	21.55	21.34			
1.4	16QAM	1	0	21.92	21.66	21.47			
1.4	16QAM	1	3	22.17	21.64	21.39	23	1	
1.4	16QAM	1	6	21.81	21.66	21.50			
1.4	16QAM	3	0	21.84	21.55	21.40			
1.4	16QAM	3	1	21.64	21.40	21.20			
1.4	16QAM	3	3	21.86	21.50	21.44	22	2	
1.4	16QAM	6	0	20.63	20.74	20.41			
1.4	64QAM	1	0	20.62	20.31	20.43			
1.4	64QAM	1	3	20.72	20.74	20.56			
1.4	64QAM	1	6	20.72	20.28	20.26	22	2	
1.4	64QAM	3	0	20.80	20.53	20.38			
1.4	64QAM	3	1	20.62	20.51	20.54			
1.4	64QAM	6	0	20.60	20.71	20.61			
1.4	64QAM	6	0	19.51	19.42	19.27	21	3	

Band 5_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				20460	20500	20540						
10	QPSK	1	0	22.14	22.08	22.14	24	0				
10	QPSK	1	25	22.24	22.19	22.20						
10	QPSK	1	49	22.24	22.16	22.17						
10	QPSK	25	0	21.27	21.30	21.35						
10	QPSK	25	12	21.22	21.23	21.21	23	1				
10	QPSK	25	25	21.20	21.24	21.25						
10	QPSK	50	0	21.27	21.30	21.28						
10	16QAM	1	0	21.23	21.79	21.39						
10	16QAM	1	25	21.35	21.81	21.10	23	1				
10	16QAM	1	49	21.48	21.76	21.33						
10	16QAM	25	0	20.24	20.22	20.21						
10	16QAM	25	12	20.25	20.17	20.14						
10	16QAM	25	25	20.13	20.24	20.15	22	2				
10	16QAM	50	0	20.14	20.24	20.23						
10	64QAM	1	0	20.15	20.24	20.27						
10	64QAM	1	25	20.49	20.51	20.48						
10	64QAM	1	49	20.41	20.44	20.39	21	3				
10	64QAM	25	0	19.15	19.24	19.32						
10	64QAM	25	12	19.16	19.20	19.15						
10	64QAM	25	25	19.26	19.14	19.22						
10	64QAM	50	0	19.17	19.22	19.17						
Channel												
Frequency (MHz)				826.5	836.5	846.5	Turn-up limit (dBm)	MPR (dB)				
5	QPSK	1	0	22.19	22.06	22.08	24	0				
5	QPSK	1	12	22.20	22.24	22.19						
5	QPSK	12	0	21.24	21.29	21.33						
5	QPSK	12	0	21.29	21.29	21.36						
5	QPSK	12	7	21.24	21.19	21.18	23	1				
5	QPSK	12	13	21.27	21.20	21.24						
5	QPSK	25	0	21.26	21.37	21.37	23	1				
5	16QAM	1	0	21.19	21.88	21.39						
5	16QAM	1	12	21.48	21.80	21.16						
5	16QAM	1	24	21.40	21.73	21.29						
5	16QAM	12	0	20.27	20.29	20.21	22	2				
5	16QAM	12	7	20.34	20.31	20.30						
5	16QAM	12	13	20.21	20.32	20.21						
5	16QAM	25	0	20.24	20.29	20.27						
5	16QAM	25	0	20.24	20.29	20.27	22	2				
5	64QAM	1	12	20.42	20.43	20.45						
5	64QAM	1	24	20.47	20.51	20.29						
5	64QAM	12	0	19.11	19.25	19.31						
5	64QAM	12	7	19.09	19.15	19.17	21	3				
5	64QAM	12	13	19.26	19.10	19.20						
5	64QAM	25	0	19.16	19.24	19.24						
5	64QAM	25	0	20.41	20.55	20.53						
Channel												
Frequency (MHz)				826.5	836.5	847.5	Turn-up limit (dBm)	MPR (dB)				
3	QPSK	1	0	22.19	22.07	22.23	24	0				
3	QPSK	1	8	22.17	22.06	22.29						
3	QPSK	1	24	22.14	22.26	22.30						
3	QPSK	8	0	21.17	21.23	21.20						
3	QPSK	8	4	21.29	21.21	21.16	23	1				
3	QPSK	8	7	21.11	21.15	21.26						
3	QPSK	15	0	21.31	21.25	21.30						
3	QPSK	8	0	21.14	21.72	21.36						
3	16QAM	1	8	21.42	21.77	21.15	23	1				
3	16QAM	1	14	21.45	21.65	21.20						
3	16QAM	8	0	20.18	20.15	20.26						
3	16QAM	8	4	20.24	20.20	20.14						
3	16QAM	8	7	20.13	20.15	20.27	22	2				
3	16QAM	15	0	20.11	20.32	20.23						
3	16QAM	1	0	20.17	20.30	20.42						
3	64QAM	1	8	20.43	20.59	20.46						
3	64QAM	8	14	20.37	20.41	20.41	22	2				
3	64QAM	8	0	19.18	19.33	19.41						
3	64QAM	8	0	19.08	19.28	19.13						
3	64QAM	8	7	19.32	19.08	19.28						
3	64QAM	5	0	19.14	19.29	19.30	21	3				
Channel												
Frequency (MHz)				20407 <th>20525<th>20643</th><th>Turn-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	20525 <th>20643</th> <th>Turn-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	20643				Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	22.19	22.08	22.11	24	0				
1.4	QPSK	1	3	22.20	22.12	22.08						
1.4	QPSK	1.1	0	22.11	22.26	22.22						
1.4	QPSK	3	0	22.26	22.23	22.24						
1.4	QPSK	3	1	22.17	22.20	22.23	23	1				
1.4	QPSK	1.4	0	21.24	21.29	21.30						
1.4	QPSK	6	0	21.26	21.18	21.21						
1.4	16QAM	1	0	21.43	21.56	21.60						
1.4	16QAM	1	3	21.40	21.71	21.18	23	1				
1.4	16QAM	1	2	21.82	21.76	21.64						
1.4	16QAM	3	0	21.22	21.08	21.27						
1.4	16QAM	3	1	21.10	21.15	21.20						
1.4	16QAM	3	3	21.26	21.27	21.13	22	2				
1.4	16QAM	3	20.27	20.39	20.39							
1.4	64QAM	1	0	20.48	20.38	20.50						
1.4	64QAM	1	0	20.47	20.52	20.15						
1.4	64QAM	3	0	20.21	20.22	20.26	22	2				
1.4	64QAM	3	0	20.40	20.29	20.37						
1.4	64QAM	3	1	20.38	20.01	20.45						
1.4	64QAM	3	3	20.52	20.19	20.31						
1.4	64QAM	3	19.26	19.17	19.15							

Band 12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.13	22.16	22.21	24	0	
10	QPSK	1	25	22.12	22.15	22.20			
10	QPSK	1	49	22.17	22.24	22.23			
10	QPSK	25	0	21.28	21.27	21.28	23	1	
10	QPSK	25	12	21.26	21.19	21.21			
10	QPSK	25	25	21.24	21.22	21.15			
10	16QAM	1	0	21.22	21.24	21.16	23	1	
10	16QAM	1	25	21.40	21.01	21.14			
10	16QAM	1	49	21.32	21.43	21.56			
10	16QAM	1	24	21.41	21.56	21.77	22	2	
10	16QAM	25	0	20.19	20.19	20.17			
10	16QAM	25	12	20.28	20.20	20.28			
10	16QAM	25	25	20.38	20.21	20.14	22	2	
10	16QAM	50	0	20.20	20.19	20.14			
10	64QAM	1	0	20.22	20.39	20.49			
10	64QAM	1	25	20.32	20.19	20.26	21	3	
10	64QAM	1	49	20.47	20.43	20.40			
10	64QAM	25	0	19.16	19.13	19.18			
10	64QAM	25	12	19.13	19.16	19.29	21	3	
10	64QAM	25	25	19.28	19.21	19.26			
10	64QAM	50	0	19.11	19.16	19.14			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.17	22.17	22.25	24	0	
5	QPSK	1	12	22.22	22.10	22.19			
5	QPSK	1	24	22.12	22.19	22.28			
5	QPSK	12	0	21.32	21.36	21.40	23	1	
5	QPSK	12	7	21.20	21.29	21.11			
5	QPSK	12	13	21.19	21.19	21.25			
5	QPSK	25	0	21.23	21.18	21.11	23	1	
5	16QAM	1	0	21.34	21.03	21.21			
5	16QAM	1	12	21.46	21.46	21.63			
5	16QAM	1	24	21.44	21.67	21.78	22	2	
5	16QAM	12	0	20.26	20.12	20.18			
5	16QAM	12	7	20.18	20.33	20.48			
5	16QAM	12	13	20.30	20.25	20.08	22	2	
5	16QAM	25	0	20.21	20.18	20.08			
5	16QAM	25	12	20.31	20.29	20.32			
5	64QAM	1	0	20.38	20.42	20.44	22	2	
5	64QAM	1	12	20.38	20.39	20.32			
5	64QAM	12	0	19.07	19.11	19.15			
5	64QAM	12	7	19.16	19.18	19.22	21	3	
5	64QAM	12	13	19.35	19.24	19.34			
5	64QAM	25	0	19.06	19.19	19.20			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.13	22.26	22.25	24	0	
3	QPSK	1	8	22.21	22.24	22.16			
3	QPSK	1	14	22.11	22.28	22.18			
3	QPSK	8	0	21.25	21.33	21.27	23	1	
3	QPSK	8	4	21.16	21.24	21.13			
3	QPSK	8	7	21.30	21.24	21.25			
3	QPSK	15	0	21.24	21.33	21.21	23	1	
3	16QAM	1	0	21.37	21.09	21.09			
3	16QAM	1	8	21.65	21.65	21.50			
3	16QAM	1	14	21.44	21.67	21.84	23	1	
3	16QAM	8	0	20.11	20.18	20.26			
3	16QAM	8	4	20.31	20.16	20.19			
3	16QAM	8	7	20.34	20.11	20.21	22	2	
3	16QAM	15	0	20.21	20.27	20.07			
3	64QAM	1	0	20.24	20.42	20.48			
3	64QAM	1	8	20.35	20.20	20.36	22	2	
3	64QAM	1	14	20.38	20.39	20.30			
3	64QAM	8	0	19.14	19.10	19.27			
3	64QAM	8	4	19.22	19.23	19.29	21	3	
3	64QAM	8	7	19.22	19.18	19.31			
3	64QAM	15	0	19.09	19.11	19.06			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.27	22.05	22.15	24	0	
1.4	QPSK	1	3	22.13	22.27	22.08			
1.4	QPSK	1	6	22.19	22.10	22.25			
1.4	QPSK	3	0	22.17	22.23	22.18	23	1	
1.4	QPSK	3	1	22.27	22.27	22.29			
1.4	QPSK	3	3	22.16	22.20	22.25			
1.4	QPSK	6	0	21.29	21.17	21.24	23	1	
1.4	16QAM	1	0	21.83	21.70	21.44			
1.4	16QAM	1	3	21.20	21.09	21.87			
1.4	16QAM	1	6	21.67	21.21	21.76	23	1	
1.4	16QAM	3	0	21.03	21.09	21.30			
1.4	16QAM	3	1	21.16	21.18	21.08			
1.4	16QAM	3	3	21.29	21.04	21.11	22	2	
1.4	16QAM	6	0	20.24	20.21	20.17			
1.4	64QAM	1	0	20.62	20.53	20.50			
1.4	64QAM	1	3	20.65	20.36	20.31	22	2	
1.4	64QAM	1	6	20.19	20.42	20.19			
1.4	64QAM	3	0	20.38	20.32	20.18			
1.4	64QAM	3	1	20.18	20.37	20.34	21	3	
1.4	64QAM	3	3	20.32	20.26	20.30			
1.4	64QAM	6	0	19.17	19.12	19.17			

Band 13_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.39	782		24	0	
10	QPSK	1	25	22.53					
10	QPSK	1	49	22.51					
10	QPSK	25	0	21.55			23	1	
10	QPSK	25	12	21.46					
10	QPSK	25	25	21.50					
10	QPSK	50	0	21.54			23	1	
10	16QAM	1	0	21.32					
10	16QAM	1	25	22.05					
10	16QAM	1	49	21.65			22	2	
10	16QAM	25	0	20.47					
10	16QAM	25	12	20.58					
10	16QAM	25	25	20.53			22	2	
10	16QAM	50	0	20.51					
10	64QAM	1	0	20.57					
10	64QAM	1	25	20.55			22	2	
10	64QAM	1	49	20.54					
10	64QAM	25	0	19.48					
10	64QAM	25	12	19.55			21	3	
10	64QAM	25	25	19.47					
10	64QAM	50	0	19.49					
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.39	782	784.5	Turn-up limit (dBm)	MPR (dB)	
5	QPSK	1	12	22.49	22.44	22.51			
5	QPSK	1	24	22.54	22.60	22.53			
5	QPSK	12	0	21.44	21.44	21.49	23	1	
5	QPSK	12	7	21.45	21.47	21.49			
5	QPSK	12	13	21.41	21.43	21.44			
5	QPSK	25	0	21.45	21.47	21.49	23	1	
5	16QAM	1	0	22.03	21.46	21.43			
5	16QAM	1	12	21.95	21.87	21.46			
5	16QAM	1	24	21.82	21.96	21.79	22	2	
5	16QAM	12	0	20.39	20.35	20.43			
5	16QAM	12	7	20.28	20.43	20.36	22	2	
5	16QAM	12	13	20.41	20.32	20.42			
5	16QAM	25	0	20.38	20.35	20.48			
5	64QAM	1	0	20.42	20.42	20.88	22	2	
5	64QAM	1	12	20.70	20.50	20.76			
5	64QAM	1	24	20.76	20.76	20.51			
5	64QAM	12	0	19.45	19.45	19.34	21	3	
5	64QAM	12	7	19.42	19.42	19.47			
5	64QAM	12	13	19.34	19.35	19.47			
5	64QAM	25	0	19.47	19.47	19.37	21	3	
5	64QAM	25	12	19.47	19.47	19.37			
5	64QAM	25	25	19.47	19.47	19.37			

Band 25_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.38	22.41	22.42	24	0						
20	QPSK	1	48	22.45	22.45	22.45								
20	QPSK	1	99	22.44	22.39	22.35								
20	QPSK	50	0	21.55	21.57	21.52								
20	QPSK	5	24	21.58	21.60	21.58	23	1						
20	QPSK	50	50	21.48	21.48	21.36								
20	QPSK	100	0	21.45	21.50	21.43								
20	16QAM	1	0	21.56	21.59	21.50								
20	16QAM	1	48	22.00	22.07	21.76	23	1						
20	16QAM	1	99	21.85	21.89	21.30								
20	16QAM	50	0	20.46	20.62	20.53								
20	16QAM	50	24	20.54	20.51	20.61								
20	16QAM	50	50	20.49	20.46	20.42	22	2						
20	16QAM	100	0	20.44	20.47	20.45								
20	64QAM	1	0	20.50	20.44	20.80								
20	64QAM	1	48	20.70	20.37	20.34								
20	64QAM	1	99	20.65	20.64	20.44	21	3						
20	64QAM	50	0	19.43	19.50	19.46								
20	64QAM	50	24	19.47	19.43	19.49								
20	64QAM	50	50	19.50	19.45	19.20								
20	64QAM	100	0	19.41	19.35	19.36								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.43	22.53	22.53	24	0						
15	QPSK	1	37	22.45	22.45	22.40								
15	QPSK	1	74	22.44	22.42	22.45								
15	QPSK	36	0	21.57	21.63	21.43								
15	QPSK	36	24	21.54	21.40	21.38	23	1						
15	QPSK	36	39	21.54	21.47	21.27								
15	QPSK	75	0	21.53	21.55	21.52								
15	16QAM	1	0	21.46	21.57	21.58								
15	16QAM	1	37	22.05	21.97	21.67	23	1						
15	16QAM	1	74	21.81	21.90	21.20								
15	16QAM	36	0	20.40	20.72	20.43								
15	16QAM	36	24	20.60	20.42	20.68								
15	16QAM	36	39	20.58	20.44	20.39	22	2						
15	16QAM	75	0	20.36	20.52	20.36								
15	64QAM	1	0	20.48	20.45	20.84								
15	64QAM	1	37	20.63	20.33	20.41								
15	64QAM	1	74	20.71	20.60	20.34	22	2						
15	64QAM	36	0	19.45	19.56	19.44								
15	64QAM	36	24	19.45	19.33	19.54								
15	64QAM	36	39	19.47	19.40	19.24								
15	64QAM	75	0	19.42	19.45	19.39	21	3						
15	64QAM	75	24	19.45	19.45	19.26								
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.34	22.33	22.33	24	0						
10	QPSK	1	25	22.56	22.43	22.45								
10	QPSK	1	49	22.42	22.49	22.40								
10	QPSK	25	0	21.59	21.58	21.56								
10	QPSK	25	12	21.57	21.53	21.50	23	1						
10	QPSK	25	25	21.50	21.39	21.41								
10	QPSK	50	0	21.46	21.46	21.46								
10	16QAM	1	0	21.99	22.07	21.44								
10	16QAM	1	25	22.02	21.99	21.78	23	1						
10	16QAM	1	49	21.82	21.89	21.27								
10	16QAM	25	0	20.55	20.61	20.62								
10	16QAM	25	12	20.60	20.60	20.51								
10	16QAM	25	25	20.39	20.48	20.40	22	2						
10	16QAM	50	0	20.46	20.54	20.45								
10	16QAM	1	0	20.55	20.40	20.73								
10	64QAM	1	25	20.62	20.32	20.44								
10	64QAM	1	49	20.64	20.67	20.45	21	3						
10	64QAM	25	0	19.39	19.64	19.41								
10	64QAM	25	12	19.38	19.47	19.43								
10	64QAM	25	25	19.51	19.42	19.35								
10	64QAM	50	0	19.45	19.45	19.26	21	3						
10	64QAM	50	24	19.45	19.45	19.26								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.39	22.31	22.52	24	0						
5	QPSK	1	12	22.44	22.53	22.48								
5	QPSK	1	24	22.46	22.45	22.46								
5	QPSK	12	0	21.60	21.57	21.58								
5	QPSK	12	7	21.45	21.54	21.35	23	1						
5	QPSK	12	13	21.49	21.39	21.30								
5	QPSK	25	0	21.54	21.57	21.46								
5	16QAM	1	0	21.46	22.07	21.59								
5	16QAM	1	12	22.07	22.11	21.83	23	1						
5	16QAM	1	24	21.86	21.89	21.49								
5	16QAM	12	0	20.46	20.59	20.53								
5	16QAM	12	7	20.48	20.44	20.64								
5	16QAM	12	13	20.45	20.37	20.39	22	2						
5	16QAM	25	0	20.35	20.37	20.36								
5	64QAM	1	0	20.47	20.40	20.88								
5	64QAM	1	12	20.69	20.33	20.40								
5	64QAM	1	24	20.64	20.73	20.40	22	2						
5	64QAM	12	0	19.38	19.60	19.55								
5	64QAM	12	7	19.44	19.47	19.59								
5	64QAM	12	13	19.56	19.45	19.32								
5	64QAM	25	0	19.48	19.44	19.28	21	3						
5	64QAM	25	24	19.48	19.44	19.28								
Channel														
Frequency (MHz)														
3	QPSK	1	0	22.29	22.34	22.33	24	0						
3	QPSK	1	8	22.37	22.48	22.55								
3	QPSK	1	14	22.34	22.49	22.36								
3	QPSK	8	0	21.63	21.58	21.49								
3	QPSK	8	4	21.41	21.58	21.39	23	1						
3	QPSK	8	7	21.57	21.43	21.29								
3	QPSK	15	0	21.39	21.49	21.50								
3	16QAM	1	0	21.49	21.97	21.47								
3	16QAM	1	8	22.07	22.04	21.84	23	1						
3	16QAM	1	14	21.76	21.83	21.24								
3	16QAM	8	0	20.45	20.65	20.58								
3	16QAM	8	4	20.44	20.50	20.58								
3	16QAM	8	7	20.50	20.39	20.38	22	2						
3	16QAM	15	0	20.44	20.47	20.30								
3	64QAM	1	0	20.57	20.39	20.88								
3	64QAM	1	8	20.60	20.30	20.30								
3	64QAM	1	14	20.73	20.60	20.40	22	2						
3	64QAM	8	0	19.48	19.65	19.43								
3	64QAM	8	4	19.50	19.46	19.56								
3	64QAM	8	7	19.51	19.47	19.37								
3	64QAM	15	0	19.48	19.44	19.44	21	3						
3	64QAM	15	24	19.48	19.44	19.44								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	22.48	22.52	22.52	24	0						
1.4	QPSK	1	3	22.55	22.56	22.46								
1.4	QPSK	1	5	22.47	22.60	22.64								
1.4	QPSK	3	0	22.46	22.50	22.64								
1.4	QPSK	3	1	22.67	22.51	22.28	23	1						
1.4	QPSK	3	3	22.51	22.59	22.59								

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20 QPSK	1	0		1720	1745	1770			
20 QPSK	1	0		22.34	22.26	22.26	24	0	
20 QPSK	1	49		22.11	22.01	22.01			
20 QPSK	1	99		22.31	22.19	22.27			
20 QPSK	50	0		21.48	21.49	21.41			
20 QPSK	50	24		21.47	21.42	21.38	23	1	
20 QPSK	50	50		21.40	21.31	21.27			
20 QPSK	100	0		21.32	21.38	21.33			
20 16QAM	1	0		21.86	21.78	21.90			
20 16QAM	1	49		21.68	21.49	21.63	23	1	
20 16QAM	1	99		21.27	21.38	21.74			
20 16QAM	50	0		20.39	20.44	20.41			
20 16QAM	50	24		20.43	20.36	20.39	22	2	
20 16QAM	50	50		20.27	20.35	20.19			
20 16QAM	100	0		20.38	20.35	20.26			
20 64QAM	1	0		20.63	20.63	20.39			
20 64QAM	1	49		20.53	20.62	20.62	22	2	
20 64QAM	1	99		20.57	20.26	20.40			
20 64QAM	50	0		19.31	19.39	19.38			
20 64QAM	50	24		19.36	19.46	19.42	21	3	
20 64QAM	50	50		19.33	19.27	19.25			
20 64QAM	100	0		19.31	19.26	19.28			
Channel									
Frequency (MHz)									
15 QPSK	1	0		1720.72	1745	1772.5			
15 QPSK	1	37		22.47	22.34	22.29	24	0	
15 QPSK	1	74		22.32	22.13	22.29			
15 QPSK	36	0		21.63	21.44	21.51			
15 QPSK	36	20		21.44	21.37	21.38	23	1	
15 QPSK	36	39		21.41	21.41	21.37			
15 QPSK	75	0		21.25	21.40	21.37			
15 16QAM	1	0		21.62	21.62	21.40			
15 16QAM	1	37		21.90	21.34	21.40	23	1	
15 16QAM	1	74		21.23	21.28	21.83			
15 16QAM	36	0		20.40	20.46	20.43			
15 16QAM	36	20		20.51	20.36	20.49	22	2	
15 16QAM	36	39		20.17	20.40	20.19			
15 16QAM	75	0		20.35	20.34	20.36			
15 64QAM	1	0		20.69	20.60	20.46			
15 64QAM	1	37		20.52	20.72	20.58	22	2	
15 64QAM	1	74		20.58	20.30	20.36			
15 64QAM	36	0		19.34	19.44	19.31			
15 64QAM	36	20		19.34	19.30	19.40	21	3	
15 64QAM	36	39		19.29	19.32	19.35			
15 64QAM	75	0		19.38	19.24	19.27			
Channel									
Frequency (MHz)									
10 QPSK	1	0		22.30	22.27	22.35			
10 QPSK	1	25		22.43	22.24	22.39	24	0	
10 QPSK	1	49		22.27	22.14	22.31			
10 QPSK	25	0		21.54	21.49	21.40			
10 QPSK	25	12		21.47	21.42	21.32	23	1	
10 QPSK	25	25		21.49	21.21	21.27			
10 QPSK	50	0		21.24	21.36	21.37			
10 16QAM	1	0		21.84	21.68	21.95			
10 16QAM	1	25		21.60	21.48	21.61	23	1	
10 16QAM	1	49		21.20	21.42	21.76			
10 16QAM	25	0		20.29	20.45	20.37			
10 16QAM	25	12		20.43	20.35	20.37	22	2	
10 16QAM	25	25		20.34	20.27	20.15			
10 16QAM	50	0		20.38	20.39	20.31			
10 64QAM	1	0		20.47	20.40	20.41			
10 64QAM	1	25		20.45	20.58	20.59	22	2	
10 64QAM	1	49		20.50	20.23	20.42			
10 64QAM	25	0		19.27	19.41	19.35			
10 64QAM	25	12		19.35	19.49	19.48	21	3	
10 64QAM	25	25		19.25	19.35	19.25			
10 64QAM	50	0		19.41	19.23	19.25			
Channel									
Frequency (MHz)									
5 QPSK	1	0		22.25	22.25	22.36			
5 QPSK	1	12		22.27	22.30	22.33	24	0	
5 QPSK	1	24		22.27	22.16	22.21			
5 QPSK	12	0		21.65	21.53	21.61			
5 QPSK	12	7		21.54	21.53	21.49	23	1	
5 QPSK	12	13		21.44	21.39	21.52			
5 QPSK	12	14		21.26	21.41	21.26			
5 16QAM	1	0		21.83	21.87	21.88			
5 16QAM	1	12		21.88	21.36	21.35	23	1	
5 16QAM	1	24		21.38	21.47	21.46			
5 16QAM	12	0		20.45	20.49	20.41			
5 16QAM	12	7		20.53	20.41	20.40	22	2	
5 16QAM	12	13		20.33	20.35	20.17			
5 16QAM	25	0		20.43	20.40	20.17			
5 64QAM	1	0		20.46	20.55	20.29			
5 64QAM	1	12		20.49	20.59	20.78	22	2	
5 64QAM	1	24		20.67	20.18	20.46			
5 64QAM	12	0		19.36	19.46	19.39			
5 64QAM	12	7		19.27	19.41	19.48	21	3	
5 64QAM	12	13		19.39	19.33	19.23			
5 64QAM	25	0		19.38	19.36	19.21			
Channel									
Frequency (MHz)									
3 QPSK	1	0		22.25	22.27	22.18			
3 QPSK	1	8		22.43	22.20	22.24	24	0	
3 QPSK	1	14		22.26	22.29	22.20			
3 QPSK	8	0		21.47	21.55	21.46			
3 QPSK	8	4		21.52	21.50	21.36	23	1	
3 QPSK	8	7		21.47	21.21	21.17			
3 QPSK	15	0		21.27	21.31	21.42			
3 16QAM	1	0		21.96	21.88	21.95			
3 16QAM	1	8		21.80	21.33	21.36	23	1	
3 16QAM	1	14		21.35	21.36	21.66			
3 16QAM	8	0		20.42	20.51	20.43			
3 16QAM	8	4		20.37	20.31	20.38	22	2	
3 16QAM	8	7		20.37	20.41	20.37			
3 16QAM	15	0		20.41	20.27	20.35			
3 64QAM	1	0		20.43	20.53	20.32			
3 64QAM	1	8		20.47	20.64	20.63	22	2	
3 64QAM	25	0		20.66	20.22	20.34			
3 64QAM	8	0		19.28	19.36	19.41			
3 64QAM	8	4		19.44	19.31	19.34	21	3	
3 64QAM	8	7		19.27	19.23	19.33			
3 64QAM	15	0		19.27	19.18	19.31			
Channel									
Frequency (MHz)									
1.4 QPSK	1	0		22.35	22.29	22.41			
1.4 QPSK	1	3		22.30	22.07	22.48	24	0	
1.4 QPSK	1	5		22.37	22.38	22.29			
1.4 QPSK	3	0		22.39	22.51	22.44			
1.4 QPSK	3	1		22.41	22.24	22.38			
1.4 QPSK	3	14		22.43	22.47	22.39			
1.4 QPSK	6	0		21.36	21.45	21.34	23	1	
1.4 16QAM	1	0		21.67	21.84	21.89			
1.4 16QAM	1	3		21.56	21.38	21.62			
1.4 16QAM	1	5		21.32	21.89	21.53	23	1	
1.4 16QAM	3	0		21.41	21.43	21.37			
1.4 16QAM	3	1		21.46	21.63	21.46			
1.4 16QAM	3	14		21.29	21.50	21.37			
1.4 16QAM	6	0		20.33	20.40	20.31	22	2	
1.4 64QAM	1	0		20.66	20.70	20.68			
1.4 64QAM	1	3		20.10	20.33	20.29			
1.4 64QAM	1	5		20.72	20.55	20.37	22	2	
1.4 64QAM	3	0		20.34	20.50	20.53			
1.4 64QAM	3	1		20.17	20.72	20.47			
1.4 64QAM	3	14		20.45	20.44	20.42			
1.4 64QAM	6	0		19.41	19.41	19.28	21	3	

Band 66/Other PA_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20 QPSK	1	0		1720	1745	1770			
20 QPSK	1	0		23.02	23.11	23.12	24	0	
20 QPSK	1	49		23.11	23.01	23.04			
20 QPSK	1	99		23.10	23.23	23.03			
20 QPSK	50	0		22.11	22.13	22.05			
20 QPSK	50	24		22.01	21.93	21.91	23	1	
20 QPSK	50	50		21.97	22.10	22.04			
20 QPSK	100	0		22.01	22.08	22.06			
20 16QAM	1	0		21.88	22.04	22.00			
20 16QAM	1	49		22.04	22.00	21.97	23	1	
20 16QAM	1	99		22.08	22.10	22.05			
20 16QAM	50	0		21.06	20.99	21.05			
20 16QAM	50	24							

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)	Ch Delta > 0.5	
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.42	22.46	22.52	24	0	0.27	
20	QPSK	1	49	22.62	22.69	22.67				
20	QPSK	1	99	22.61	22.60	22.58				
20	QPSK	50	0	21.80	21.86	21.79	23	1	0.14	
20	QPSK	50	24	21.78	21.76	21.72				
20	QPSK	50	50	21.76	21.78	21.75				
20	QPSK	100	0	21.78	21.83	21.75	23	1	0.33	
20	16QAM	1	0	21.66	21.74	21.84				
20	16QAM	1	49	21.91	21.94	21.99				
20	16QAM	1	99	21.90	21.87	21.88	22	2	0.14	
20	16QAM	50	0	20.75	20.74	20.78				
20	16QAM	50	24	20.85	20.82	20.83				
20	16QAM	50	50	20.80	20.81	20.82	22	2	0.23	
20	16QAM	100	0	20.76	20.71	20.77				
20	64QAM	1	0	20.38	20.40	20.44				
20	64QAM	1	49	20.58	20.53	20.61	22	2	0.23	
20	64QAM	1	99	20.52	20.53	20.53				
20	64QAM	50	0	19.75	19.71	19.78				
20	64QAM	50	24	19.81	19.80	19.80	21	3	0.10	
20	64QAM	50	50	19.75	19.77	19.77				
20	64QAM	100	0	19.72	19.71	19.79				
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	22.48	22.44	22.52	24	0	0.20	
15	QPSK	1	37	22.48	22.56	22.64				
15	QPSK	1	74	22.52	22.48	22.64				
15	QPSK	36	0	21.85	21.83	21.83	23	1	0.21	
15	QPSK	36	20	21.76	21.70	21.84				
15	QPSK	36	39	21.79	21.71	21.79				
15	QPSK	75	0	21.71	21.80	21.80	23	1	0.35	
15	16QAM	1	0	21.61	21.65	21.93				
15	16QAM	1	37	21.93	21.94	21.89				
15	16QAM	1	74	21.85	21.94	21.96	22	2	0.26	
15	16QAM	36	0	20.73	20.72	20.80				
15	16QAM	36	20	20.81	20.85	20.83				
15	16QAM	36	39	20.87	20.71	20.86	22	2	0.26	
15	16QAM	75	0	20.78	20.81	20.67				
15	64QAM	1	0	20.36	20.41	20.43				
15	64QAM	1	37	20.63	20.61	20.68	22	2	0.32	
15	64QAM	1	74	20.55	20.51	20.48				
15	64QAM	36	0	19.75	19.66	19.69				
15	64QAM	36	20	19.87	19.81	19.71	21	3	0.21	
15	64QAM	36	39	19.84	19.67	19.68				
15	64QAM	75	0	19.68	19.73	19.83				
Channel				37800	38000	38200				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	22.35	22.56	22.61	24	0	0.31	
10	QPSK	1	25	22.48	22.55	22.63				
10	QPSK	1	49	22.44	22.53	22.66				
10	QPSK	25	0	21.75	21.93	21.88	23	1	0.25	
10	QPSK	25	12	21.69	21.83	21.79				
10	QPSK	25	25	21.70	21.72	21.68				
10	QPSK	50	0	21.86	21.75	21.71	23	1	0.41	
10	16QAM	1	0	21.71	21.67	21.84				
10	16QAM	1	25	21.89	22.02	22.08				
10	16QAM	1	49	21.90	21.89	21.94	22	2	0.26	
10	16QAM	25	0	20.83	20.66	20.74				
10	16QAM	25	12	20.90	20.80	20.81				
10	16QAM	25	25	20.73	20.91	20.89	22	2	0.31	
10	16QAM	50	0	20.74	20.65	20.78				
10	64QAM	1	0	20.30	20.31	20.47				
10	64QAM	1	25	20.61	20.61	20.59	22	2	0.31	
10	64QAM	1	49	20.58	20.46	20.50				
10	64QAM	25	0	19.74	19.61	19.75				
10	64QAM	25	12	19.83	19.80	19.73	21	3	0.26	
10	64QAM	25	25	19.81	19.77	19.73				
10	64QAM	50	0	19.64	19.67	19.87				
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	22.35	22.41	22.46	24	0	0.32	
5	QPSK	1	12	22.60	22.55	22.64				
5	QPSK	1	24	22.55	22.47	22.67				
5	QPSK	12	0	21.74	21.76	21.73	23	1	0.20	
5	QPSK	12	7	21.83	21.78	21.63				
5	QPSK	12	13	21.83	21.75	21.70				
5	QPSK	25	0	21.70	21.74	21.78	23	1	0.40	
5	16QAM	1	0	21.62	21.83	21.75				
5	16QAM	1	12	21.99	21.98	22.02				
5	16QAM	1	24	21.90	21.93	21.96	22	2	0.25	
5	16QAM	12	0	20.76	20.76	20.87				
5	16QAM	12	7	20.91	20.87	20.87				
5	16QAM	12	13	20.79	20.76	20.96	22	2	0.31	
5	16QAM	25	0	20.71	20.68	20.72				
5	64QAM	1	0	20.43	20.42	20.34				
5	64QAM	1	12	20.65	20.51	20.62	22	2	0.31	
5	64QAM	1	24	20.51	20.46	20.49				
5	64QAM	12	0	19.68	19.65	19.79				
5	64QAM	12	7	19.71	19.77	19.89	21	3	0.24	
5	64QAM	12	13	19.81	19.85	19.79				
5	64QAM	25	0	19.68	19.72	19.71				

Band 38(Other PA)_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)	Ch Delta > 0.5	
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.84	22.89	22.98	24	0	0.31	
20	QPSK	1	49	23.07	23.15	23.10				
20	QPSK	1	99	23.05	23.02	23.06				
20	QPSK	50	0	22.26	22.33	22.22	23	1	0.20	
20	QPSK	50	24	22.24	22.21	22.13				
20	QPSK	50	50	22.23	22.21	22.21				
20	QPSK	100	0	22.23	22.24	22.19	23	1	0.33	
20	16QAM	1	0	22.08	22.14	22.28				
20	16QAM	1	49	22.39	22.37	22.41				
20	16QAM	1	99	22.31	22.28	22.32	22	2	0.13	
20	16QAM	50	0	21.14	21.20	21.19				
20	16QAM	50	24	21.24	21.21	21.27				
20	16QAM	50	50	21.25	21.25	21.27	22	2	0.24	
20	16QAM	100	0	21.22	21.15	21.16				
20	64QAM	1	0	20.80	20.79	20.88				
20	64QAM	1	49	20.99	20.91	21.03	21	3	0.14	
20	64QAM	1	99	20.91	20.96	20.97				
20	64QAM	50	0	20.14	20.20	20.16	21	3	0.14	
20	64QAM	50	24	20.24	20.22	20.18				
20	64QAM	50	50	20.16	20.20	20.19				
20	64QAM	100	0	20.14	20.15	20.18				
Channel				37825	38000	38175	Tune-up limit (dbm)	MPR (dB)	Ch Delta > 0.5	
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	22.88	22.83	22.95	24	0	0.21	
15	QPSK	1	37	22.78	22.98	22.92				
15	QPSK	1	74	22.86	22.99	22.97				
15	QPSK	36	0	22.36	22.32	22.15	23	1	0.22	
15	QPSK	36	20	22.25	22.14	22.19				
15	QPSK	36	39	22.22	22.31	22.27				
15	QPSK	75	0	22.18	22.34	22.27	23	1	0.44	
15	16QAM	1	0	22.02	22.14	22.35				
15	16QAM	1	37	22.26	22.39	22.37				
15	16QAM	1	74	22.26	22.26	22.34	22	2	0.25	
15	16QAM	36	0	21.17	21.16	21.11				
15	16QAM	36	20	21.33	21.11	21.34				
15	16QAM	36	39	21.16	21.15	21.35	22	2	0.23	
15	16QAM	75	0	21.18	21.10	21.20				
15	64QAM	1	0	20.83	20.82	20.94				
15	64QAM	1	37	21.05	20.84	21.00	21	3	0.20	
15	64QAM	1	74	20.94	20.77	20.94				
15	64QAM	36	0	20.09	20.05	20.25				
15	64QAM	36	20	20.16	20.22	20.10	21	3	0.20	
15	64QAM	36	39	20.20	20.15	20.17				
15	64QAM	75	0	20.20	20.09	20.15				
Channel				37800	38000	38200	Tune-up limit (dbm)	MPR (dB)	Ch Delta > 0.5	
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	22.94	22.97	23.08	23	1	0.34	
10	QPSK	1	25	22.96	22.98	23.01				
10	QPSK	1	49	22.90	22.93	23.00				
10	QPSK	25	0	22.17	22.39	22.28	23	1	0.34	
10	QPSK	25	12	22.28	22.29	22.05				
10	QPSK	25	25	22.18	22.31	22.29				
10	QPSK	50	0	22.16	22.26	22.17	23	1	0.35	
10	QPSK	1	0	22.17	22.27	22.30				
10	16QAM	1	25	22.36	22.40	22.42				
10	16QAM	1	49	22.24	22.37	22.23	22	2	0.22	
10	16QAM	25	0	21.10	21.30	21.11				
10	16QAM	25	12	21.16	21.30	21.26				
10	16QAM	25	25	21.28	21.20	21.25	21	3	0.27	
10	16QAM	50	0	21.25	21.11	21.08				
10	64QAM	1	0	20.20	20.20	20.89				
10	64QAM	1	25	20.00	20.86	20.95	21	3	0.27	
10	64QAM	1	49	20.87	21.03	21.05				
10	64QAM	25	0	20.19	20.05	20.16				
10	64QAM	25	12	20.30	20.32	20.14	21	3	0.27	
10	64QAM	25	25	20.14	20.22	20.24				
10	64QAM	50	0	20.14	20.21	20.14				
Channel				37775	38000	38225	Tune-up limit (dbm)	MPR (dB)	Ch Delta > 0.5	
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	22.80	22.85	22.90	23	1	0.25	
5	QPSK	1	12	22.81	22.90	23.09				
5	QPSK	1	24	22.91	22.87	23.14				
5	QPSK	12	0	22.32	22.25	22.15	23	1	0.25	
5	QPSK	12	7	22.34	22.28	22.23				
5	QPSK	12	13	22.18	22.09	22.30				
5	QPSK	25	0	22.13	22.17	22.14	21	3	0.21	
5	16QAM	1	0	22.11	22.18	22.32				
5	16QAM	1	12	22.49	22.39	22.35				
5	16QAM	1	24	22.21	22.30	22.26	22	2	0.23	
5	16QAM	12	0	21.15	21.16	21.16				
5	16QAM	12	7	21.28	21.29	21.30				
5	16QAM	12	13	21.31	21.33	21.30	22	2	0.30	
5	16QAM	25	0	21.19	21.10	21.24				
5	64QAM	1	0	20.77	20.75	20.88				
5	64QAM	1	12	21.04	20.87	21.05	21	3	0.21	
5	64QAM	1	24	20.86	20.87	21.03				
5	64QAM	12	0	20.24	20.18	20.11				
5	64QAM	12	7	20.29	20.16	20.19	21	3	0.21	
5	64QAM	12	13	20.08	20.23	20.24				
5	64QAM	25	0	20.22	20.22	20.23				

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										
Frequency (MHz)										
20	QPSK	1	0	22.35	22.35	22.42	22.47	22.48	24	0
20	QPSK	1	49	22.45	22.41	22.74	22.84	22.70		
20	QPSK	1	99	22.37	22.50	22.57	22.52	22.63		
20	QPSK	50	0	21.50	21.56	21.88	21.82	21.86	23	1
20	QPSK	50	24	21.39	21.54	21.76	21.79	21.83		
20	QPSK	50	50	21.48	21.53	21.78	21.73	21.85		
20	QPSK	100	0	21.44	21.56	21.87	21.77	21.85	23	1
20	16QAM	1	0	21.42	21.43	21.71	21.75	21.70		
20	16QAM	1	49	21.50	21.50	21.92	21.88	21.88		
20	16QAM	1	99	21.43	21.83	21.79	21.78	21.80	22	2
20	16QAM	50	0	20.81	20.73	20.80	20.80	20.81		
20	16QAM	50	24	20.67	20.74	20.81	20.80	20.84		
20	16QAM	50	50	20.65	20.71	20.83	20.76	20.86	22	2
20	16QAM	100	0	20.62	20.72	20.80	20.80	20.87		
20	16QAM	1	0	20.28	20.29	20.38	20.40	20.43		
20	64QAM	1	49	20.39	20.44	20.60	20.50	20.58	21	3
20	64QAM	1	99	20.29	20.41	20.51	20.44	20.48		
20	64QAM	50	0	19.58	19.72	19.74	19.77	19.74		
20	64QAM	50	24	19.56	19.74	19.77	19.77	19.78	21	3
20	64QAM	50	50	19.62	19.70	19.77	19.72	19.80		
20	64QAM	100	0	19.59	19.63	19.77	19.75	19.79		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.32	22.32	22.32	22.43	22.38	24	0
15	QPSK	1	37	22.35	22.45	22.73	22.54	22.63		
15	QPSK	1	74	22.43	22.42	22.55	22.48	22.58		
15	QPSK	36	0	21.51	21.65	21.95	21.85	21.79	23	1
15	QPSK	36	20	21.47	21.45	21.73	21.86	21.92		
15	QPSK	36	39	21.57	21.50	21.78	21.71	21.92		
15	QPSK	75	0	21.46	21.86	21.97	21.67	21.77	23	1
15	16QAM	1	0	21.42	21.36	21.76	21.83	21.64		
15	16QAM	1	37	21.51	21.66	21.98	21.97	21.85		
15	16QAM	1	74	21.46	21.83	21.80	21.74	21.74	22	2
15	16QAM	36	0	20.53	20.69	20.73	20.71	20.80		
15	16QAM	36	20	20.71	20.80	20.69	20.94	20.75		
15	16QAM	36	39	20.59	20.74	20.83	20.70	20.94	22	2
15	16QAM	75	0	20.72	20.72	20.72	20.77	20.83		
15	64QAM	1	0	20.30	20.38	20.44	20.33	20.35		
15	64QAM	1	37	20.34	20.38	20.65	20.53	20.52	22	2
15	64QAM	1	74	20.38	20.46	20.44	20.35	20.51		
15	64QAM	36	0	19.57	19.88	19.74	19.67	19.77		
15	64QAM	36	20	19.49	19.83	19.76	19.71	19.83	21	3
15	64QAM	36	39	19.60	19.83	19.87	19.85	19.70		
15	64QAM	75	0	19.58	19.67	19.67	19.74	19.70		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.44	22.32	22.48	22.39	22.54	24	0
10	QPSK	1	25	22.40	22.39	22.73	22.57	22.72		
10	QPSK	1	49	22.43	22.40	22.58	22.50	22.55		
10	QPSK	25	0	21.53	21.53	21.95	21.76	21.76	23	1
10	QPSK	25	12	21.47	21.50	21.67	21.78	21.74		
10	QPSK	25	25	21.42	21.59	21.84	21.74	21.85		
10	QPSK	50	0	21.53	21.62	21.85	21.80	21.95	23	1
10	16QAM	1	0	21.36	21.40	21.64	21.84	21.80		
10	16QAM	1	25	21.44	21.30	21.92	21.92	21.80		
10	16QAM	1	49	21.51	21.61	21.75	21.77	21.89	22	2
10	16QAM	25	0	20.71	20.83	20.70	20.75	20.83		
10	16QAM	25	12	20.58	20.62	20.84	20.78	20.93		
10	16QAM	25	25	20.62	20.63	20.82	20.84	20.88	22	2
10	16QAM	50	0	20.65	20.80	20.77	20.79	20.84		
10	64QAM	1	0	20.28	20.23	20.31	20.23	20.46		
10	64QAM	1	25	20.47	20.38	20.55	20.40	20.58	22	2
10	64QAM	1	49	20.37	20.46	20.54	20.38	20.38		
10	64QAM	25	0	19.68	19.82	19.71	19.82	19.80		
10	64QAM	25	12	19.57	19.83	19.69	19.78	19.84	21	3
10	64QAM	25	25	19.52	19.64	19.71	19.72	19.70		
10	64QAM	50	0	19.66	19.56	19.81	19.76	19.81		
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.25	22.38	22.46	22.50	22.45	24	0
5	QPSK	1	12	22.41	22.31	22.64	22.56	22.63		
5	QPSK	1	24	22.30	22.39	22.53	22.43	22.68		
5	QPSK	12	0	21.58	21.61	21.92	21.76	21.94	23	1
5	QPSK	12	7	21.49	21.53	21.84	21.89	21.92		
5	QPSK	12	13	21.56	21.49	21.84	21.63	21.94		
5	QPSK	25	0	21.45	21.56	21.97	21.79	21.79	23	1
5	16QAM	1	0	21.51	21.34	21.75	21.76	21.80		
5	16QAM	1	12	21.42	21.55	21.83	21.82	21.86		
5	16QAM	1	24	21.53	21.60	21.69	21.84	21.71	22	2
5	16QAM	12	0	20.70	20.76	20.90	20.88	20.85		
5	16QAM	12	7	20.60	20.80	20.73	20.88	20.94		
5	16QAM	12	13	20.88	20.69	20.77	20.81	20.85	22	2
5	16QAM	25	0	20.61	20.96	20.72	20.80	20.83		
5	64QAM	1	0	20.18	20.26	20.35	20.44	20.36		
5	64QAM	1	12	20.36	20.34	20.66	20.49	20.62	22	2
5	64QAM	1	24	20.24	20.48	20.61	20.51	20.51		
5	64QAM	12	0	19.67	19.79	19.71	19.71	19.75		
5	64QAM	12	7	19.81	19.79	19.71	19.86	19.85	21	3
5	64QAM	12	13	19.68	19.66	19.87	19.82	19.71		
5	64QAM	25	0	19.59	19.58	19.68	19.69	19.71		

Band 41(Other PA)_Ant 1

Band 41(Other PA)_Ant 1												
BW	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												
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	24	0		
20	QPSK	1	0	22.89	22.90	22.97	22.99	23.02				
20	QPSK	1	49	22.96	23.02	23.30	23.13	23.25				
20	QPSK	1	99	22.92	23.02	23.06	23.03	23.15				
20	QPSK	50	0	22.04	22.06	22.41	22.29	22.35				
20	QPSK	50	24	21.90	22.04	22.23	22.26	22.31	23	1		
20	QPSK	50	50	22.00	22.04	22.28	22.26	22.34				
20	QPSK	100	0	21.91	22.03	22.36	22.30	22.32				
20	16QAM	1	0	21.94	21.94	22.23	22.26	22.18				
20	16QAM	1	49	22.02	22.14	22.41	22.40	22.40				
20	16QAM	1	99	21.92	22.11	22.26	22.29	22.27	23	1		
20	16QAM	50	0	21.13	21.20	21.32	21.30	21.28				
20	16QAM	50	24	21.18	21.23	21.31	21.27	21.34				
20	16QAM	50	50	21.16	21.19	21.32	21.28	21.37				
20	16QAM	100	0	21.09	21.18	21.29	21.25	21.37				
20	64QAM	1	0	20.74	20.77	20.85	20.85	20.92	22	2		
20	64QAM	1	49	20.83	20.91	21.11	20.97	21.06				
20	64QAM	1	99	20.77	20.86	20.96	20.93	20.96				
20	64QAM	50	0	20.06	20.15	20.24	20.26	20.19				
20	64QAM	50	24	20.01	20.20	20.26	20.24	20.21				
20	64QAM	50	50	20.04	20.18	20.22	20.16	20.23	21	3		
20	64QAM	100	0	20.03	20.11	20.20	20.23	20.23				
Channel												
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			24	0
15	QPSK	1	0	22.80	22.80	23.04	23.04	23.04				
15	QPSK	1	37	23.00	22.96	23.24	23.19	23.18				
15	QPSK	1	74	23.01	22.84	23.15	23.09	23.21				
15	QPSK	36	0	22.00	22.00	22.46	22.46	22.45				
15	QPSK	36	20	21.90	22.12	22.23	22.24	22.39	23	1		
15	QPSK	36	39	22.10	22.06	22.28	22.23	22.37				
15	QPSK	75	0	21.92	22.08	22.21	22.36	22.27				
15	16QAM	1	0	22.00	22.03	22.28	22.34	22.13				
15	16QAM	1	37	22.07	22.21	22.35	22.39	22.41				
15	16QAM	1	74	22.01	22.03	22.26	22.25	22.27	23	1		
15	16QAM	36	0	21.12	21.18	21.28	21.30	21.30				
15	16QAM	36	20	21.19	21.29	21.40	21.24	21.32				
15	16QAM	36	39	21.22	21.09	21.38	21.25	21.29				
15	16QAM	75	0	21.11	21.08	21.27	21.28	21.46				
15	64QAM	1	0	20.84	20.68	20.90	20.95	20.88	22	2		
15	64QAM	1	37	20.92	20.93	21.15	20.90	21.12				
15	64QAM	1	74	20.86	20.82	21.05	20.98	21.04				
15	64QAM	36	0	20.16	20.22	20.18	20.26	20.24				
15	64QAM	36	20	19.99	20.17	20.21	20.31	20.23				
15	64QAM	36	39	19.97	20.21	20.21	20.14	20.30	21	3		
15	64QAM	75	0	20.13	20.21	20.11	20.20	20.28				
Channel												
Frequency (MHz)				2501	2547	2593	2639	2685			24	0
10	QPSK	1	0	22.83	22.81	22.98	22.97	22.98				
10	QPSK	1	25	22.91	22.96	23.22	23.20	23.21				
10	QPSK	49	0	22.94	22.92	23.16	23.18	23.12				
10	QPSK	25	0	22.14	21.99	22.35	22.29	22.44				
10	QPSK	25	12	21.85	21.98	22.17	22.35	22.28	23	1		
10	QPSK	25	25	22.06	21.96	22.38	22.19	22.24				
10	QPSK	50	0	21.82	22.10	22.39	22.33	22.23				
10	16QAM	1	0	21.84	21.85	22.26	22.22	22.13				
10	16QAM	1	25	21.92	22.10	22.45	22.34	22.39				
10	16QAM	1	49	21.89	22.19	22.31	22.26	22.26	23	1		
10	16QAM	25	0	21.18	21.28	21.30	21.34	21.22				
10	16QAM	25	12	21.21	21.30	21.31	21.35	21.35				
10	16QAM	25	25	21.23	21.10	21.35	21.25	21.40				
10	16QAM	50	0	21.17	21.17	21.21	21.32	21.41				
10	64QAM	1	0	20.67	20.78	20.77	20.84	20.87	22	2		
10	64QAM	1	25	20.93	20.84	21.10	20.86	21.10				
10	64QAM	1	49	20.72	20.96	20.99	20.93	20.97				
10	64QAM	25	0	20.10	20.08	20.15	20.31	20.29				
10	64QAM	25	12	20.00	20.24	20.27	20.18	20.12				
10	64QAM	25	25	20.00	20.13	20.22	20.09	20.15	21	3		
10	64QAM	50	0	20.00	20.06	20.30	20.21	20.29				
Channel												
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2692.5			24	0
5	QPSK	1	0	22.85	22.88	22.96	23.06	23.03				
5	QPSK	1	12	22.91	22.82	23.24	23.23	23.23				
5	QPSK	1	24	22.86	22.96	23.09	23.12	23.11				
5	QPSK	12	0	22.03	22.16	22.33	22.26	22.30				
5	QPSK	12	7	21.99	22.14	22.21	22.28	22.27	23	1		
5	QPSK	12	13	21.93	21.97	22.23	22.33	22.28				
5	QPSK	25	0	21.96	22.02	22.34	22.34	22.45				
5	16QAM	1	0	22.03	21.86	22.17	22.24	22.24				
5	16QAM	1	12	21.99	22.07	22.51	22.27	22.36				
5	16QAM	1	24	21.96	22.19	22.34	22.36	22.36	22	2		
5	16QAM	12	0	21.21	21.11	21.26	21.33	21.26				
5	16QAM	12	7	21.22	21.18	21.27	21.25	21.39				
5	16QAM	12	13	21.24	21.23	21.24	21.31	21.36				
5	16QAM	25	0	21.02	21.09	21.38	21.32	21.31				
5	64QAM	1	0	20.72	20.80	21.00	20.82	20.93	22	2		
5	64QAM	1	12	20.78	20.92	21.01	20.93	21.08				
5	64QAM	1	24	20.70	20.92	20.98	20.89	20.96				
5	64QAM	12	0	19.97	20.05	20.22	20.19	20.13				
5	64QAM	12	7	19.92	20.27	20.25	20.31	20.21				
5	64QAM	12	13	20.01	20.21	20.15	20.17	20.22	21	3		
5	64QAM	25	0	20.05	20.15	20.26	20.30	20.19				

Reduced Power Mode for Receiver On

GSM900_Ant 0				Frame-Average Power (dBm)			
Burst Average Power (dBm)		Tune-up Limit (dBm)		Tune-up Limit (dBm)		Tune-up Limit (dBm)	
TX Channel	128	189	251	128	189	251	Limit (dBm)
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	Limit (dBm)
GSM 1 Tx slot	31.90	31.83	31.64	33.50	22.90	22.63	22.64
GPRS 1 Tx slots	31.90	31.89	31.62	33.50	22.90	22.89	22.62
GPRS 2 Tx slots	31.36	31.31	31.12	33.00	25.36	25.31	25.12
GPRS 3 Tx slots	29.76	29.74	29.62	31.50	25.50	25.48	25.36
GPRS 4 Tx slots	28.52	28.59	28.54	30.50	25.52	25.59	25.54
EDGE 1 Tx slot	25.79	26.25	25.88	27.50	18.79	17.25	16.88
EDGE 2 Tx slots	24.23	24.39	24.28	25.50	18.23	18.39	18.28
EDGE 3 Tx slots	21.79	22.03	21.96	23.50	17.53	17.77	17.70
EDGE 4 Tx slots	20.49	20.56	20.47	22.00	17.49	17.56	17.47

GSM1900_Ant 1				Frame-Average Power (dBm)			
Burst Average Power (dBm)		Tune-up Limit (dBm)		Tune-up Limit (dBm)		Tune-up Limit (dBm)	
TX Channel	512	681	810	512	681	810	Limit (dBm)
Frequency (MHz)	1850.2	1880	1920.8	1850.2	1880	1920.8	Limit (dBm)
GSM 1 Tx slot	28.93	28.84	28.69	30.50	19.93	19.84	19.69
GPRS 1 Tx slot	28.95	28.89	28.69	30.50	19.95	19.89	19.69
GPRS 2 Tx slots	28.34	28.23	28.02	30.00	22.34	22.23	22.02
GPRS 3 Tx slots	26.78	26.67	26.55	28.50	22.52	22.41	22.29
GPRS 4 Tx slots	25.50	25.61	25.54	27.50	22.50	22.61	22.54
EDGE 1 Tx slot	25.19	24.85	24.70	26.50	16.19	15.85	15.70
EDGE 2 Tx slots	23.99	23.78	23.54	25.50	17.99	17.78	17.54
EDGE 3 Tx slots	21.66	21.67	21.53	23.50	17.40	17.41	17.27
EDGE 4 Tx slots	20.27	20.28	20.10	22.00	17.27	17.28	17.10

Band				WCDMA R_Ant 1				WCDMA R_Ant 1				WCDMA V_Ant 0			
Tx Channel		Tx Channel		Tx Channel		Tx Channel		Tx Channel		Tx Channel		Tx Channel		Tx Channel	
Frequency (MHz)	9602	9600	9598	1512	1413	1513	1512	1413	1513	1512	1413	1513	4132	4182	4233
Frequency (MHz)	9602	9600	9598	1512	1413	1513	1512	1413	1513	1512	1413	1513	4132	4182	4233
3GPP Rel 99 RMC 12.2Kbps	22.53	22.72	22.71	24.00	22.29	22.38	22.31	24.00	22.50	22.58	22.49	24.00	22.50	22.58	22.49
3GPP Rel 6 HSDPA Subtest-1	21.55	21.71	21.66	23.00	21.28	21.35	21.31	23.00	21.48	21.62	21.47	23.00	21.47	21.60	21.47
3GPP Rel 6 HSDPA Subtest-2	21.55	21.67	21.63	23.00	21.24	21.30	21.33	23.00	21.47	21.60	21.47	23.00	21.47	21.60	21.47
3GPP Rel 6 HSDPA Subtest-3	21.07	21.23	21.15	22.50	20.83	20.87	20.84	22.50	21.01	21.12	21.00	22.50	21.01	21.12	21.00
3GPP Rel 6 HSDPA Subtest-4	21.01	21.18	21.11	22.50	20.77	20.80	20.78	22.50	20.96	21.09	20.97	22.50	20.96	21.09	20.97
3GPP Rel 8 DC-HSDPA Subtest-1	21.81	21.88	21.87	23.00	21.23	21.24	21.26	23.00	21.62	21.67	21.58	23.00	21.62	21.67	21.58
3GPP Rel 8 DC-HSDPA Subtest-2	21.86	21.86	21.82	23.00	21.17	21.16	21.25	23.00	21.65	21.66	21.59	23.00	21.65	21.66	21.59
3GPP Rel 8 DC-HSDPA Subtest-3	21.37	21.36	21.40	22.50	20.62	20.63	20.71	22.50	21.13	21.20	21.03	22.50	21.13	21.20	21.03
3GPP Rel 8 DC-HSDPA Subtest-4	21.30	21.35	21.36	22.50	20.67	20.64	20.70	22.50	21.09	21.16	21.14	22.50	21.09	21.16	21.14
3GPP Rel 6 HSUPA Subtest-1	19.52	19.70	19.71	21.00	19.25	19.32	19.26	21.00	19.45	19.44	19.42	21.00	19.45	19.44	19.42
3GPP Rel 6 HSUPA Subtest-2	19.52	19.67	19.63	21.00	19.28	19.30	19.25	21.00	19.43	19.45	19.46	21.00	19.43	19.45	19.46
3GPP Rel 6 HSUPA Subtest-3	20.54	20.71	20.71	22.00	20.31	20.34	20.28	22.00	20.45	20.46	20.47	22.00	20.45	20.46	20.47
3GPP Rel 6 HSUPA Subtest-4	19.06	19.21	19.20	21.00	19.00	19.05	19.03	21.00	19.04	19.03	19.01	21.00	19.04	19.03	19.01
3GPP Rel 6 HSUPA Subtest-5	20.50	20.70	20.60	22.00	20.20	20.30	20.30	22.00	20.40	20.50	20.40	22.00	20.40	20.50	20.40
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	19.63	19.67	19.62	20.50	19.26	19.33	19.27	20.50	19.43	19.44	19.46	20.50	19.43	19.44	19.46

Band 2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
18700 18800 18900									
Frequency (MHz)									
20 QPSK	1	0	22.40	22.41	22.43		24	0	
20 QPSK	1	49	22.40	22.37	22.35				
20 QPSK	1	99	22.18	22.36	22.34				
20 QPSK	50	0	21.43	21.54	21.50				
20 QPSK	50	24	21.46	21.49	21.48				
20 QPSK	50	50	21.37	21.40	21.40		23	1	
20 QPSK	100	0	21.37	21.42	21.40				
20 16QAM	1	0	21.47	21.52	21.53				
20 16QAM	1	49	21.61	21.61	21.68		23	1	
20 16QAM	1	99	21.71	21.75	21.44				
20 16QAM	50	0	20.35	20.44	20.45				
20 16QAM	50	24	20.47	20.46	20.46		22	2	
20 16QAM	50	50	20.36	20.31	20.34				
20 16QAM	100	0	20.41	20.38	20.37				
20 64QAM	1	0	20.60	20.37	20.42		22	2	
20 64QAM	1	49	20.19	20.73	20.56				
20 64QAM	1	99	20.32	20.69	20.33				
20 64QAM	50	0	19.40	19.45	19.45				
20 64QAM	50	24	19.38	19.42	19.45		21	3	
20 64QAM	50	50	19.39	19.30	19.35				
20 64QAM	100	0	19.33	19.36	19.35				
Channel									
18975 18990 19005									
Frequency (MHz)									
15 QPSK	1	0	22.34	22.48	22.42		24	0	
15 QPSK	1	37	22.36	22.56	22.41				
15 QPSK	1	74	22.12	22.31	22.28				
15 QPSK	36	0	21.45	21.59	21.54				
15 QPSK	36	0	21.40	21.51	21.54		23	1	
15 QPSK	36	39	21.43	21.31	21.31				
15 QPSK	75	0	21.47	21.48	21.43				
15 16QAM	1	0	21.56	21.62	21.65				
15 16QAM	1	37	21.66	21.64	21.76		23	1	
15 16QAM	1	74	21.62	21.77	21.35				
15 16QAM	36	0	20.32	20.35	20.50				
15 16QAM	36	20	20.50	20.38	20.54		22	2	
15 16QAM	36	39	20.33	20.23	20.35				
15 16QAM	75	0	20.44	20.43	20.30				
15 64QAM	1	0	20.62	20.45	20.43				
15 64QAM	1	37	20.14	20.65	20.67		22	2	
15 64QAM	1	74	20.40	20.66	20.39				
15 64QAM	36	0	19.49	19.52	19.43				
15 64QAM	36	20	19.42	19.47	19.39		21	3	
15 64QAM	36	39	19.31	19.32	19.26				
15 64QAM	75	0	19.36	19.32	19.39				
Channel									
18975 18990 19005									
Frequency (MHz)									
10 QPSK	1	0	22.36	22.32	22.42		24	0	
10 QPSK	1	25	22.51	22.45	22.36				
10 QPSK	1	49	22.19	22.27	22.31				
10 QPSK	1	74	21.56	21.49	21.53				
10 QPSK	25	12	21.45	21.36	21.55		23	1	
10 QPSK	25	25	21.43	21.47	21.50				
10 QPSK	50	0	21.46	21.43	21.50				
10 16QAM	1	0	21.53	22.02	21.91		23	1	
10 16QAM	1	25	21.55	21.75	21.75				
10 16QAM	1	49	21.73	21.75	21.39				
10 16QAM	25	0	20.44	20.37	20.53		22	2	
10 16QAM	25	12	20.51	20.54	20.38				
10 16QAM	25	25	20.34	20.28	20.33				
10 16QAM	50	0	20.44	20.28	20.31				
10 64QAM	1	0	20.63	20.48	20.48				
10 64QAM	1	25	20.22	20.72	20.67		22	2	
10 64QAM	1	49	20.26	20.66	20.43				
10 64QAM	25	0	19.31	19.28	19.39				
10 64QAM	25	12	19.28	19.46	19.55		21	3	
10 64QAM	25	25	19.49	19.39	19.27				
10 64QAM	50	0	19.40	19.26	19.28				
Channel									
18975 18990 19005									
Frequency (MHz)									
5 QPSK	1	0	22.31	22.43	22.51		24	0	
5 QPSK	1	12	22.40	22.55	22.45				
5 QPSK	1	24	22.38	22.42	22.42				
5 QPSK	12	0	21.47	21.57	21.51				
5 QPSK	12	7	21.40	21.56	21.41		23	1	
5 QPSK	12	13	21.41	21.45	21.47				
5 QPSK	12	14	21.44	21.46	21.34				
5 16QAM	1	0	21.48	21.94	21.86		23	1	
5 16QAM	1	12	21.64	21.59	21.63				
5 16QAM	1	24	21.74	21.67	21.67				
5 16QAM	12	0	20.34	20.50	20.50				
5 16QAM	12	7	20.53	20.50	20.52		22	2	
5 16QAM	12	13	20.33	20.22	20.46				
5 16QAM	12	14	20.37	20.44	20.38				
5 64QAM	1	0	20.69	20.28	20.46				
5 64QAM	1	12	20.13	20.72	20.76		22	2	
5 64QAM	1	24	20.38	20.72	20.27				
5 64QAM	12	0	19.42	19.48	19.46				
5 64QAM	12	7	19.36	19.48	19.45		21	3	
5 64QAM	12	13	19.29	19.34	19.36				
5 64QAM	25	0	19.23	19.46	19.41				
Channel									
18975 18990 19005									
Frequency (MHz)									
3 QPSK	1	0	22.42	22.31	22.49		24	0	
3 QPSK	1	8	22.38	22.56	22.45				
3 QPSK	1	16	22.22	22.32	22.31				
3 QPSK	8	0	21.47	21.51	21.51		23	1	
3 QPSK	8	4	21.47	21.54	21.51				
3 QPSK	8	7	21.52	21.27	21.39				
3 QPSK	15	0	21.28	21.52	21.31				
3 16QAM	1	0	21.50	21.83	21.91		23	1	
3 16QAM	1	8	21.61	21.76	21.75				
3 16QAM	1	16	21.81	21.66	21.36				
3 16QAM	8	0	20.40	20.37	20.44				
3 16QAM	8	4	20.55	20.49	20.42		22	2	
3 16QAM	8	7	20.51	20.35	20.45				
3 16QAM	15	0	20.45	20.46	20.27				
3 64QAM	1	0	20.63	20.32	20.37				
3 64QAM	1	8	20.18	20.74	20.73		22	2	
3 64QAM	1	16	20.27	20.75	20.25				
3 64QAM	8	0	19.48	19.53	19.52				
3 64QAM	8	4	19.40	19.34	19.39		21	3	
3 64QAM	8	7	19.38	19.21	19.29				
3 64QAM	15	0	19.40	19.32	19.35				
Channel									
18975 18990 19005									
Frequency (MHz)									
1.4 QPSK	1	0	22.50	22.44	22.43		24	0	
1.4 QPSK	1	3	22.51	22.55	22.44				
1.4 QPSK	1	5	22.42	22.54	22.47				
1.4 QPSK	3	0	22.44	22.53	22.44				
1.4 QPSK	3	1	22.43	22.44	22.50				
1.4 QPSK	3	14	22.43	22.50	22.48				
1.4 QPSK	6	0	21.41	21.49	21.49		23	1	
1.4 16QAM	1	0	21.60	21.67	21.39				
1.4 16QAM	1	3	21.60	21.77	21.68				
1.4 16QAM	1	5	21.34	21.59	21.90		23	1	
1.4 16QAM	3	0	21.45	21.51	21.53				
1.4 16QAM	3	1	21.31	21.33	21.37				
1.4 16QAM	3	1	21.31	21.33	21.37				
1.4 16QAM	6	0	20.37	20.61	20.47		22	2	
1.4 64QAM	1	0	20.22	20.22	20.74				
1.4 64QAM	1	3	20.56	20.52	20.49				
1.4 64QAM	1	5	20.60	20.72	20.75		22	2	
1.4 64QAM	3	0	20.54	20.65	20.67				
1.4 64QAM	3	1	20.42	20.43	20.63				
1.4 64QAM	3	1	20.44	20.55	20.58				
1.4 64QAM	6	0	19.33	19.47	19.33		21	3	

Band 2(Other PA)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
18700 18800 18900									
Frequency (MHz)									
20 QPSK	1	0	22.59	22.58	23.00		24	0	
20 QPSK	1	49	22.00	22.00	22.00				
20 QPSK	1	99	22.75	22.97	22.80				
20 QPSK	50	0</							

Band 4_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20550	20175	20300			
20 QPSK	1	0	22.05	22.25	22.14		24	0	
20 QPSK	1	49	22.05	22.33	22.05				
20 QPSK	1	99	22.05	22.09	22.10				
20 QPSK	50	0	21.20	21.33	21.35		23	1	
20 QPSK	50	24	21.19	21.33	21.20				
20 QPSK	50	50	21.07	21.20	21.17				
20 QPSK	100	0	21.12	21.26	21.20				
20 16QAM	1	0	21.47	21.69	21.15		23	1	
20 16QAM	1	49	21.08	21.37	21.76				
20 16QAM	1	99	21.57	21.63	21.56				
20 16QAM	50	0	20.22	20.35	20.17				
20 16QAM	50	24	20.18	20.23	20.28		22	2	
20 16QAM	50	50	20.04	20.25	20.19				
20 16QAM	100	0	20.10	20.19	20.17				
20 64QAM	1	0	20.04	20.46	20.45		22	2	
20 64QAM	1	49	20.20	20.29	20.36				
20 64QAM	1	99	20.05	20.29	20.42				
20 64QAM	50	0	19.11	19.27	19.17		21	3	
20 64QAM	50	24	19.10	19.26	19.20				
20 64QAM	50	50	19.06	19.24	19.12				
20 64QAM	100	0	19.09	19.19	19.10				
Channel									
Frequency (MHz)				18975	18900	19125	Turn-up limit (dBm)	MPR (dB)	
15 QPSK	1	0	22.14	22.24	22.23		24	0	
15 QPSK	1	37	22.06	22.32	22.12				
15 QPSK	1	74	22.01	22.03	22.06				
15 QPSK	36	0	21.19	21.43	21.23		23	1	
15 QPSK	36	0	21.11	21.35	21.19				
15 QPSK	36	39	21.07	21.12	21.18				
15 QPSK	75	0	21.19	21.19	21.11				
15 16QAM	1	0	21.41	21.63	21.15		23	1	
15 16QAM	1	37	21.18	21.28	21.84				
15 16QAM	1	74	21.62	21.66	21.55				
15 16QAM	36	0	20.18	20.33	20.09		22	2	
15 16QAM	36	0	20.18	20.46	20.38				
15 16QAM	36	39	20.00	20.18	20.17				
15 16QAM	75	0	20.01	20.22	20.20				
15 64QAM	1	0	20.04	20.34	20.29		22	2	
15 64QAM	1	37	20.14	20.34	20.14				
15 64QAM	1	74	20.10	20.37	20.36				
15 64QAM	36	0	19.07	19.35	19.07		21	3	
15 64QAM	36	0	19.18	19.21	19.26				
15 64QAM	36	39	19.08	19.29	19.07				
15 64QAM	75	0	19.16	19.22	19.10				
Channel									
Frequency (MHz)				18950	18900	19150	Turn-up limit (dBm)	MPR (dB)	
10 QPSK	1	0	22.09	22.33	22.20		24	0	
10 QPSK	1	25	22.22	22.30	22.12				
10 QPSK	1	49	22.06	22.12	22.04				
10 QPSK	1	120	21.20	21.39	21.27		23	1	
10 QPSK	25	12	21.12	21.33	21.31				
10 QPSK	25	25	21.16	21.12	21.23				
10 QPSK	50	0	21.11	21.34	21.22		23	1	
10 16QAM	1	0	21.56	21.67	21.17				
10 16QAM	1	25	21.03	21.40	21.86		23	1	
10 16QAM	1	49	21.61	21.67	21.63				
10 16QAM	1	120	20.23	20.45	20.29		22	2	
10 16QAM	25	12	20.06	20.27	20.20				
10 16QAM	25	25	20.11	20.15	20.17				
10 16QAM	50	0	20.08	20.22	20.14				
10 64QAM	1	0	20.12	20.46	20.39		22	2	
10 64QAM	1	25	20.10	20.28	20.05				
10 64QAM	1	49	20.00	20.28	20.50				
10 64QAM	1	120	19.04	19.36	19.26		21	3	
10 64QAM	25	12	19.14	19.21	19.21				
10 64QAM	25	25	19.01	19.28	19.11				
10 64QAM	50	0	19.10	19.23	19.14				
Channel									
Frequency (MHz)				18925	18900	19175	Turn-up limit (dBm)	MPR (dB)	
5 QPSK	1	0	22.13	22.17	22.10		24	0	
5 QPSK	1	12	22.13	22.24	22.05				
5 QPSK	1	24	22.11	22.21	22.10				
5 QPSK	12	0	21.22	21.28	21.13		23	1	
5 QPSK	12	7	21.12	21.19	21.24				
5 QPSK	12	13	21.03	21.21	21.10				
5 QPSK	12	15	21.12	21.22	21.15				
5 16QAM	1	0	21.63	21.69	21.14		23	1	
5 16QAM	1	12	21.62	21.45	21.75				
5 16QAM	1	24	21.61	21.44	21.64				
5 16QAM	12	0	20.21	20.44	20.22		22	2	
5 16QAM	12	7	20.17	20.19	20.19				
5 16QAM	12	13	20.14	20.35	20.17				
5 16QAM	12	15	20.01	20.32	20.24				
5 64QAM	1	0	20.14	20.38	20.42		22	2	
5 64QAM	1	12	20.22	20.20	20.15				
5 64QAM	1	24	20.11	20.35	20.12				
5 64QAM	12	0	19.06	19.35	19.10		21	3	
5 64QAM	12	7	19.20	19.16	19.27				
5 64QAM	12	13	19.09	19.14	19.16				
5 64QAM	25	0	19.17	19.19	19.16				
Channel									
Frequency (MHz)				18915	18900	19165	Turn-up limit (dBm)	MPR (dB)	
3 QPSK	1	0	22.05	22.31	22.12		24	0	
3 QPSK	1	8	22.16	22.26	22.20				
3 QPSK	1	14	22.06	22.09	22.03				
3 QPSK	8	0	21.19	21.41	21.31		23	1	
3 QPSK	8	4	21.22	21.32	21.13				
3 QPSK	15	0	21.16	21.23	21.07				
3 QPSK	15	0	21.10	21.34	21.30				
3 16QAM	1	0	21.39	21.69	21.11		23	1	
3 16QAM	1	8	21.03	21.32	21.71				
3 16QAM	1	14	21.63	21.62	21.54				
3 16QAM	8	0	20.27	20.33	20.16		22	2	
3 16QAM	8	4	20.68	20.22	20.30				
3 16QAM	8	7	20.01	20.27	20.17				
3 16QAM	15	0	20.18	20.25	20.17				
3 64QAM	1	0	20.02	20.44	20.36		22	2	
3 64QAM	1	8	20.15	20.19	20.08				
3 64QAM	1	14	20.02	20.35	20.46				
3 64QAM	8	0	19.18	19.34	19.24		21	3	
3 64QAM	8	4	19.16	19.16	19.11				
3 64QAM	8	7	19.03	19.15	19.16				
3 64QAM	15	0	19.06	19.15	19.19				
Channel									
Frequency (MHz)				18907	18900	19193	Turn-up limit (dBm)	MPR (dB)	
1.4 QPSK	1	0	22.14	22.17	22.21		24	0	
1.4 QPSK	1	3	22.24	22.21	22.13				
1.4 QPSK	1	5	22.12	22.14	22.10				
1.4 QPSK	3	0	22.09	22.24	22.25				
1.4 QPSK	3	1	22.05	22.27	22.25				
1.4 QPSK	3	14	22.01	22.19	22.20		23	1	
1.4 QPSK	6	0	21.15	21.25	21.13				
1.4 16QAM	1	0	21.60	21.45	21.75		23	1	
1.4 16QAM	1	3	21.28	21.71	21.46				
1.4 16QAM	1	5	21.54	21.20	21.62				
1.4 16QAM	3	0	21.04	21.31	21.06		22	2	
1.4 16QAM	3	1	21.13	21.20	21.23				
1.4 16QAM	3	13	21.13	21.20	21.23				
1.4 16QAM	6	0	20.02	20.14	20.18				
1.4 64QAM	1	0	20.34	20.33	20.19		22	2	
1.4 64QAM	1	3	20.17	20.02	20.29				
1.4 64QAM	1	5	20.28	20.29	20.47				
1.4 64QAM	3	0	20.26	20.43	20.46		21	3	
1.4 64QAM	3	1	20.02	20.30	20.39				
1.4 64QAM	3	13	20.13	20.32	20.34				
1.4 64QAM	6	0	19.05	19.14	19.14				

Band 4(Other PA)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20050	20175	20300			
20 QPSK	1	0	22.27	22.42	22.27		24	0	
20 QPSK	1	49	22.13	22.33	22.05				
20 QPSK	1	99	22.19	22.28	22.17				
20 QPSK	50	0	21.47	21.48	21.42		23	1	
20 QPSK	50	24	21.46	21.43	21.33				
20 QPSK	50	50	21.41	21.40	21.32				
20 QPSK	100	0	21.38	21.43	21.46				
20 16QAM	1	0	21.85	21.53	21.27		23	1	
20 16QAM	1	49	21.84	21.47	21.45				
20 16QAM	1	99	21.29	21.45	21.42				
20 16QAM	50	0	20.37	20.37	20.39				
20 16QAM	50	24	20.41	20.40	20.34		22	2	
20 16QAM	50	50	20.39	20.45	20.33				
20 16QAM	100								

Band 5_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				20450	20525	20600						
				829	836.5	844						
10	QPSK	1	0	22.50	22.52	22.47	24	0				
10	QPSK	1	25	22.54	22.68	22.51						
10	QPSK	1	49	22.50	22.48	22.32						
10	QPSK	25	0	21.55	21.60	21.51						
10	QPSK	25	12	21.52	21.56	21.47	23	1				
10	QPSK	25	25	21.46	21.51	21.49						
10	QPSK	50	0	21.56	21.59	21.53						
10	16QAM	1	0	21.75	21.59	21.39						
10	16QAM	1	25	20.81	20.76	20.74	23	1				
10	16QAM	1	49	21.82	22.12	21.36						
10	16QAM	1	49	21.97	21.83	21.30						
10	16QAM	25	0	20.54	20.54	20.54						
10	16QAM	25	12	20.52	20.59	20.42	22	2				
10	16QAM	25	25	20.41	20.54	20.57						
10	16QAM	50	0	20.55	20.58	20.46						
10	64QAM	1	0	20.47	20.87	20.28						
10	64QAM	1	25	20.61	20.76	20.74	22	2				
10	64QAM	1	49	20.45	20.85	20.36						
10	64QAM	25	0	19.57	19.46	19.47						
10	64QAM	25	12	19.43	19.58	19.36						
10	64QAM	25	25	19.49	19.53	19.41	21	3				
10	64QAM	50	0	19.49	19.51	19.51						
Channel												
Frequency (MHz)				829.5	836.5	843.5				Turn-up limit (dBm)	MPR (dB)	
				829.5	836.5	843.5						
5	QPSK	1	0	22.55	22.47	22.45	24	0				
5	QPSK	1	12	22.61	22.64	22.53						
5	QPSK	1	24	21.61	21.54	21.58						
5	QPSK	12	0	21.61	21.54	21.58						
5	QPSK	12	7	21.51	21.57	21.51	23	1				
5	QPSK	12	13	21.48	21.57	21.54						
5	QPSK	25	0	21.63	21.65	21.47						
5	16QAM	1	0	21.67	21.69	21.49						
5	16QAM	1	12	21.84	22.09	21.27	23	1				
5	16QAM	1	24	21.87	21.93	21.33						
5	16QAM	12	0	20.55	20.55	20.46						
5	16QAM	12	7	20.59	20.61	20.52						
5	16QAM	12	13	20.33	20.61	20.54	22	2				
5	16QAM	25	0	20.57	20.52	20.48						
5	64QAM	1	0	20.38	20.84	20.23						
5	64QAM	1	12	20.72	20.69	20.73						
5	64QAM	1	24	20.44	20.59	20.46	22	2				
5	64QAM	12	0	19.67	19.37	19.40						
5	64QAM	12	7	19.49	19.53	19.48						
5	64QAM	12	13	19.46	19.53	19.31						
5	64QAM	25	0	19.51	19.43	19.56	21	3				
5	64QAM	25	12	19.43	19.53	19.31						
5	64QAM	25	25	19.49	19.53	19.36						
Channel												
Frequency (MHz)				20415	20525	20635	Turn-up limit (dBm)	MPR (dB)				
				828.5	836.5	843.5						
3	QPSK	1	0	22.48	22.51	22.36	24	0				
3	QPSK	1	8	22.57	22.48	22.41						
3	QPSK	1	14	22.51	22.52	22.31						
3	QPSK	8	0	21.47	21.62	21.54						
3	QPSK	8	4	21.60	21.65	21.45	23	1				
3	QPSK	8	7	21.36	21.53	21.44						
3	QPSK	15	0	21.60	21.56	21.50						
3	16QAM	1	0	21.85	21.53	21.43						
3	16QAM	1	8	21.84	22.13	21.29	23	1				
3	16QAM	1	14	21.91	21.89	21.40						
3	16QAM	8	0	20.59	20.49	20.57						
3	16QAM	8	4	20.50	20.68	20.44						
3	16QAM	8	7	20.38	20.44	20.62	22	2				
3	16QAM	15	0	20.49	20.50	20.47						
3	16QAM	12	0	20.48	20.80	20.38						
3	64QAM	1	8	20.81	20.85	20.72						
3	64QAM	1	14	20.50	20.80	20.46	22	2				
3	64QAM	8	0	19.52	19.53	19.37						
3	64QAM	8	4	19.48	19.60	19.32						
3	64QAM	8	7	19.47	19.59	19.31						
3	64QAM	15	0	19.44	19.44	19.44	21	3				
3	64QAM	15	0	19.44	19.44	19.44						
3	64QAM	15	0	19.44	19.44	19.44						
3	64QAM	15	0	19.44	19.44	19.44						
Channel												
Frequency (MHz)				20417 <th>20525</th> <th>20643</th> <th>Turn-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	20525	20643	Turn-up limit (dBm)	MPR (dB)				
				824.7 <th>836.5</th> <th>848.3</th> <th colspan="3"></th>	836.5	848.3						
1.4	QPSK	1	0	22.49	22.37	22.28	24	0				
1.4	QPSK	1	3	22.62	22.42	22.22						
1.4	QPSK	1	6	22.46	22.58	22.34						
1.4	QPSK	3	0	22.57	22.45	22.23						
1.4	QPSK	3	1	22.63	22.55	22.34	23	1				
1.4	QPSK	3	3	22.63	22.54	22.43						
1.4	QPSK	6	0	21.57	21.55	21.34						
1.4	16QAM	1	0	21.92	21.66	21.47						
1.4	16QAM	1	3	22.17	21.64	21.39	23	1				
1.4	16QAM	1	6	21.81	21.66	21.50						
1.4	16QAM	3	0	21.84	21.55	21.40						
1.4	16QAM	3	1	21.64	21.40	21.20						
1.4	16QAM	3	3	21.86	21.50	21.44	22	2				
1.4	16QAM	6	0	20.63	20.74	20.41						
1.4	64QAM	1	0	20.62	20.31	20.43						
1.4	64QAM	1	3	20.72	20.74	20.56						
1.4	64QAM	1	6	20.72	20.28	20.36	22	2				
1.4	64QAM	3	0	20.80	20.53	20.38						
1.4	64QAM	3	1	20.62	20.51	20.54						
1.4	64QAM	6	0	19.51	19.42	19.27						

Band 5_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch/Freq	Power Mid Ch/Freq	Power High Ch/Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				20450	20500	20550						
				829	836.5	844						
10	QPSK	1	0	22.14	22.08	22.14	24	0				
10	QPSK	1	25	22.08	22.10	22.17						
10	QPSK	1	49	22.24	22.16	22.17						
10	QPSK	25	0	21.27	21.30	21.35						
10	QPSK	25	12	21.22	21.23	21.21	23	1				
10	QPSK	25	25	21.20	21.24	21.25						
10	QPSK	50	0	21.27	21.30	21.28						
10	16QAM	1	0	21.23	21.79	21.39						
10	16QAM	1	25	21.35	21.81	21.10	23	1				
10	16QAM	1	49	21.48	21.76	21.33						
10	16QAM	25	0	20.24	20.22	20.21						
10	16QAM	25	12	20.25	20.17	20.14						
10	16QAM	25	25	20.13	20.24	20.15	22	2				
10	16QAM	50	0	20.14	20.24	20.23						
10	64QAM	1	0	20.15	20.24	20.27						
10	64QAM	1	25	20.49	20.51	20.48						
10	64QAM	1	49	20.41	20.44	20.39	21	3				
10	64QAM	25	0	19.15	19.24	19.32						
10	64QAM	25	12	19.16	19.20	19.15						
10	64QAM	25	25	19.26	19.14	19.22						
10	64QAM	50	0	19.17	19.22	19.17						
Channel												
Frequency (MHz)				828.5	836.5	843.5	Turn-up limit (dBm)	MPR (dB)				
5	QPSK	1	0	22.19	22.06	22.08	24	0				
5	QPSK	1	12	22.20	22.24	22.19						
5	QPSK	1	24	22.24	22.21	22.23						
5	QPSK	12	0	21.29	21.29	21.36						
5	QPSK	12	7	21.24	21.19	21.18	23	1				
5	QPSK	12	13	21.27	21.20	21.24						
5	QPSK	25	0	21.20	21.27	21.37						
5	16QAM	1	0	21.19	21.88	21.36						
5	16QAM	1	12	21.48	21.80	21.16	23	1				
5	16QAM	1	24	21.46	21.73	21.29						
5	16QAM	12	0	20.27	20.29	20.21						
5	16QAM	12	7	20.34	20.31	20.30						
5	16QAM	12	13	20.21	20.32	20.21	22	2				
5	16QAM	25	0	20.24	20.29	20.27						
5	16QAM	25	12	20.24	20.29	20.27						
5	64QAM	1	12	20.42	20.43	20.45						
5	64QAM	1	24	20.47	20.51	20.29	22	2				
5	64QAM	12	0	19.11	19.25	19.31						
5	64QAM	12	7	19.09	19.15	19.17						
5	64QAM	12	13	19.02	19.10	19.12						
5	64QAM	25	0	19.10	19.24	19.24	21	3				
Channel												
Frequency (MHz)				828.5	836.5	847.5				Turn-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	22.19	22.07	22.23				23	0	
3	QPSK	1	8	22.17	22.06	22.29						
3	QPSK	1	14	22.14	22.26	22.30						
3	QPSK	8	0	21.17	21.23	21.20						
3	QPSK	8	4	21.29	21.21	21.16	23	1				
3	QPSK	8	7	21.11	21.15	21.26						
3	QPSK	15	0	21.31	21.25	21.33						
3	16QAM	1	0	21.14	21.72	21.36						
3	16QAM	1	8	21.42	21.77	21.15	23	1				
3	16QAM	1	14	21.45	21.65	21.25						
3	16QAM	8	0	20.18	20.15	20.26						
3	16QAM	8	4	20.24	20.20	20.14						
3	16QAM	8	7	20.13	20.15	20.27	22	2				
3	16QAM	15	0	20.11	20.32	20.23						
3	16QAM	1	0	20.17	20.30	20.42						
3	64QAM	1	8	20.43	20.59	20.46						
3	64QAM	1	14	20.37	20.41	20.41	22	2				
3	64QAM	8	0	19.18	19.33	19.41						
3	64QAM	8	4	19.08	19.28	19.13						
3	64QAM	8	7	19.32	19.08	19.28						
3	64QAM	15	0	19.14	19.29	19.30	21	3				
Channel												
Frequency (MHz)				20407	20525	20643				Turn-up limit (dBm)	MPR (dB)	
				824.7	836.5	848.3						
1.4	QPSK	1	0	22.19	22.08	22.11	24			0		
1.4	QPSK	1	3	22.30	22.12	22.08						
1.4	QPSK	1	22.11	22.26	22.22	22.20						
1.4	QPSK	3	0	22.26	22.23	22.24						
1.4	QPSK	3	1	22.17	22.20	22.23	23	1				
1.4	QPSK	3	11	22.14	22.25	22.20						
1.4	QPSK	6	0	21.26	21.18	21.21						
1.4	16QAM	1	0	21.43	21.56	21.60						
1.4	16QAM	1	3	21.40	21.71	21.18	23	1				
1.4	16QAM	1	22	21.82	21.76	21.64						
1.4	16QAM	3	0	21.22	21.08	21.27						
1.4	16QAM	3	1	21.10	21.15	21.20						
1.4	16QAM	3	3	21.26	21.27	21.13	22	2				
1.4	16QAM	3	20.27	20.38	20.39							
1.4	64QAM	1	0	20.48	20.38	20.50						
1.4	64QAM	1	0	20.47	20.52	20.15						
1.4	64QAM	3	0	20.21	20.22	20.26	22	2				
1.4	64QAM	3	3	20.40	20.29	20.37						
1.4	64QAM	3	1	20.38	20.01	20.45						
1.4	64QAM	3	3	20.32	20.19	20.31						

Band 12_Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.13	22.16	22.21	24	0				
10	QPSK	1	25	22.12	22.15	22.20						
10	QPSK	1	49	22.17	22.24	22.23						
10	QPSK	25	0	21.28	21.27	21.28	23	1				
10	QPSK	25	12	21.26	21.19	21.21						
10	QPSK	25	25	21.24	21.22	21.15						
10	QPSK	50	0	21.22	21.24	21.16	23	1				
10	16QAM	1	0	21.40	21.01	21.14						
10	16QAM	1	25	21.32	21.43	21.56						
10	16QAM	1	49	21.41	21.38	21.77	22	2				
10	16QAM	25	0	20.19	20.19	20.17						
10	16QAM	25	12	20.28	20.20	20.28						
10	16QAM	25	25	20.38	20.21	20.14	22	2				
10	16QAM	50	0	20.20	20.19	20.14						
10	64QAM	1	0	20.22	20.39	20.49						
10	64QAM	1	25	20.32	20.19	20.26	21	3				
10	64QAM	1	49	20.47	20.43	20.40						
10	64QAM	25	0	19.16	19.13	19.18						
10	64QAM	25	12	19.11	19.16	19.29	21	3				
10	64QAM	25	25	19.28	19.21	19.26						
10	64QAM	50	0	19.11	19.16	19.14						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.17	22.17	22.25	24	0				
5	QPSK	1	12	22.22	22.10	22.19						
5	QPSK	1	24	22.12	22.19	22.28						
5	QPSK	12	0	21.32	21.36	21.40	23	1				
5	QPSK	12	7	21.20	21.29	21.11						
5	QPSK	12	13	21.19	21.19	21.25						
5	QPSK	25	0	21.23	21.18	21.11	23	1				
5	16QAM	1	0	21.34	21.03	21.21						
5	16QAM	1	12	21.46	21.46	21.63						
5	16QAM	1	24	21.44	21.67	21.78	22	2				
5	16QAM	12	0	20.26	20.12	20.18						
5	16QAM	12	7	20.18	20.33	20.49						
5	16QAM	12	13	20.30	20.25	20.08	22	2				
5	16QAM	25	0	20.21	20.18	20.08						
5	16QAM	25	12	20.31	20.29	20.32						
5	64QAM	1	24	20.38	20.42	20.44	21	3				
5	64QAM	12	0	19.07	19.11	19.15						
5	64QAM	12	7	19.16	19.18	19.22						
5	64QAM	12	13	19.35	19.24	19.34	21	3				
5	64QAM	25	0	19.06	19.11	19.06						
5	64QAM	25	0	19.06	19.19	19.20						
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.13	22.26	22.25	24	0				
3	QPSK	1	8	22.21	22.24	22.16						
3	QPSK	1	14	22.11	22.28	22.18						
3	QPSK	8	0	21.25	21.33	21.27	23	1				
3	QPSK	8	4	21.16	21.24	21.13						
3	QPSK	8	7	21.30	21.24	21.25						
3	QPSK	15	0	21.24	21.33	21.27	23	1				
3	16QAM	1	0	21.37	21.09	21.09						
3	16QAM	1	8	21.65	21.65	21.50						
3	16QAM	1	14	21.44	21.67	21.84	22	2				
3	16QAM	8	0	20.11	20.18	20.26						
3	16QAM	8	4	20.31	20.16	20.19						
3	16QAM	8	7	20.34	20.11	20.21	22	2				
3	16QAM	15	0	20.21	20.27	20.07						
3	64QAM	1	0	20.24	20.42	20.48						
3	64QAM	1	8	20.35	20.20	20.36	21	3				
3	64QAM	1	14	20.38	20.39	20.30						
3	64QAM	8	0	19.14	19.10	19.27						
3	64QAM	8	4	19.22	19.23	19.29	21	3				
3	64QAM	8	7	19.22	19.18	19.31						
3	64QAM	15	0	19.09	19.11	19.06						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	22.26	22.21	22.25	24	0				
1.4	QPSK	1	3	22.13	22.27	22.08						
1.4	QPSK	1	6	22.19	22.10	22.25						
1.4	QPSK	3	0	22.17	22.23	22.18	23	1				
1.4	QPSK	3	1	22.27	22.27	22.29						
1.4	QPSK	3	3	22.16	22.20	22.25						
1.4	QPSK	6	0	21.29	21.17	21.24	23	1				
1.4	16QAM	1	0	21.83	21.70	21.44						
1.4	16QAM	1	3	21.20	21.09	21.87						
1.4	16QAM	1	6	21.67	21.21	21.76	22	2				
1.4	16QAM	3	0	21.03	21.09	21.30						
1.4	16QAM	3	1	21.16	21.18	21.08						
1.4	16QAM	3	3	21.29	21.04	21.11	22	2				
1.4	16QAM	6	0	20.24	20.21	20.17						
1.4	64QAM	1	0	20.62	20.53	20.50						
1.4	64QAM	1	3	20.65	20.36	20.31	22	2				
1.4	64QAM	1	6	20.19	20.42	20.19						
1.4	64QAM	3	0	20.38	20.32	20.18						
1.4	64QAM	3	1	20.18	20.37	20.34	21	3				
1.4	64QAM	3	3	20.32	20.26	20.30						
1.4	64QAM	6	0	19.17	19.12	19.17						

Band 13_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.39	782		24	0	
10	QPSK	1	25	22.63					
10	QPSK	1	49	22.51					
10	QPSK	25	0	21.55			23	1	
10	QPSK	25	12	21.46					
10	QPSK	25	25	21.50					
10	QPSK	50	0	21.54			23	1	
10	16QAM	1	0	21.32					
10	16QAM	1	25	22.05					
10	16QAM	1	49	21.66			22	2	
10	16QAM	25	0	20.47					
10	16QAM	25	12	20.56					
10	16QAM	25	25	20.53			22	2	
10	16QAM	50	0	20.51					
10	64QAM	1	0	20.57					
10	64QAM	1	25	20.55			22	2	
10	64QAM	1	49	20.54					
10	64QAM	25	0	19.48					
10	64QAM	25	12	19.55			21	3	
10	64QAM	25	25	19.47					
10	64QAM	50	0	19.49					
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.39	782	784.5	24	0	
5	QPSK	1	12	22.49	22.44	22.51			
5	QPSK	1	24	22.54	22.60	22.53			
5	QPSK	12	0	21.44	21.44	21.49	23	1	
5	QPSK	12	7	21.45	21.47	21.49			
5	QPSK	12	13	21.41	21.43	21.44			
5	QPSK	25	0	21.45	21.47	21.49	23	1	
5	16QAM	1	0	22.03	21.46	21.43			
5	16QAM	1	12	21.95	21.87	21.46			
5	16QAM	1	24	21.82	21.96	21.79	22	2	
5	16QAM	12	0	20.39	20.35	20.43			
5	16QAM	12	7	20.28	20.43	20.36	22	2	
5	16QAM	12	13	20.41	20.32	20.42			
5	16QAM	25	0	20.38	20.35	20.48			
5	64QAM	1	0	20.42	20.42	20.88	22	2	
5	64QAM	1	12	20.70	20.50	20.76			
5	64QAM	1	24	20.76	20.76	20.61			
5	64QAM	12	0	19.45	19.45	19.34	21	3	
5	64QAM	12	7	19.42	19.42	19.47			
5	64QAM	12	13	19.34	19.35	19.47			
5	64QAM	25	0	19.47	19.47	19.37	21	3	
5	64QAM	25	12	19.47	19.47	19.47			
5	64QAM	25	25	19.47	19.47	19.47			

Band 25_Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.38	22.41	22.42	24	0						
20	QPSK	1	48	22.40	22.43	22.45								
20	QPSK	1	96	22.44	22.39	22.35								
20	QPSK	50	0	21.55	21.57	21.52								
20	QPSK	5	24	21.56	21.60	21.62	23	1						
20	QPSK	50	50	21.48	21.48	21.36								
20	QPSK	100	0	21.45	21.50	21.43								
20	16QAM	1	0	21.56	21.59	21.50								
20	16QAM	1	48	22.00	22.07	21.76	23	1						
20	16QAM	1	96	21.85	21.89	21.30								
20	16QAM	50	0	20.46	20.62	20.53								
20	16QAM	50	24	20.54	20.51	20.61								
20	16QAM	50	50	20.49	20.46	20.42	22	2						
20	16QAM	100	0	20.44	20.47	20.45								
20	64QAM	1	0	20.50	20.44	20.80								
20	64QAM	1	48	20.70	20.37	20.34								
20	64QAM	1	96	20.65	20.64	20.44	21	3						
20	64QAM	50	0	19.43	19.50	19.46								
20	64QAM	50	24	19.47	19.43	19.49								
20	64QAM	50	50	19.50	19.45	19.20								
20	64QAM	100	0	19.41	19.35	19.36								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.43	22.53	22.53	24	0						
15	QPSK	1	37	22.45	22.45	22.40								
15	QPSK	1	74	22.44	22.42	22.45								
15	QPSK	36	0	21.57	21.63	21.43								
15	QPSK	36	25	21.54	21.40	21.38	23	1						
15	QPSK	36	39	21.54	21.47	21.27								
15	QPSK	75	0	21.53	21.55	21.52								
15	16QAM	1	0	21.46	21.57	21.58								
15	16QAM	1	37	22.05	21.97	21.67	23	1						
15	16QAM	1	74	21.81	21.90	21.20								
15	16QAM	36	0	20.40	20.72	20.43								
15	16QAM	36	25	20.60	20.42	20.66								
15	16QAM	36	39	20.58	20.44	20.39	22	2						
15	16QAM	75	0	20.36	20.52	20.36								
15	64QAM	1	0	20.48	20.45	20.84								
15	64QAM	1	37	20.63	20.33	20.41								
15	64QAM	1	74	20.71	20.60	20.34	22	2						
15	64QAM	36	0	19.45	19.56	19.44								
15	64QAM	36	25	19.45	19.33	19.54								
15	64QAM	36	39	19.47	19.40	19.24								
15	64QAM	75	0	19.42	19.45	19.39	21	3						
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.34	22.33	22.33	24	0						
10	QPSK	1	25	22.56	22.43	22.45								
10	QPSK	1	49	22.42	22.49	22.40								
10	QPSK	25	0	21.59	21.58	21.56								
10	QPSK	25	12	21.57	21.53	21.50	23	1						
10	QPSK	25	25	21.50	21.39	21.41								
10	QPSK	50	0	21.46	21.54	21.47								
10	16QAM	1	0	21.59	22.07	21.44								
10	16QAM	1	25	22.02	21.99	21.76	23	1						
10	16QAM	1	49	21.82	21.89	21.27								
10	16QAM	25	0	20.55	20.61	20.62								
10	16QAM	25	12	20.60	20.60	20.51								
10	16QAM	25	25	20.39	20.48	20.40	22	2						
10	16QAM	50	0	20.46	20.54	20.45								
10	16QAM	1	0	20.55	20.40	20.73								
10	64QAM	1	25	20.62	20.32	20.44								
10	64QAM	1	49	20.64	20.67	20.45	22	2						
10	64QAM	25	0	19.39	19.64	19.41								
10	64QAM	25	12	19.38	19.47	19.43								
10	64QAM	25	25	19.51	19.42	19.35								
10	64QAM	50	0	19.45	19.45	19.26	21	3						
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.39	22.31	22.52	24	0						
5	QPSK	1	12	22.44	22.53	22.48								
5	QPSK	1	24	22.46	22.45	22.46								
5	QPSK	12	0	21.60	21.57	21.58								
5	QPSK	12	7	21.45	21.54	21.35	23	1						
5	QPSK	12	13	21.49	21.39	21.30								
5	QPSK	25	0	21.54	21.57	21.46								
5	16QAM	1	0	21.46	22.07	21.59								
5	16QAM	1	12	22.07	22.11	21.83	23	1						
5	16QAM	1	24	21.56	21.69	21.41								
5	16QAM	12	0	20.46	20.59	20.53								
5	16QAM	12	7	20.48	20.44	20.64								
5	16QAM	12	13	20.45	20.37	20.39	22	2						
5	16QAM	25	0	20.35	20.37	20.36								
5	64QAM	1	0	20.47	20.40	20.88								
5	64QAM	1	12	20.69	20.33	20.40								
5	64QAM	1	24	20.64	20.73	20.40	22	2						
5	64QAM	12	0	19.38	19.60	19.55								
5	64QAM	12	7	19.44	19.47	19.59								
5	64QAM	12	13	19.56	19.45	19.32								
5	64QAM	25	0	19.48	19.44	19.28	21	3						
Channel														
Frequency (MHz)														
3	QPSK	1	0	22.29	22.34	22.33	24	0						
3	QPSK	1	8	22.37	22.48	22.55								
3	QPSK	1	14	22.34	22.49	22.36								
3	QPSK	8	0	21.63	21.58	21.49								
3	QPSK	8	4	21.41	21.58	21.39	23	1						
3	QPSK	8	7	21.57	21.43	21.29								
3	QPSK	15	0	21.39	21.49	21.50								
3	16QAM	1	0	21.49	21.97	21.47								
3	16QAM	1	8	22.07	22.04	21.84	23	1						
3	16QAM	1	14	21.76	21.83	21.24								
3	16QAM	8	0	20.45	20.65	20.58								
3	16QAM	8	4	20.44	20.50	20.58								
3	16QAM	8	7	20.50	20.39	20.38	22	2						
3	16QAM	15	0	20.44	20.47	20.30								
3	64QAM	1	0	20.57	20.39	20.88								
3	64QAM	1	8	20.60	20.30	20.30								
3	64QAM	1	14	20.73	20.60	20.40	22	2						
3	64QAM	8	0	19.48	19.65	19.43								
3	64QAM	8	4	19.50	19.46	19.56								
3	64QAM	8	7	19.51	19.47	19.37								
3	64QAM	15	0	19.48	19.44	19.44	21	3						
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	22.48	22.52	22.52	24	0						
1.4	QPSK	1	3	22.55	22.56	22.46								
1.4	QPSK	1	5	22.47	22.60	22.64								
1.4	QPSK	3	0	22.46	22.50	22.64								
1.4	QPSK	3	1	22.50	22.58	22.56	23	1						
1.4	QPSK	3	1	22.51	22.59	22.59								
1.4	QPSK	6	0	21.40	21.57	21.52								
1.4	16QAM	1	0	22.00	21.71	21.86								
1.4	16QAM	1	3	21.50	21.63	21.92	23	1						
1.4	16QAM	1	5	21.70	22.11									

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				130072	130322	130572			
20	QPSK	1	0	22.34	22.26	22.26	24	0	
20	QPSK	1	49	22.17	22.03	22.03			
20	QPSK	1	99	22.31	22.19	22.27			
20	QPSK	50	0	21.48	21.49	21.41			
20	QPSK	50	24	21.47	21.42	21.51	23	1	
20	QPSK	50	50	21.40	21.31	21.27			
20	QPSK	100	0	21.32	21.38	21.33			
20	16QAM	1	0	21.86	21.78	21.90			
20	16QAM	1	49	21.68	21.49	21.83	23	1	
20	16QAM	1	99	21.27	21.38	21.74			
20	16QAM	50	0	20.39	20.44	20.41			
20	16QAM	50	24	20.43	20.36	20.59			
20	16QAM	50	50	20.27	20.35	20.19	22	2	
20	16QAM	100	0	20.38	20.35	20.26			
20	64QAM	1	0	20.63	20.63	20.39			
20	64QAM	1	49	20.53	20.62	20.62			
20	64QAM	1	99	20.57	20.26	20.40	21	3	
20	64QAM	50	0	19.31	19.39	19.38			
20	64QAM	50	24	19.36	19.40	19.42			
20	64QAM	50	50	19.33	19.27	19.25			
20	64QAM	100	0	19.31	19.26	19.28			
Channel									
Frequency (MHz)				130447	130322	130597	Turn-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.44	22.33	22.33	24	0	
15	QPSK	1	37	22.47	22.34	22.29			
15	QPSK	1	74	22.32	22.13	22.29			
15	QPSK	36	0	21.63	21.44	21.51			
15	QPSK	36	20	21.44	21.37	21.38	23	1	
15	QPSK	36	39	21.41	21.41	21.31			
15	QPSK	75	0	21.25	21.40	21.37			
15	16QAM	1	0	21.62	21.62	21.62			
15	16QAM	1	37	21.90	21.34	21.40	23	1	
15	16QAM	1	74	21.23	21.28	21.83			
15	16QAM	36	0	20.40	20.46	20.43			
15	16QAM	36	20	20.51	20.36	20.49			
15	16QAM	36	39	20.17	20.40	20.19	22	2	
15	16QAM	75	0	20.35	20.34	20.36			
15	64QAM	1	0	20.69	20.69	20.46			
15	64QAM	1	37	20.52	20.72	20.58			
15	64QAM	1	74	20.58	20.30	20.36	22	2	
15	64QAM	36	0	19.34	19.44	19.31			
15	64QAM	36	20	19.34	19.30	19.40			
15	64QAM	36	39	19.29	19.32	19.35			
15	64QAM	75	0	19.38	19.24	19.27	21	3	
15	64QAM	75	0	19.38	19.24	19.27			
15	64QAM	75	0	19.38	19.24	19.27			
15	64QAM	75	0	19.38	19.24	19.27			
Channel									
Frequency (MHz)				130522	130322	130627	Turn-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.30	22.27	22.35	24	0	
10	QPSK	1	25	22.43	22.24	22.39			
10	QPSK	1	49	22.27	22.14	22.31			
10	QPSK	1	24	22.15	21.54	21.49			
10	QPSK	25	12	21.47	21.42	21.32	23	1	
10	QPSK	25	28	21.49	21.21	21.27			
10	QPSK	50	0	21.24	21.31	21.27			
10	QPSK	50	24	21.68	21.94	21.95			
10	16QAM	1	25	21.60	21.48	21.21	23	1	
10	16QAM	1	49	21.20	21.42	21.76			
10	16QAM	25	0	20.29	20.45	20.37			
10	16QAM	25	12	20.43	20.35	20.37			
10	16QAM	25	25	20.34	20.27	20.15	22	2	
10	16QAM	50	0	20.38	20.39	20.31			
10	64QAM	1	0	20.47	20.40	20.41			
10	64QAM	1	25	20.45	20.58	20.59			
10	64QAM	1	49	20.50	20.23	20.42	22	2	
10	64QAM	25	0	19.27	19.41	19.35			
10	64QAM	25	12	19.35	19.49	19.49			
10	64QAM	25	25	19.25	19.35	19.25			
10	64QAM	50	0	19.41	19.23	19.35	21	3	
10	64QAM	50	0	19.41	19.23	19.35			
10	64QAM	50	0	19.41	19.23	19.35			
10	64QAM	50	0	19.41	19.23	19.35			
Channel									
Frequency (MHz)				130597	130322	130677	Turn-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.25	22.25	22.35	24	0	
5	QPSK	1	12	22.27	22.30	22.33			
5	QPSK	1	24	22.25	22.15	22.33			
5	QPSK	12	0	21.55	21.53	21.51			
5	QPSK	12	7	21.54	21.53	21.49	23	1	
5	QPSK	12	13	21.44	21.39	21.52			
5	QPSK	12	24	21.36	21.41	21.36			
5	16QAM	1	0	21.83	21.87	21.88			
5	16QAM	1	12	21.88	21.86	21.85	23	1	
5	16QAM	1	24	21.38	21.47	21.46			
5	16QAM	12	0	20.45	20.49	20.41			
5	16QAM	12	7	20.53	20.41	20.40			
5	16QAM	12	13	20.33	20.35	20.17	22	2	
5	16QAM	25	0	20.43	20.40	20.17			
5	16QAM	25	0	20.46	20.55	20.29			
5	64QAM	1	12	20.49	20.59	20.78			
5	64QAM	1	24	20.67	20.18	20.46	22	2	
5	64QAM	12	0	19.27	19.46	19.39			
5	64QAM	12	7	19.27	19.41	19.48			
5	64QAM	12	13	19.39	19.33	19.23			
5	64QAM	25	0	19.38	19.35	19.21	21	3	
5	64QAM	25	0	19.38	19.35	19.21			
5	64QAM	25	0	19.38	19.35	19.21			
5	64QAM	25	0	19.38	19.35	19.21			
Channel									
Frequency (MHz)				130677	130322	130697	Turn-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	22.25	22.27	22.18	24	0	
3	QPSK	1	8	22.43	22.20	22.24			
3	QPSK	1	14	22.26	22.29	22.20			
3	QPSK	8	0	21.47	21.55	21.46			
3	QPSK	8	4	21.52	21.50	21.36	23	1	
3	QPSK	8	7	21.47	21.21	21.17			
3	QPSK	15	0	21.27	21.31	21.42			
3	16QAM	1	0	21.96	21.88	21.95			
3	16QAM	1	8	21.80	21.35	21.36	23	1	
3	16QAM	1	14	21.36	21.36	21.66			
3	16QAM	8	0	20.42	20.51	20.43			
3	16QAM	8	4	20.37	20.31	20.38			
3	16QAM	8	7	20.37	20.41	20.37	22	2	
3	16QAM	15	0	20.41	20.27	20.35			
3	64QAM	1	0	20.43	20.53	20.32			
3	64QAM	1	8	20.47	20.64	20.63			
3	64QAM	25	0	20.66	20.22	20.34	22	2	
3	64QAM	8	0	19.28	19.36	19.41			
3	64QAM	8	4	19.44	19.31	19.34			
3	64QAM	8	7	19.27	19.23	19.33			
3	64QAM	15	0	19.27	19.18	19.31	21	3	
3	64QAM	15	0	19.27	19.18	19.31			
3	64QAM	15	0	19.27	19.18	19.31			
3	64QAM	15	0	19.27	19.18	19.31			
Channel									

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	22.42	22.46	22.52	24	0	
20	QPSK	1	49	22.62	22.69	22.67			
20	QPSK	1	99	22.61	22.60	22.58			
20	QPSK	50	0	21.80	21.86	21.79	23	1	
20	QPSK	50	24	21.78	21.76	21.72			
20	QPSK	50	50	21.76	21.78	21.78			
20	QPSK	100	0	21.78	21.83	21.75	23	1	
20	16QAM	1	0	21.86	21.74	21.84			
20	16QAM	1	49	21.91	21.94	21.99			
20	16QAM	1	99	21.90	21.87	21.88	23	1	
20	16QAM	50	0	20.75	20.74	20.78			
20	16QAM	50	24	20.85	20.82	20.83			
20	16QAM	50	50	20.80	20.81	20.82	22	2	
20	16QAM	100	0	20.76	20.70	20.77			
20	64QAM	1	0	20.38	20.40	20.44			
20	64QAM	1	49	20.58	20.53	20.61	22	2	
20	64QAM	1	99	20.52	20.53	20.53			
20	64QAM	50	0	19.75	19.71	19.78			
20	64QAM	50	24	19.81	19.80	19.80	21	3	
20	64QAM	50	50	19.75	19.77	19.77			
20	64QAM	100	0	19.72	19.71	19.79			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.48	22.44	22.52	24	0	
15	QPSK	1	37	22.48	22.56	22.64			
15	QPSK	1	74	22.52	22.48	22.64			
15	QPSK	36	0	21.85	21.83	21.83	23	1	
15	QPSK	36	20	21.76	21.70	21.84			
15	QPSK	36	39	21.79	21.71	21.79			
15	QPSK	75	0	21.71	21.80	21.80	23	1	
15	16QAM	1	0	21.61	21.65	21.93			
15	16QAM	1	37	21.93	21.94	21.89			
15	16QAM	1	74	21.85	21.94	21.96	23	1	
15	16QAM	36	0	20.73	20.72	20.80			
15	16QAM	36	20	20.81	20.85	20.93			
15	16QAM	36	39	20.87	20.71	20.86	22	2	
15	16QAM	75	0	20.78	20.81	20.87			
15	64QAM	1	0	20.36	20.41	20.43			
15	64QAM	1	37	20.63	20.61	20.68	22	2	
15	64QAM	1	74	20.53	20.51	20.48			
15	64QAM	36	0	19.75	19.66	19.69			
15	64QAM	36	20	19.87	19.81	19.71	21	3	
15	64QAM	36	39	19.84	19.67	19.68			
15	64QAM	75	0	19.68	19.73	19.83			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.35	22.56	22.61	24	0	
10	QPSK	1	25	22.48	22.55	22.63			
10	QPSK	1	49	22.44	22.53	22.66			
10	QPSK	25	0	21.75	21.93	21.88	23	1	
10	QPSK	25	12	21.69	21.83	21.79			
10	QPSK	25	25	21.70	21.72	21.68			
10	QPSK	50	0	21.86	21.75	21.71	23	1	
10	16QAM	1	0	21.71	21.67	21.84			
10	16QAM	1	25	21.89	22.02	22.08			
10	16QAM	1	49	21.90	21.99	21.94	23	1	
10	16QAM	25	0	20.83	20.66	20.74			
10	16QAM	25	12	20.90	20.80	20.81			
10	16QAM	25	25	20.73	20.91	20.89	22	2	
10	16QAM	50	0	20.74	20.65	20.78			
10	64QAM	1	0	20.30	20.31	20.47			
10	64QAM	1	25	20.61	20.61	20.59	22	2	
10	64QAM	1	49	20.58	20.46	20.50			
10	64QAM	25	0	19.74	19.61	19.75			
10	64QAM	25	12	19.83	19.80	19.73	21	3	
10	64QAM	25	25	19.81	19.77	19.73			
10	64QAM	50	0	19.64	19.67	19.87			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.35	22.41	22.46	24	0	
5	QPSK	1	12	22.60	22.55	22.64			
5	QPSK	1	24	22.55	22.47	22.67			
5	QPSK	12	0	21.74	21.76	21.73	23	1	
5	QPSK	12	7	21.83	21.78	21.63			
5	QPSK	12	13	21.83	21.75	21.70			
5	QPSK	25	0	21.70	21.74	21.78	23	1	
5	16QAM	1	0	21.62	21.83	21.75			
5	16QAM	1	12	21.99	21.98	22.02			
5	16QAM	1	24	21.90	21.93	21.96	23	1	
5	16QAM	12	0	20.76	20.76	20.87			
5	16QAM	12	7	20.91	20.87	20.87			
5	16QAM	12	13	20.79	20.76	20.86	22	2	
5	16QAM	25	0	20.71	20.66	20.72			
5	64QAM	1	0	20.43	20.42	20.34			
5	64QAM	1	12	20.65	20.51	20.62	22	2	
5	64QAM	1	24	20.51	20.46	20.49			
5	64QAM	12	0	19.68	19.65	19.79			
5	64QAM	12	7	19.71	19.77	19.89	21	3	
5	64QAM	12	13	19.81	19.85	19.79			
5	64QAM	25	0	19.68	19.72	19.71			

Band 38(Other PA)_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	22.84	22.89	22.98	24	0	
20	QPSK	1	49	23.07	23.15	23.10			
20	QPSK	1	99	23.05	23.02	23.06			
20	QPSK	50	0	22.26	22.33	22.22	23	1	
20	QPSK	50	24	22.24	22.19	22.13			
20	QPSK	50	50	22.23	22.21	22.21			
20	QPSK	100	0	22.23	22.24	22.19	23	1	
20	16QAM	1	0	22.08	22.14	22.28			
20	16QAM	1	49	22.39	22.37	22.41			
20	16QAM	1	99	22.31	22.28	22.32	22	2	
20	16QAM	50	0	21.14	21.20	21.19			
20	16QAM	50	24	21.24	21.21	21.27			
20	16QAM	50	50	21.25	21.25	21.27	21	3	
20	16QAM	100	0	21.22	21.15	21.16			
20	64QAM	1	0	20.80	20.79	20.88			
20	64QAM	1	49	20.99	20.91	21.03	22	2	
20	64QAM	1	99	20.91	20.96	20.97			
20	64QAM	50	0	20.14	20.10	20.19			
20	64QAM	50	24	20.24	20.22	20.18	21	3	
20	64QAM	50	50	20.16	20.20	20.19			
20	64QAM	100	0	20.14	20.15	20.18			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.88	22.83	22.95	24	0	
15	QPSK	1	37	22.78	22.98	22.92			
15	QPSK	1	74	22.86	22.99	22.97			
15	QPSK	36	0	22.36	22.28	22.15	23	1	
15	QPSK	36	20	22.25	22.14	22.19			
15	QPSK	36	39	22.22	22.31	22.27			
15	QPSK	75	0	22.18	22.24	22.37	23	1	
15	16QAM	1	0	22.02	22.14	22.25			
15	16QAM	1	37	22.46	22.39	22.37			
15	16QAM	1	74	22.44	22.48	22.44	22	2	
15	16QAM	36	0	21.17	21.18	21.11			
15	16QAM	36	20	21.33	21.11	21.34			
15	16QAM	36	39	21.16	21.15	21.35	21	3	
15	16QAM	75	0	21.18	21.10	21.20			
15	64QAM	1	0	20.83	20.82	20.94			
15	64QAM	1	37	21.05	20.84	21.05	22	2	
15	64QAM	1	74	20.94	20.86	20.94			
15	64QAM	36	0	20.09	20.05	20.25			
15	64QAM	36	20	20.16	20.22	20.10	21	3	
15	64QAM	36	39	20.20	20.15	20.20			
15	64QAM	75	0	20.20	20.09	20.25			
Channel				37800 <th>38000<th>38200</th><th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	38000 <th>38200</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.94	22.97	23.08	24	0	
10	QPSK	1	25	22.91	22.96	23.01			
10	QPSK	1	49	22.90	22.93	23.00			
10	QPSK	25	0	22.17	22.39	22.28	23	1	
10	QPSK	25	12	22.28	22.29	22.05			
10	QPSK	25	25	22.18	22.31	22.29			
10	QPSK	50	0	22.16	22.26	22.17	23	1	
10	16QAM	1	0	22.17	22.07	22.35			
10	16QAM	1	25	22.36	22.28	22.42			
10	16QAM	1	49	22.24	22.37	22.23	22	2	
10	16QAM	25	0	21.10	21.30	21.11			
10	16QAM	25	12	21.16	21.31	21.26			
10	16QAM	25	25	21.28	21.20	21.25	21	3	
10	16QAM	50	0	21.25	21.11	21.08			
10	64QAM	1	0	20.81	20.79	20.89			
10	64QAM	1	25	20.90	20.86	20.95	22	2	
10	64QAM	1	49	20.87	21.03	20.95			
10	64QAM	25	0	20.19	20.05	20.16			
10	64QAM	25	12	20.30	20.32	20.14	21	3	
10	64QAM	25	25	20.14	20.22	20.24			
10	64QAM	50	0	20.14	20.24	20.14			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2297.5 <th>2295<th>2297.5</th><th></th><th></th><th></th></th>	2295 <th>2297.5</th> <th></th> <th></th> <th></th>	2297.5			
5	QPSK	1	0	22.90	22.85	22.90	24	0	
5	QPSK	1	12	22.81	22.90	23.09			
5	QPSK	1	24	22.91	22.87	23.14			
5	QPSK	12	0	22.32	22.25	22.15	23	1	
5	QPSK	12	7	22.34	22.09	22.23			
5	QPSK	12	13	22.18	22.28	22.30			
5	QPSK	25	0	22.13	22.10	22.14	23	1	
5	16QAM	1	0	22.11	22.18	22.32			
5	16QAM	1	12	22.49	22.39	22.35			
5	16QAM	1	24	22.21	22.30	22.26	22	2	
5	16QAM	12	0	21.15	21.16	21.16			
5	16QAM	12	7	21.28	21.29	21.30			
5	16QAM	12	13	21.13	21.23	21.30	21	3	
5	64QAM	1	0	21.19	21.10	21.24			
5	64QAM	1	0	20.77	20.75	20.88			
5	64QAM	1	12	21.04	20.87	21.05	22	2	
5	64QAM	1	24	20.96	20.87	21.03			
5	64QAM	12	0	20.24	20.18	20.11			
5	64QAM	12	7	20.29	20.18	20.19	21	3	
5	64QAM	12	13	20.06	20.21	20.24			
5	64QAM	25	0	20.22	20.22	20.23			

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										
Frequency (MHz)										
20	QPSK	1	0	22.35	22.35	22.42	22.47	22.48	24	0
20	QPSK	1	48	22.45	22.41	22.74	22.84	22.70		
20	QPSK	1	96	22.37	22.50	22.57	22.52	22.63		
20	QPSK	50	0	21.50	21.56	21.88	21.82	21.86	23	1
20	QPSK	50	24	21.39	21.54	21.76	21.79	21.83		
20	QPSK	50	50	21.48	21.53	21.78	21.73	21.85		
20	QPSK	100	0	21.44	21.56	21.87	21.77	21.85	23	1
20	16QAM	1	0	21.42	21.43	21.71	21.75	21.70		
20	16QAM	1	48	21.50	21.50	21.92	21.88	21.88		
20	16QAM	1	96	21.43	21.83	21.79	21.78	21.80	22	2
20	16QAM	50	0	20.81	20.73	20.80	20.80	20.81		
20	16QAM	50	24	20.67	20.74	20.81	20.80	20.84		
20	16QAM	50	50	20.65	20.71	20.83	20.76	20.86	22	2
20	16QAM	100	0	20.62	20.72	20.80	20.80	20.87		
20	16QAM	1	0	20.28	20.29	20.38	20.40	20.43		
20	64QAM	1	49	20.39	20.44	20.60	20.50	20.58	21	3
20	64QAM	1	99	20.29	20.41	20.51	20.44	20.48		
20	64QAM	50	0	19.58	19.72	19.74	19.77	19.74		
20	64QAM	50	24	19.56	19.74	19.77	19.77	19.78	21	3
20	64QAM	50	50	19.62	19.70	19.77	19.72	19.80		
20	64QAM	100	0	19.59	19.63	19.77	19.75	19.79		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.32	22.32	22.32	22.42	22.38	24	0
15	QPSK	1	37	22.35	22.45	22.73	22.54	22.63		
15	QPSK	1	74	22.43	22.42	22.55	22.48	22.58		
15	QPSK	36	0	21.51	21.65	21.95	21.85	21.79	23	1
15	QPSK	36	20	21.47	21.45	21.73	21.86	21.92		
15	QPSK	36	39	21.57	21.50	21.78	21.71	21.92		
15	QPSK	75	0	21.46	21.86	21.97	21.67	21.77	23	1
15	16QAM	1	0	21.42	21.36	21.76	21.83	21.64		
15	16QAM	1	37	21.51	21.66	21.98	21.97	21.85		
15	16QAM	1	74	21.46	21.83	21.80	21.74	21.74	22	2
15	16QAM	36	0	20.53	20.69	20.73	20.71	20.80		
15	16QAM	36	20	20.71	20.80	20.69	20.94	20.75		
15	16QAM	36	39	20.59	20.74	20.83	20.70	20.94	22	2
15	16QAM	75	0	20.72	20.72	20.72	20.77	20.83		
15	64QAM	1	0	20.30	20.38	20.44	20.33	20.35		
15	64QAM	1	37	20.34	20.38	20.65	20.53	20.52	22	2
15	64QAM	1	74	20.38	20.46	20.44	20.35	20.51		
15	64QAM	36	0	19.57	19.85	19.74	19.67	19.77		
15	64QAM	36	20	19.49	19.83	19.76	19.71	19.83	21	3
15	64QAM	36	39	19.60	19.83	19.87	19.65	19.70		
15	64QAM	75	0	19.58	19.67	19.67	19.74	19.70		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.44	22.32	22.48	22.39	22.54	24	0
10	QPSK	1	25	22.40	22.39	22.73	22.57	22.72		
10	QPSK	1	49	22.43	22.40	22.58	22.50	22.55		
10	QPSK	25	0	21.53	21.53	21.85	21.76	21.76	23	1
10	QPSK	25	12	21.47	21.50	21.67	21.78	21.74		
10	QPSK	25	25	21.42	21.59	21.84	21.74	21.85		
10	QPSK	50	0	21.53	21.62	21.85	21.80	21.95	23	1
10	16QAM	1	0	21.36	21.40	21.64	21.84	21.80		
10	16QAM	1	25	21.44	21.30	21.92	21.92	21.80		
10	16QAM	1	49	21.51	21.61	21.75	21.77	21.89	22	2
10	16QAM	25	0	20.71	20.83	20.70	20.75	20.83		
10	16QAM	25	12	20.58	20.82	20.84	20.78	20.93		
10	16QAM	25	25	20.62	20.63	20.82	20.84	20.88	22	2
10	16QAM	50	0	20.65	20.80	20.77	20.79	20.84		
10	64QAM	1	0	20.28	20.23	20.31	20.43	20.46		
10	64QAM	1	25	20.47	20.38	20.55	20.40	20.58	22	2
10	64QAM	1	49	20.37	20.46	20.54	20.38	20.38		
10	64QAM	25	0	19.68	19.82	19.71	19.82	19.80		
10	64QAM	25	12	19.57	19.83	19.69	19.78	19.84	21	3
10	64QAM	25	25	19.52	19.64	19.71	19.72	19.70		
10	64QAM	50	0	19.66	19.56	19.81	19.76	19.81		
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.25	22.38	22.46	22.50	22.45	24	0
5	QPSK	1	12	22.41	22.31	22.64	22.56	22.63		
5	QPSK	1	24	22.30	22.39	22.53	22.43	22.68		
5	QPSK	12	0	21.58	21.61	21.92	21.76	21.94	23	1
5	QPSK	12	7	21.49	21.53	21.84	21.89	21.92		
5	QPSK	12	13	21.56	21.49	21.84	21.63	21.94		
5	QPSK	25	0	21.45	21.56	21.97	21.79	21.79	23	1
5	16QAM	1	0	21.51	21.34	21.75	21.76	21.80		
5	16QAM	1	12	21.42	21.55	21.83	21.82	21.86		
5	16QAM	1	24	21.53	21.60	21.69	21.84	21.71	22	2
5	16QAM	12	0	20.70	20.76	20.90	20.88	20.85		
5	16QAM	12	7	20.60	20.80	20.73	20.88	20.94		
5	16QAM	12	13	20.88	20.69	20.77	20.81	20.85	22	2
5	16QAM	25	0	20.61	20.96	20.72	20.80	20.83		
5	64QAM	1	0	20.18	20.26	20.35	20.44	20.36		
5	64QAM	1	12	20.36	20.34	20.66	20.49	20.62	22	2
5	64QAM	1	24	20.24	20.48	20.61	20.51	20.51		
5	64QAM	12	0	19.67	19.79	19.71	19.71	19.75		
5	64QAM	12	7	19.81	19.79	19.71	19.86	19.85	21	3
5	64QAM	12	13	19.68	19.66	19.87	19.82	19.71		
5	64QAM	25	0	19.59	19.58	19.68	19.69	19.71		

Band 41(Other PA)_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										
Frequency (MHz)										
20	QPSK	1	0	22.89	22.90	22.97	22.99	23.02	24	0
20	QPSK	1	48	22.96	23.02	23.30	23.13	23.25		
20	QPSK	1	96	22.92	23.02	23.06	23.03	23.15		
20	QPSK	50	0	22.04	22.06	22.41	22.29	22.35	23	1
20	QPSK	50	24	21.90	22.04	22.23	22.26	22.31		
20	QPSK	50	50	22.00	22.04	22.28	22.26	22.34		
20	QPSK	100	0	21.91	22.03	22.36	22.30	22.32	23	1
20	16QAM	1	0	21.94	21.94	22.23	22.26	22.18		
20	16QAM	1	49	22.02	22.14	22.41	22.40	22.40		
20	16QAM	1	99	21.92	22.11	22.26	22.29	22.27	22	2
20	16QAM	50	0	21.13	21.20	21.28	21.30	21.28		
20	16QAM	50	24	21.16	21.23	21.31	21.27	21.34		
20	16QAM	50	50	21.16	21.19	21.32	21.28	21.37	22	2
20	16QAM	100	0	21.09	21.15	21.29	21.25	21.37		
20	64QAM	1	49	20.74	20.77	20.85	20.85	20.92		
20	64QAM	1	99	20.83	20.91	21.11	20.97	21.06	22	2
20	64QAM	1	99	20.77	20.86	20.96	20.93	20.96		
20	64QAM	50	0	20.06	20.15	20.24	20.26	20.19		
20	64QAM	50	24	20.01	20.20	20.26	20.24	20.21	21	3
20	64QAM	50	50	20.04	20.18	20.22	20.16	20.23		
20	64QAM	100	0	20.03	20.11	20.20	20.23	20.23		

Reduced Power Mode for Sensor On

GSM850_Ant 0	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel					128 189 251				
	Frequency (MHz)					624.2 636.4 648.8				
GSM 1 Tx slot	30.84	30.87	30.86	32.50	21.85	21.87	21.86	23.50		
GPRS 1 Tx slot	30.80	30.86	30.86	32.50	21.80	21.86	21.86	23.50		
GPRS 2 Tx slots	30.26	30.35	30.04	32.00	24.26	24.35	24.04	26.00		
GPRS 3 Tx slots	28.75	28.75	28.52	30.50	24.49	24.49	24.26	26.24		
GPRS 4 Tx slots	27.61	27.63	27.58	29.50	24.01	24.63	24.58	26.50		
EDGE 1 Tx slot	24.72	25.29	24.79	26.50	15.72	16.29	15.79	17.50		
EDGE 2 Tx slots	23.21	23.29	23.26	24.50	17.21	17.29	17.26	18.50		
EDGE 3 Tx slots	20.75	21.03	20.99	22.50	16.48	16.77	16.73	18.24		
EDGE 4 Tx slots	19.56	19.46	19.48	21.00	16.56	16.46	16.48	18.00		

GSM1900_Ant 1 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
	1859.2	1880	1909.8		1859.2	1880	1909.8	
GSM 1 Tx slot	26.93	26.89	26.81	28.50	17.93	17.89	17.61	19.50
GPRS 1 Tx slot	26.86	26.89	26.79	28.50	17.86	17.89	17.79	19.50
GPRS 2 Tx slots	26.41	26.34	26.07	28.00	20.41	20.24	20.07	22.00
GPRS 3 Tx slots	24.67	24.72	24.56	26.50	20.61	20.46	20.32	22.24
GPRS 4 Tx slots	23.54	23.61	23.58	25.50	20.54	20.61	20.58	22.50
EDGE 1 Tx slot	23.09	22.90	22.70	24.50	14.09	13.90	13.70	15.50
EDGE 2 Tx slots	22.01	21.83	21.60	23.50	16.01	15.83	15.60	17.50
EDGE 3 Tx slots	19.57	19.71	19.54	21.50	15.31	15.45	15.28	17.24
EDGE 4 Tx slots	18.32	18.19	18.19	20.00	15.32	15.19	15.19	17.00

Band	WCDMA I_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)			
	TX Channel				1312 1413 1513				4132 4182 4233						
	Frequency (MHz)				1537 1638 1738				4357 4407 4458						
3GPP Rel 99	AMR 12.2Kbps	18.58	19.11	19.08	20.50	19.19	19.22	19.11	21.00	22.52	22.58	22.49	24.00		
3GPP Rel 99	RMC 12.2Kbps	19.10	19.15	19.11	20.50	19.24	19.33	19.20	21.00	22.56	22.61	22.50	24.00		
3GPP Rel 6	HSDPA Subtest-1	18.04	18.07	18.05	19.50	18.20	18.29	18.26	20.00	21.48	21.62	21.47	23.00		
3GPP Rel 6	HSDPA Subtest-2	17.94	18.02	17.97	19.50	18.11	18.21	18.06	20.00	21.47	21.60	21.47	23.00		
3GPP Rel 6	HSDPA Subtest-3	17.44	17.59	17.46	19.00	17.67	17.81	17.68	19.50	21.01	21.12	21.00	22.50		
3GPP Rel 6	HSDPA Subtest-4	17.54	17.55	17.43	19.00	17.71	17.73	17.68	19.50	20.96	21.09	20.97	22.50		
3GPP Rel 6	DC-HSDPA Subtest-1	18.23	18.27	18.18	19.50	18.11	18.16	18.12	20.00	21.62	21.67	21.56	23.00		
3GPP Rel 6	DC-HSDPA Subtest-2	18.22	18.23	18.12	19.50	18.05	18.08	18.05	20.00	21.65	21.66	21.59	23.00		
3GPP Rel 6	DC-HSDPA Subtest-3	17.63	17.78	17.64	19.00	17.59	17.58	17.59	19.50	21.13	21.20	21.03	22.50		
3GPP Rel 6	DC-HSDPA Subtest-4	17.67	17.71	17.67	19.00	17.51	17.62	17.54	19.50	21.09	21.16	21.14	22.50		
3GPP Rel 6	HSUPA Subtest-1	16.07	16.19	16.17	17.00	16.20	16.23	16.10	18.00	19.45	19.44	19.42	21.00		
3GPP Rel 6	HSUPA Subtest-2	16.02	16.11	16.00	17.00	16.08	16.17	16.12	18.00	19.43	19.45	19.46	21.00		
3GPP Rel 6	HSUPA Subtest-3	17.03	17.08	16.95	18.50	17.21	17.23	17.12	19.00	20.45	20.46	20.47	22.00		
3GPP Rel 6	HSUPA Subtest-4	15.54	15.61	15.58	17.00	16.05	16.08	16.04	18.00	19.04	19.03	19.01	21.00		
3GPP Rel 6	HSUPA Subtest-5	17.05	17.19	17.11	18.50	17.02	17.17	17.06	19.00	20.40	20.60	20.40	22.00		
3GPP Rel 7	HSPA+ (LQAM) Subtest-1	16.00	16.05	15.95	17.00	16.16	16.22	16.21	17.50	19.43	19.44	19.48	20.50		

Band 5_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel											
Channel				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	22.50	22.52	22.47	24	0			
10	QPSK	1	25	21.62	22.12	22.51					
10	QPSK	1	49	22.50	22.48	22.32					
10	QPSK	25	0	21.55	21.60	21.51					
10	QPSK	25	12	21.52	21.56	21.47	23	1			
10	QPSK	25	25	21.46	21.51	21.49					
10	QPSK	50	0	21.56	21.59	21.53					
10	16QAM	1	0	21.75	21.59	21.39					
10	16QAM	1	25	21.62	22.12	21.36	23	1			
10	16QAM	1	49	21.57	21.53	21.30					
10	16QAM	25	0	20.54	20.55	20.54					
10	16QAM	25	12	20.52	20.56	20.42					
10	16QAM	25	25	20.41	20.54	20.57	22	2			
10	16QAM	50	0	20.55	20.58	20.49					
10	64QAM	1	0	20.47	20.87	20.28					
10	64QAM	1	25	20.61	20.76	20.74					
10	64QAM	1	49	20.45	20.85	20.36	21	3			
10	64QAM	25	0	19.57	19.46	19.47					
10	64QAM	25	12	19.43	19.58	19.36					
10	64QAM	25	25	19.49	19.53	19.41					
10	64QAM	50	0	19.49	19.51	19.51					
Channel											
Channel				20425	20525	20625					
Frequency (MHz)				829.5	836.5	845.5					
5	QPSK	1	0	22.55	22.47	22.45	24	0			
5	QPSK	1	24	22.61	22.64	22.53					
5	QPSK	1	49	22.40	22.53	22.36					
5	QPSK	12	0	21.61	21.54	21.58					
5	QPSK	12	7	21.51	21.57	21.51	23	1			
5	QPSK	12	13	21.48	21.57	21.54					
5	QPSK	25	0	21.63	21.65	21.47					
5	16QAM	1	0	21.67	21.66	21.49					
5	16QAM	1	12	21.84	22.09	21.27	23	1			
5	16QAM	1	24	21.87	21.93	21.33					
5	16QAM	12	0	20.55	20.55	20.46					
5	16QAM	12	7	20.59	20.61	20.52					
5	16QAM	12	13	20.33	20.61	20.54	22	2			
5	16QAM	25	0	20.57	20.52	20.48					
5	64QAM	1	0	20.38	20.84	20.23					
5	64QAM	1	12	20.72	20.69	20.73					
5	64QAM	1	24	20.44	20.59	20.46	21	3			
5	64QAM	12	0	19.67	19.37	19.40					
5	64QAM	12	7	19.40	19.53	19.48					
5	64QAM	12	13	19.46	19.53	19.31					
5	64QAM	25	0	19.51	19.43	19.56					
Channel											
Channel				20415	20525	20635					
Frequency (MHz)				829.5	836.5	847.5					
3	QPSK	1	0	22.48	22.51	22.39	24	0			
3	QPSK	1	8	22.57	22.48	22.41					
3	QPSK	1	14	22.51	22.52	22.31					
3	QPSK	8	0	21.47	21.62	21.54					
3	QPSK	8	4	21.60	21.65	21.48	23	1			
3	QPSK	8	7	21.36	21.53	21.44					
3	QPSK	15	0	21.60	21.56	21.50					
3	16QAM	1	0	21.85	21.53	21.43					
3	16QAM	1	8	21.84	22.13	21.29	23	1			
3	16QAM	1	14	21.91	21.89	21.40					
3	16QAM	8	0	20.59	20.49	20.57					
3	16QAM	8	4	20.50	20.68	20.44					
3	16QAM	8	7	20.38	20.44	20.62	22	2			
3	16QAM	15	0	20.49	20.50	20.47					
3	64QAM	1	8	20.48	20.80	20.38					
3	64QAM	1	14	20.81	20.85	20.72					
3	64QAM	1	19	20.50	20.80	20.46	22	2			
3	64QAM	8	0	19.52	19.53	19.37					
3	64QAM	8	4	19.48	19.60	19.32					
3	64QAM	8	7	19.47	19.59	19.31					
3	64QAM	15	0	19.44	19.44	19.44					
Channel											
Channel				20417	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	22.49	22.37	22.36	24	0			
1.4	QPSK	1	3	22.62	22.42	22.22					
1.4	QPSK	1	6	22.46	22.58	22.34					
1.4	QPSK	3	0	22.57	22.45	22.34					
1.4	QPSK	3	1	22.63	22.55	22.34	23	1			
1.4	QPSK	3	2	22.63	22.54	22.43					
1.4	16QAM	1	0	21.57	21.55	21.34					
1.4	16QAM	1	3	21.52	21.66	21.47					
1.4	16QAM	1	6	22.17	21.64	21.39	23	1			
1.4	16QAM	1	9	21.81	21.66	21.50					
1.4	16QAM	3	0	21.84	21.55	21.40					
1.4	16QAM	3	1	21.64	21.40	21.20					
1.4	16QAM	3	3	21.86	21.50	21.44	22	2			
1.4	16QAM	6	0	20.63	20.74	20.41					
1.4	64QAM	1	0	20.62	20.31	20.43					
1.4	64QAM	1	3	20.72	20.74	20.56					
1.4	64QAM	1	6	20.72	20.28	20.26	22	2			
1.4	64QAM	3	0	20.80	20.53	20.38					
1.4	64QAM	3	1	20.62	20.51	20.54					
1.4	64QAM	3	3	20.60	20.71	20.61					
1.4	64QAM	6	0	19.51	19.42	19.27	21	3			

Band 5_Ant 4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)				
Channel												
Channel				20450	20525	20600						
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	22.14	22.08	22.14	24	0				
10	QPSK	1	25	22.03	22.03	22.03						
10	QPSK	1	49	22.24	22.16	22.17						
10	QPSK	25	0	21.25	21.32	21.35						
10	QPSK	25	12	21.22	21.23	21.21	23	1				
10	QPSK	25	25	21.20	21.24	21.25						
10	QPSK	50	0	21.27	21.30	21.28						
10	16QAM	1	0	21.23	21.79	21.39						
10	16QAM	1	25	21.35	21.81	21.10	23	1				
10	16QAM	1	49	21.48	21.76	21.33						
10	16QAM	25	0	20.24	20.22	20.21						
10	16QAM	25	12	20.25	20.17	20.14						
10	16QAM	25	25	20.13	20.24	20.15	22	2				
10	16QAM	50	0	20.14	20.24	20.20						
10	64QAM	1	0	20.15	20.24	20.27						
10	64QAM	1	25	20.49	20.51	20.48						
10	64QAM	1	49	20.41	20.44	20.39	21	3				
10	64QAM	25	0	19.15	19.24	19.32						
10	64QAM	25	12	19.16	19.20	19.15						
10	64QAM	25	25	19.26	19.19	19.22						
10	64QAM	50	0	19.17	19.22	19.17						
Channel												
Channel				20425	20525	20625						
Frequency (MHz)				829.5	836.5	843.5						
5	QPSK	1	0	22.13	22.08	22.03	24	0				
5	QPSK	1	12	22.03	22.24	22.19						
5	QPSK	1	24	22.24	22.24	22.23						
5	QPSK	12	0	21.29	21.29	21.36						
5	QPSK	12	7	21.24	21.19	21.18	23	1				
5	QPSK	12	19	21.27	21.25	21.24						
5	QPSK	25	0	21.26	21.37	21.37						
5	16QAM	1	0	21.19	21.88	21.36						
5	16QAM	1	12	21.48	21.80	21.15	23	1				
5	16QAM	1	24	21.40	21.75	21.25						
5	16QAM	12	0	20.27	20.29	20.21						
5	16QAM	12	7	20.34	20.11	20.20						
5	16QAM	12	19	20.21	20.32	20.21	22	2				
5	16QAM	25	0	20.34	20.29	20.27						
5	64QAM	1	0	20.24	20.28	20.27						
5	64QAM	1	12	20.42	20.43	20.46						
5	64QAM	1	24	20.47	20.45	20.46	22	2				
5	64QAM	12	0	19.11	19.23	19.31						
5	64QAM	12	7	19.09	19.15	19.17						
5	64QAM	12	19	19.32	19.10	19.29						
5	64QAM	25	0	19.10	19.18	19.24	21	3				
Channel												
Channel				20415 <th>20525</th> <th>20635</th> <th colspan="3"></th>	20525	20635						
Frequency (MHz)				824.5	836.5	847.5						
3	QPSK	1	0	22.19	22.07	22.23	24	0				
3	QPSK	1	12	22.17	22.28	22.28						
3	QPSK	1	14	22.28	22.28	22.20						
3	QPSK	8	4	21.17	21.23	21.20						
3	QPSK	8	4	21.29	21.21	21.16	23	1				
3	QPSK	8	4	21.11	21.15	21.16						
3	QPSK	15	0	21.31	21.22	21.25						
3	16QAM	1	0	21.14	21.72	21.36						
3	16QAM	8	4	21.42	21.77	21.15	23	1				
3	16QAM	8	4	21.45	21.67	21.25						
3	16QAM	8	4	20.18	20.15	20.26						
3	16QAM	8	4	20.24	20.20	20.14						
3	16QAM	8	4	20.13	20.17	20.27	22	2				
3	16QAM	15	0	20.11	20.32	20.23						
3	64QAM	1	0	20.17	20.30	20.24						
3	64QAM	1	8	20.43	20.49	20.46						
3	64QAM	1	8	20.37	20.46	20.42	22	2				
3	64QAM	8	4	19.18	19.33	19.41						
3	64QAM	8	4	19.08	19.28	19.13						
3	64QAM	15	0	19.32	19.08	19.27						
3	64QAM	15	0	19.14	19.29	19.20	21	3				
Channel												
Channel				20407	20525	20643						
Frequency (MHz)				824.7	836.5	848.3						
1.4	QPSK	1	0	22.21	22.08	22.11	24	0				
1.4	QPSK	1	12	22.12	22.22	22.12						
1.4	QPSK	1	5	22.11	22.22	22.24						
1.4	QPSK	3	0	22.26	22.23	22.24						
1.4	QPSK	3	1	21.17	22.20	22.23	23	1				
1.4	QPSK	3	1	22.14	22.22	22.31						
1.4	QPSK	6	0	21.26	21.18	21.21						
1.4	16QAM	1	0	21.43	21.95	21.60						
1.4	16QAM	3	1	21.40	21.7	21.18	23	1				
1.4	16QAM	1	5	21.82	21.78	21.64						
1.4	16QAM	3	1	21.22	21.06	21.27						
1.4	16QAM	3	1	21.10	21.15	21.20						
1.4	16QAM	3	1	21.25	21.12	21.13	22	2				
1.4	16QAM	6	0	20.27	20.35	20.29						
1.4	64QAM	1	0	20.48	20.35	20.50						
1.4	64QAM	1	0	20.47	20.35	20.19						
1.4	64QAM	1	5	20.21	20.23	20.25	22	2				
1.4	64QAM	3	0	20.40	20.29	20.37						
1.4	64QAM	3	1	20.38	20.01	20.45						
1.4	64QAM	6	0	19.29	19.13	19.16						

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	20.95	21.07	21.05	22.5	0		
20	QPSK	1	49	21.26	21.28	21.18				
20	QPSK	1	99	21.14	21.12	21.08				
20	QPSK	50	0	20.35	20.44	20.39	21.5	1		
20	QPSK	50	24	20.31	20.31	20.29				
20	QPSK	50	50	20.29	20.32	20.33				
20	QPSK	100	0	20.33	20.42	20.37	21.5	1		
20	16QAM	1	0	20.28	20.28	20.37				
20	16QAM	1	49	20.48	20.57	20.50				
20	16QAM	1	99	20.48	20.40	20.42	20.5	2		
20	16QAM	50	0	19.30	19.35	19.28				
20	16QAM	50	24	19.35	19.45	19.37				
20	16QAM	50	50	19.38	19.32	19.35	20.5	2		
20	16QAM	100	0	19.39	19.23	19.37				
20	64QAM	1	0	18.89	18.91	19.00				
20	64QAM	1	49	19.16	19.15	19.20	20.5	2		
20	64QAM	1	99	19.13	19.09	19.05				
20	64QAM	50	0	18.38	18.27	18.32				
20	64QAM	50	24	18.39	18.30	18.44	19.5	3		
20	64QAM	50	50	18.27	18.29	18.33				
20	64QAM	100	0	18.22	18.27	18.39				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	20.89	21.04	20.99	22.5	0		
15	QPSK	1	37	21.17	21.27	21.14				
15	QPSK	1	74	21.01	21.05	21.04				
15	QPSK	36	0	20.31	20.33	20.35	21.5	1		
15	QPSK	36	20	20.20	20.25	20.16				
15	QPSK	36	39	20.21	20.21	20.23				
15	QPSK	75	0	20.23	20.30	20.35	21.5	1		
15	16QAM	1	0	20.22	20.21	20.26				
15	16QAM	1	37	20.41	20.45	20.37				
15	16QAM	1	74	20.37	20.30	20.40	20.5	2		
15	16QAM	36	0	19.29	19.21	19.25				
15	16QAM	36	20	19.33	19.35	19.30				
15	16QAM	36	39	19.30	19.31	19.30	20.5	2		
15	16QAM	75	0	19.29	18.16	19.36				
15	64QAM	1	0	18.88	18.85	18.94				
15	64QAM	1	37	19.04	19.12	19.12	20.5	2		
15	64QAM	1	74	19.01	19.07	18.98				
15	64QAM	36	0	18.31	18.23	18.16				
15	64QAM	36	20	18.30	18.20	18.37	19.5	3		
15	64QAM	36	39	18.15	18.21	18.29				
15	64QAM	75	0	18.14	18.21	18.30				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	20.91	20.92	20.98	22.5	0		
10	QPSK	1	25	21.11	21.13	21.10				
10	QPSK	1	49	21.03	21.04	21.30				
10	QPSK	25	0	20.42	20.22	20.31	21.5	1		
10	QPSK	25	12	20.21	20.18	20.20				
10	QPSK	25	25	20.20	20.24	20.30				
10	QPSK	50	0	20.23	20.35	20.36	21.5	1		
10	16QAM	1	0	20.22	20.16	20.23				
10	16QAM	1	25	20.42	20.51	20.39				
10	16QAM	1	49	20.46	20.32	20.38	20.5	2		
10	16QAM	25	0	19.26	19.33	19.27				
10	16QAM	25	12	19.20	19.40	19.33				
10	16QAM	25	25	19.35	19.26	19.22	20.5	2		
10	16QAM	50	0	19.31	19.15	19.22				
10	64QAM	1	0	18.85	18.85	18.85				
10	64QAM	1	25	19.14	19.10	19.16	20.5	2		
10	64QAM	1	49	19.02	19.06	18.95				
10	64QAM	25	0	18.24	18.14	18.18				
10	64QAM	25	12	18.35	18.25	18.36	19.5	3		
10	64QAM	25	25	18.16	18.16	18.32				
10	64QAM	50	0	18.08	18.14	18.25				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	20.91	21.00	20.94	22.5	0		
5	QPSK	1	12	21.20	21.21	21.06				
5	QPSK	1	24	21.00	21.07	21.02				
5	QPSK	12	0	20.32	20.33	20.28	21.5	1		
5	QPSK	12	7	20.30	20.19	20.17				
5	QPSK	12	13	20.14	20.28	20.29				
5	QPSK	25	0	20.27	20.40	20.32	21.5	1		
5	16QAM	1	0	20.19	20.20	20.30				
5	16QAM	1	12	20.41	20.49	20.35				
5	16QAM	1	24	20.44	20.25	20.27	20.5	2		
5	16QAM	12	0	19.29	19.32	19.23				
5	16QAM	12	7	19.21	19.37	19.26				
5	16QAM	12	13	19.34	19.27	19.34	20.5	2		
5	16QAM	25	0	19.24	19.14	19.30				
5	64QAM	1	0	18.79	18.86	18.88				
5	64QAM	1	12	19.15	19.12	19.05	20.5	2		
5	64QAM	1	24	18.98	19.04	18.94				
5	64QAM	12	0	18.25	18.16	18.18				
5	64QAM	12	7	18.26	18.15	18.30	19.5	3		
5	64QAM	12	13	18.26	18.17	18.26				
5	64QAM	25	0	18.16	18.20	18.33				

Band 38(Other PA)_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	21.24	21.24	21.31	22.5	0		
20	QPSK	1	49	21.53	21.55	21.43				
20	QPSK	1	99	21.50	21.51	21.40				
20	QPSK	50	0	20.66	20.74	20.73	21.5	1		
20	QPSK	50	24	20.61	20.72	20.61				
20	QPSK	50	50	20.58	20.69	20.62				
20	QPSK	100	0	20.65	20.70	20.69	21.5	1		
20	16QAM	1	0	20.44	20.56	20.52				
20	16QAM	1	49	20.81	20.80	20.74				
20	16QAM	1	99	20.78	20.73	20.73	20.5	2		
20	16QAM	50	0	19.51	19.58	19.51				
20	16QAM	50	24	19.60	19.68	19.67				
20	16QAM	50	50	19.61	19.61	19.69	19.5	3		
20	16QAM	100	0	19.69	19.66	19.62				
20	64QAM	1	0	19.27	19.19	19.22				
20	64QAM	1	49	19.43	19.42	19.36	20.5	2		
20	64QAM	1	99	19.29	19.26	19.26				
20	64QAM	50	0	18.51	18.49	18.50	19.5	3		
20	64QAM	50	24	18.61	18.61	18.72				
20	64QAM	50	50	18.65	18.58	18.62				
20	64QAM	100	0	18.49	18.61	18.52				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	21.15	21.21	21.09	22.5	0		
15	QPSK	1	37	21.39	21.45	21.44				
15	QPSK	1	74	21.43	21.47	21.44				
15	QPSK	38	0	20.63	20.67	20.57	21.5	1		
15	QPSK	38	20	20.57	20.47	20.51				
15	QPSK	38	39	20.50	20.44	20.44				
15	QPSK	75	0	20.64	20.50	20.51	21.5	1		
15	16QAM	1	0	20.34	20.31	20.43				
15	16QAM	1	37	20.66	20.73	20.72				
15	16QAM	1	74	20.69	20.74	20.71	20.5	2		
15	16QAM	38	0	19.36	19.43	19.47				
15	16QAM	38	20	19.46	19.58	19.49				
15	16QAM	38	39	19.47	19.56	19.60	19.5	3		
15	16QAM	75	0	19.68	19.64	19.64				
15	64QAM	1	0	19.22	19.23	19.22				
15	64QAM	1	37	19.36	19.36	19.36	20.5	2		
15	64QAM	1	74	19.27	19.21	19.23				
15	64QAM	38	0	18.45	18.52	18.45				
15	64QAM	38	20	18.59	18.49	18.49	19.5	3		
15	64QAM	38	39	18.52	18.61	18.63				
15	64QAM	75	0	18.36	18.45	18.40				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	21.19	21.09	21.14	22.5	0		
10	QPSK	1	25	21.40	21.44	21.45				
10	QPSK	1	49	21.35	21.41	21.49				
10	QPSK	25	0	20.58	20.59	20.59	21.5	1		
10	QPSK	25	12	20.46	20.48	20.60				
10	QPSK	25	25	20.54	20.46	20.57				
10	QPSK	50	0	20.54	20.57	20.58	21.5	1		
10	16QAM	1	0	20.36	20.37	20.36				
10	16QAM	1	25	20.73	20.71	20.67				
10	16QAM	1	49	20.63	20.74	20.67	20.5	2		
10	16QAM	25	0	19.45	19.40	19.43				
10	16QAM	25	12	19.50	19.46	19.55				
10	16QAM	25	25	19.56	19.50	19.60	19.5	3		
10	16QAM	50	0	19.61	19.68	19.56				
10	16QAM	50	0	19.19	19.26	19.17				
10	64QAM	1	25	19.42	19.40	19.35	20.5	2		
10	64QAM	1	49	19.19	19.16	19.21				
10	64QAM	25	0	18.49	18.42	18.41				
10	64QAM	25	12	18.48	18.52	18.57	19.5	3		
10	64QAM	25	25	18.56	18.54	18.53				
10	64QAM	50	0	18.35	18.43	18.42				
Channel				37825.5	38000	38175.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	21.09	21.19	21.11	22.5	0		
5	QPSK	1	12	21.44	21.47	21.41				
5	QPSK	1	24	21.48	21.49	21.48				
5	QPSK	12	0	20.63	20.63	20.59	21.5	1		
5	QPSK	12	7	20.59	20.50	20.56				
5	QPSK	12	13	20.44	20.54	20.44				
5	QPSK	25	0	20.59	20.59	20.60	20.5	2		
5	16QAM	1	0	20.30	20.34	20.32				
5	16QAM	1	12	20.76	20.75	20.72				
5	16QAM	1	24	20.73	20.72	20.69	19.5	3		
5	16QAM	12	0	19.45	19.49	19.38				
5	16QAM	12	7	19.53	19.58	19.58				
5	16QAM	12	13	19.65	19.66	19.57	20.5	2		
5	16QAM	25	0	19.61	19.63	19.61				
5	64QAM	1	0	19.26	19.14	19.13				
5	64QAM	1	12	19.28	19.33	19.31	20.5	2		
5	64QAM	1	24	19.16	19.15	19.27				
5	64QAM	12	0	18.42	18.50	18.45				
5	64QAM	12	7	18.58	18.46	18.45	19.5	3		
5	64QAM	12	13	18.62	18.56	18.58				
5	64QAM	25	0	18.35	18.40	18.35				

Reduced Power Mode for Handheld On

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	124.2	136.4	148.6		124.2	136.4	148.6	
Frequency (MHz)	31.50	31.63	31.64	33.50	22.80	22.83	22.84	24.50
GSM 1 Tx slot	31.90	31.89	31.62	33.00	22.80	22.89	22.82	24.50
GPRS 1 Tx slots	31.36	31.31	31.12	33.00	25.36	25.31	25.12	27.00
GPRS 2 Tx slots	29.76	29.74	29.62	31.00	25.50	25.48	25.36	27.24
GPRS 3 Tx slots	28.52	28.59	28.54	30.00	25.52	25.59	25.54	27.50
EDGE 1 Tx slot	25.79	26.25	25.86	27.00	16.79	17.25	16.86	18.50
EDGE 2 Tx slots	24.23	24.39	24.28	25.00	16.23	16.39	16.28	19.50
EDGE 3 Tx slots	21.79	22.03	21.96	23.00	17.53	17.77	17.70	19.24
EDGE 4 Tx slots	20.49	20.56	20.47	22.00	17.49	17.56	17.47	19.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	27.83	27.77	27.61	29.00	18.83	18.77	18.61	20.50
GSM 1 Tx slot	27.89	27.83	27.59	29.00	18.89	18.83	18.59	20.50
GPRS 1 Tx slots	27.26	27.17	27.03	29.00	21.26	21.17	21.03	23.00
GPRS 2 Tx slots	25.79	25.76	25.56	27.00	21.53	21.50	21.30	23.24
GPRS 3 Tx slots	24.52	24.53	24.51	26.00	21.52	21.53	21.51	23.50
EDGE 1 Tx slot	24.12	23.77	23.70	25.00	15.12	14.77	14.70	16.50
EDGE 2 Tx slots	23.08	22.72	22.57	24.00	17.08	16.72	16.57	18.50
EDGE 3 Tx slots	20.63	20.56	20.52	22.00	16.37	16.32	16.26	18.24
EDGE 4 Tx slots	19.33	19.24	19.20	21.00	16.33	16.24	16.20	18.00

Band	WCDMA 8_Ant 1			Tune-up Limit (dBm)	WCDMA 14_Ant 1			Tune-up Limit (dBm)	WCDMA 17_Ant 0			Tune-up Limit (dBm)	
	3262	3490	3536		1312	1413	1513		4132	4182	4233		
TX Channel	9662	9690	9698		1637	1638	1728		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.8		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	20.61	20.67	20.53	22.00	20.10	20.22	20.13	22.00	22.52	22.58	22.49	24.00
3GPP Rel 99	RMC 12.2Kbps	20.68	20.76	20.71	22.00	20.23	20.24	20.20	22.00	22.56	22.61	22.50	24.00
3GPP Rel 6	HSDPA Subtest-1	19.50	19.61	19.58	21.00	19.14	19.29	19.28	21.00	21.48	21.62	21.47	23.00
3GPP Rel 6	HSDPA Subtest-2	19.53	19.65	19.60	21.00	19.09	19.16	19.01	21.00	21.47	21.60	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	19.09	19.11	19.02	20.00	18.75	18.84	18.75	20.00	21.01	21.12	21.00	22.00
3GPP Rel 6	HSDPA Subtest-4	19.02	19.07	18.98	20.00	18.64	18.74	18.67	20.00	20.96	21.09	20.97	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.66	19.79	19.78	21.00	19.07	19.16	19.07	21.00	21.62	21.67	21.56	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.62	19.85	19.73	21.00	19.03	19.16	19.08	21.00	21.65	21.66	21.59	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.20	19.21	19.10	20.00	18.60	18.65	18.59	20.00	21.13	21.20	21.03	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.18	19.31	19.18	20.00	18.56	18.62	18.59	20.00	21.09	21.18	21.14	22.00
3GPP Rel 6	HSUPA Subtest-1	17.55	17.56	17.48	19.00	17.19	17.29	17.16	19.00	19.45	19.44	19.42	21.00
3GPP Rel 6	HSUPA Subtest-2	17.55	17.59	17.53	19.00	17.23	17.35	17.28	19.00	19.43	19.45	19.46	21.00
3GPP Rel 6	HSUPA Subtest-3	18.53	18.63	18.46	20.00	18.23	18.38	18.25	20.00	20.45	20.46	20.47	22.00
3GPP Rel 6	HSUPA Subtest-4	17.02	17.15	17.07	19.00	17.01	17.10	17.06	19.00	19.04	19.03	19.01	21.00
3GPP Rel 6	HSUPA Subtest-5	18.55	18.66	18.61	20.00	18.13	18.15	18.13	20.00	20.40	20.50	20.40	22.00
3GPP Rel 7	HSPA+ (14QAM) Subtest-1	17.50	17.57	17.56	18.00	17.24	17.29	17.17	18.00	19.43	19.44	19.48	20.00

Reduced Power Mode for Hotspot On

GSM850_Ant 0	Burst Average Power (dBm)				Time-up Limit	Frame-Average Power (dBm)				Time-up Limit
TX Channel	128	189	251			128	189	251		
Frequency (MHz)	824.2	836.4	848.8			824.2	836.4	848.8		
GSM 1 Tx slot	30.85	30.87	30.86	32.50		21.85	21.87	21.86	23.50	
GPRS 1 Tx slot	30.80	30.86	30.86	32.50		21.80	21.86	21.86	23.50	
GPRS 2 Tx slots	30.26	30.35	30.04	32.00		24.26	24.35	24.04	26.00	
GPRS 3 Tx slots	28.75	28.75	28.52	30.00		24.49	24.49	24.26	26.24	
GPRS 4 Tx slots	27.61	27.63	27.58	29.50		24.61	24.63	24.58	26.50	
EDGE 1 Tx slot	24.72	25.29	24.79	26.50		15.72	16.29	15.79	17.50	
EDGE 2 Tx slots	23.21	23.29	23.26	24.00		17.21	17.29	17.26	18.50	
EDGE 3 Tx slots	20.75	21.03	20.99	22.50		16.49	16.77	16.73	18.24	
EDGE 4 Tx slots	19.56	19.46	19.48	21.00		16.56	16.46	16.48	18.00	

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
Tx Channel	512	661	810	Limit (dBm)	512	661	810	Limit (dBm)
Frequency (MHz)	1850.2	1860	1869.8	(dBm)	1850.2	1860	1869.8	(dBm)
GSM 1 Tx slot	25.43	25.31	25.21	27.00	16.43	16.31	16.21	18.00
GPRS 1 Tx slot	25.52	25.45	25.28	27.00	16.52	16.45	16.28	18.00
GPRS 2 Tx slots	24.89	24.69	24.62	26.50	16.89	16.69	16.62	20.50
GPRS 3 Tx slots	23.16	23.08	23.10	26.00	16.92	16.82	16.84	20.74
GPRS 4 Tx slots	22.10	22.12	22.09	24.00	19.10	19.12	19.09	21.00
EDGE 1 Tx slot	21.76	21.36	21.16	23.00	12.76	12.36	12.16	14.00
EDGE 2 Tx slots	20.53	20.22	20.05	22.00	14.53	14.22	14.05	16.00
EDGE 3 Tx slots	18.07	18.10	18.08	20.00	13.81	13.84	13.82	15.74
EDGE 4 Tx slots	16.73	16.88	16.54	18.00	13.73	13.88	13.54	15.50

Band	WCDMA 1_Ant 1			Tune-up Limit (dBm)	WCDMA 4_Ant 1			Tune-up Limit (dBm)	WCDMA 5_Ant 0			Tune-up Limit (dBm)	
	TX Channel	9262	9400	9538	1312	1413	1513	4132	4162	4233			
	Rx Channel	9862	9890	9938		1537	1638	1738		4357	4407	4458	
	Frequency (MHz)	1850.2	1860	1869.8		1722.1	1722.2	1752.2		426.4	430.4	446.6	
3GPP Rel 99	AMR 12.2Kbps	18.05	18.11	18.02	19.50	18.41	18.47	18.42	20.00	22.52	22.55	22.49	24.00
3GPP Rel 99	RMC 12.2Kbps	18.11	18.13	18.10	19.50	18.45	18.52	18.47	20.00	22.56	22.61	22.50	24.00
3GPP Rel 6	HSDPA Subtest-1	17.16	17.07	17.19	18.50	17.18	17.25	17.16	19.00	21.48	21.62	21.47	23.00
3GPP Rel 6	HSDPA Subtest-2	17.12	17.03	17.16	18.50	17.22	17.20	17.21	19.00	21.47	21.60	21.47	23.00
3GPP Rel 6	HSDPA Subtest-3	16.89	16.63	16.63	18.00	16.76	16.68	16.71	18.50	21.01	21.12	21.00	22.50
3GPP Rel 6	HSDPA Subtest-4	16.57	16.60	16.54	18.00	16.71	16.75	16.69	18.50	20.96	21.09	20.97	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.26	17.28	17.23	18.50	17.15	17.18	17.14	19.00	21.62	21.67	21.58	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.33	17.30	17.34	18.50	17.10	17.15	17.02	19.00	21.65	21.66	21.59	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.75	16.84	16.76	18.00	16.50	16.60	16.55	18.50	21.13	21.20	21.03	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.72	16.84	16.82	18.00	16.52	16.63	16.64	18.50	21.09	21.16	21.14	22.50
3GPP Rel 6	HSUPA Subtest-1	15.08	15.06	15.11	16.00	15.16	15.14	15.24	17.00	19.45	19.44	19.42	21.00
3GPP Rel 6	HSUPA Subtest-2	15.13	15.14	15.09	16.50	15.22	15.19	15.21	17.00	19.43	19.45	19.46	21.00
3GPP Rel 6	HSUPA Subtest-3	16.20	16.12	16.19	17.50	16.26	16.18	16.30	18.00	20.45	20.46	20.47	22.00
3GPP Rel 6	HSUPA Subtest-4	14.64	14.57	14.61	16.50	15.13	15.17	15.15	17.00	19.04	19.03	19.01	21.00
3GPP Rel 6	HSUPA Subtest-5	16.16	16.12	16.19	17.50	16.08	16.17	16.15	18.00	20.40	20.60	20.40	22.00
3GPP Rel 7	HSPA+ (HSPA) Subtest-1	15.05	15.11	15.12	16.00	15.20	15.26	15.18	16.50	19.43	19.44	19.46	20.50

Reduced Power Mode for Sensor off

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	
Frequency (MHz)	824.2	834.4	844.6		824.2	834.4	844.6	
GSM 1 Tx slot	31.90	31.83	31.64	33.60	22.90	22.83	22.64	24.50
GPRS 1 Tx slot	31.90	31.89	31.82	33.60	22.90	22.89	22.62	24.50
GPRS 2 Tx slots	31.36	31.31	31.12	33.00	25.36	25.31	25.12	27.00
GPRS 3 Tx slots	29.76	29.74	29.62	31.60	25.50	25.48	25.36	27.24
GPRS 4 Tx slots	28.52	28.59	28.54	30.50	25.52	25.59	25.54	27.50
EDGE 1 Tx slot	25.79	26.25	25.88	27.60	16.79	17.25	16.88	18.50
EDGE 2 Tx slots	24.23	24.39	24.28	26.80	18.23	18.39	18.28	19.24
EDGE 3 Tx slots	21.79	22.03	21.96	23.50	17.53	17.77	17.70	19.24
EDGE 4 Tx slots	20.49	20.56	20.47	22.00	17.49	17.56	17.47	18.24

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	
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot	28.53	28.84	28.69	30.60	19.53	19.84	19.69	21.50
GPRS 1 Tx slot	28.86	28.89	28.89	30.50	19.95	19.99	19.99	21.50
GPRS 2 Tx slots	28.34	28.23	28.02	30.00	22.34	22.23	22.02	24.00
GPRS 3 Tx slots	26.78	26.67	26.55	28.55	22.52	22.41	22.29	24.00
GPRS 4 Tx slots	25.50	25.61	25.54	27.50	22.50	22.61	22.54	24.50
EDGE 1 Tx slot	25.19	24.85	24.70	26.60	16.19	15.85	15.70	17.50
EDGE 2 Tx slots	23.99	23.78	23.54	25.60	17.99	17.78	17.54	19.50
EDGE 3 Tx slots	21.66	21.67	21.53	23.60	17.40	17.41	17.27	19.24
EDGE 4 Tx slots	20.27	20.28	20.10	22.00	17.27	17.28	17.10	19.00

Band	WCDMA 3_Ant 1			Tune-up Limit (dBm)	WCDMA 3_Ant 1			Tune-up Limit (dBm)	WCDMA 3_Ant 6			Tune-up Limit (dBm)
	TX Channel	9282	9400	9538	1312	1413	1513	4132	4182	4233		
	Rx Channel	9562	9600	9638		1537	1638	1738		4357	4407	4458
	Frequency (MHz)	1852.4	1860	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	22.53	22.72	22.71	24.00	22.29	22.36	22.31	24.00	22.52	22.58	22.49
3GPP Rel 99	RMC 12.2Kbps	22.54	22.78	22.74	24.00	22.33	22.38	22.32	24.00	22.56	22.61	22.50
3GPP Rel 6	HSDPA Subtest-1	21.55	21.71	21.66	23.00	21.28	21.35	21.31	23.00	21.48	21.62	21.47
3GPP Rel 6	HSDPA Subtest-2	21.55	21.67	21.63	23.00	21.24	21.30	21.33	23.00	21.47	21.60	21.47
3GPP Rel 6	HSDPA Subtest-3	21.07	21.23	21.15	22.50	20.83	20.87	20.84	22.50	21.01	21.12	21.00
3GPP Rel 6	HSDPA Subtest-4	21.01	21.18	21.11	22.50	20.77	20.80	20.78	22.50	20.96	21.09	20.97
3GPP Rel 8	DC-HSDPA Subtest-1	21.81	21.88	21.87	23.00	21.23	21.24	21.26	23.00	21.62	21.67	21.58
3GPP Rel 8	DC-HSDPA Subtest-2	21.86	21.86	21.82	23.00	21.17	21.16	21.25	23.00	21.65	21.66	21.59
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.36	21.40	22.60	20.62	20.63	20.71	22.60	21.13	21.20	21.03
3GPP Rel 8	DC-HSDPA Subtest-4	21.30	21.35	21.30	22.50	20.67	20.64	20.70	22.50	21.09	21.18	21.14
3GPP Rel 6	HSUPA Subtest-1	19.52	19.70	19.71	21.00	19.25	19.32	19.26	21.00	19.45	19.44	19.42
3GPP Rel 6	HSUPA Subtest-2	19.52	19.67	19.63	21.00	19.28	19.30	19.25	21.00	19.43	19.45	19.46
3GPP Rel 6	HSUPA Subtest-3	20.54	20.71	20.71	22.00	20.31	20.34	20.28	22.00	20.45	20.46	20.47
3GPP Rel 6	HSUPA Subtest-4	19.06	19.21	19.20	21.00	19.00	19.05	19.03	21.00	19.04	19.03	19.01
3GPP Rel 6	HSUPA Subtest-5	20.50	20.70	20.60	22.00	20.20	20.30	20.30	22.00	20.40	20.60	20.40
3GPP Rel 7	HSUPA+ (16QAM) Subtest-1	19.63	19.67	19.62	20.50	19.29	19.33	19.27	20.50	19.43	19.44	19.48

Full & Default Power Mode

n2_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Turn-up time (min)	MFR (dB)			
Channel											
Frequency (MHz)											
40	PUSC BPSK	1	1	22.51	22.52	22.48					
40	PUSC BPSK	1	108	22.50	22.44	22.29	24.0	0.0			
40	PUSC BPSK	1	214	22.51	22.42	22.38					
40	PUSC BPSK	108	0	22.37	22.51	22.40	23.5	0.5			
40	PUSC BPSK	108	54	22.37	22.40	22.42	23.5	0.5			
40	PUSC BPSK	108	108	22.41	22.48	22.49	23.5	0.5			
40	PUSC BPSK	216	0	22.29	22.43	22.35					
40	QPSK	1	1	22.51	22.58	22.51					
40	QPSK	1	108	22.50	22.51	22.40	24.0	0.0			
40	QPSK	1	214	22.50	22.44	22.31					
40	QPSK	108	0	22.38	22.48	22.40	33.0	1.0			
40	QPSK	108	54	22.45	22.53	22.45	24.0	0.0			
40	QPSK	108	108	22.51	22.38	22.29	23.0	1.0			
40	QPSK	216	0	22.49	22.55	22.40					
40	16QAM	1	1	21.99	21.92	21.94	22.5	1.0			
40	16QAM	1	1	20.57	20.48	20.44	21.5	2.5			
40	256QAM	1	1	19.18	19.23	19.15	19.5	4.5			
Channel											
Frequency (MHz)											
30	QPSK	1	1	22.50	22.48	22.52	24.0	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	22.03	22.41	22.43	24.0	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	22.42	22.53	22.50	24.0	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	22.53	22.41	22.48	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.54	22.40	22.40	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	22.54	22.42	22.40	23.0	0.5			

n2(Other PA)_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PUSC BPSK	1	1	22.13	22.18	22.14			
40	PUSC BPSK	1	108	22.04	22.20	22.07	24.0		0.0
40	PUSC BPSK	1	214	22.02	22.01	22.08			
40	PUSC BPSK	108	0	21.98	22.15	22.14	23.5	0.5	
40	PUSC BPSK	108	54	22.11	22.09	22.04	24.0	0.5	
40	PUSC BPSK	108	108	22.08	22.12	22.10	23.5	0.5	
40	PUSC BPSK	216	0	21.93	22.12	22.05			
40	QPSK	1	1	22.11	22.25	22.15			
40	QPSK	1	108	22.02	22.21	22.09	24.0	0.0	
40	QPSK	1	214	22.04	22.04	22.03			
40	QPSK	108	0	22.04	22.17	22.10	23.0	1.0	
40	QPSK	108	54	22.13	22.21	22.14	24.0	0.0	
40	QPSK	108	108	21.97	22.19	21.92	23.0	1.0	
40	16QAM	1	1	21.26	21.17	21.14	23.0	1.0	
40	16QAM	1	1	20.03	20.22	20.17	21.5	2.5	
40	256QAM	1	1	18.85	18.97	18.92	19.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.04	22.03	22.02	24.0	0.5	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.03	22.11	22.01	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.01	22.00	22.01	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.07	22.04	22.01	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.09	22.07	22.02	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.02	22.07	22.05	24.0	0.0	

n5_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Turn-up time (min)	MFR (dB)			
Channel											
Frequency (MHz)											
20	PUSC BPSK	1	1	22.41	22.43	22.34					
20	PUSC BPSK	1	54	22.44	22.45	22.31	24.0	0.0			
20	PUSC BPSK	1	108	22.11	22.51	22.11					
20	PUSC BPSK	50	0	22.50	22.53	22.52	23.5	0.5			
20	PUSC BPSK	50	26	22.40	22.51	22.46	24.0	0.0			
20	PUSC BPSK	50	58	22.45	22.45	22.42	23.5	0.5			
20	PUSC BPSK	100	0	22.28	22.38	22.21					
20	QPSK	1	1	22.00	22.05	22.05					
20	QPSK	1	50	22.57	22.68	22.57	24.0	0.0			
20	QPSK	1	104	22.16	22.28	22.16					
20	QPSK	50	26	22.50	22.54	22.50	24.0	1.0			
20	QPSK	50	58	22.49	22.51	22.38	23.0	1.6			
20	QPSK	100	0	22.46	22.55	22.54					
20	16QAM	1	1	21.90	21.98	21.96	21.0				
20	16QAM	1	1	20.01	20.05	20.00	21.5	2.5			
20	256QAM	1	1	18.30	18.43	18.38	19.5	4.5			
Channel											
Frequency (MHz)											
10	QPSK	1	1	22.15	22.43	22.48	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	22.54	22.53	22.41	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	22.55	22.54	22.36	24.0	0.0			

Reduced Power Mode for Receiver On

n2_Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Med. Ch. Freq.	Power High Ch. Freq.	Turn-up time (dBm)
Channel							
Frequency (MHz)							
40	P102 BPSK	1	1	22.51	22.52	22.48	
40	P102 BPSK	1	108	22.50	22.48	22.25	24.0
40	P102 BPSK	1	214	22.53	22.42	22.38	
40	P102 BPSK	108	0	22.37	22.51	22.40	23.5
40	P102 BPSK	108	54	22.37	22.40	22.40	23.5
40	P102 BPSK	108	108	22.41	22.48	22.40	23.5
40	P102 BPSK	216	0	22.29	22.43	22.35	
40	QPSK	1	1	22.50	22.50	22.51	
40	QPSK	1	108	22.50	22.51	22.40	24.0
40	QPSK	1	214	22.50	22.44	22.31	
40	QPSK	108	0	22.50	22.48	22.40	23.8
40	QPSK	108	54	22.41	22.53	22.40	24.0
40	QPSK	108	108	22.25	22.39	22.39	23.9
40	QPSK	216	0	22.49	22.53	22.40	23.9
40	16QAM	1	1	21.20	21.42	21.40	23.5
40	16QAM	1	1	20.57	20.48	20.40	21.5
40	256QAM	1	1	19.18	19.23	19.10	19.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.20	22.48	22.50	24.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	22.49	22.41	22.43	24.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.42	22.53	22.50	24.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.53	22.41	22.40	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.54	22.40	22.40	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.24	22.48	22.40	24.0

n2(Other PA)_Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Med. Ch. Freq.	Power High Ch. Freq.	Turn-up time (dBm)
Channel							
Frequency (MHz)							
40	P102 BPSK	1	1	22.13	22.18	22.14	
40	P102 BPSK	1	108	22.04	22.20	22.07	24.0
40	P102 BPSK	1	214	22.00	22.01	22.00	
40	P102 BPSK	108	0	21.98	22.18	22.14	23.5
40	P102 BPSK	108	54	22.13	22.09	22.04	24.0
40	P102 BPSK	108	108	22.08	22.12	22.10	23.5
40	P102 BPSK	216	0	21.93	22.12	22.03	
40	QPSK	1	1	22.17	22.20	22.15	
40	QPSK	1	108	22.02	22.21	22.09	24.0
40	QPSK	1	214	22.04	22.00	22.00	
40	QPSK	108	0	22.04	22.17	22.10	23.8
40	QPSK	108	54	22.12	22.21	22.14	24.0
40	QPSK	108	108	21.87	21.99	21.92	23.9
40	QPSK	216	0	22.17	22.20	22.07	23.9
40	16QAM	1	1	21.20	21.17	21.14	23.5
40	16QAM	1	1	20.53	20.22	20.17	21.5
40	256QAM	1	1	19.85	19.87	19.82	19.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.14	22.09	22.00	24.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	22.10	22.01	22.01	24.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.01	22.00	22.01	24.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.07	22.04	22.01	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.02	22.07	22.02	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.02	22.07	22.02	24.0

n5_Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Med. Ch. Freq.	Power High Ch. Freq.	Turn-up time (dBm)
Channel							
Frequency (MHz)							
30	P102 BPSK	1	1	22.41	22.43	22.34	
30	P102 BPSK	1	53	22.44	22.45	22.31	24.0
30	P102 BPSK	1	108	22.11	22.33	22.11	
30	P102 BPSK	50	0	22.50	22.53	22.52	23.5
30	P102 BPSK	50	26	22.45	22.51	22.46	24.0
30	P102 BPSK	50	58	22.45	22.45	22.42	23.5
30	P102 BPSK	100	0	22.28	22.36	22.21	23.5
30	QPSK	1	1	22.40	22.40	22.40	
30	QPSK	1	33	22.37	22.40	22.37	24.0
30	QPSK	1	108	22.10	22.20	22.10	
30	QPSK	50	0	22.41	22.50	22.43	23.8
30	QPSK	50	26	22.40	22.44	22.40	24.0
30	QPSK	50	58	22.40	22.50	22.38	23.9
30	QPSK	100	0	22.48	22.50	22.54	23.9
30	16QAM	1	1	21.80	21.80	21.80	19.5
30	16QAM	1	1	20.01	20.05	20.03	21.5
30	256QAM	1	1	19.30	19.43	19.30	19.5
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.55	22.43	22.40	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.54	22.53	22.41	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.55	22.54	22.35	24.0

n7_Ant 1							
RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power High Ch. 1 Power	Power High Ch. 1 Power	Time-up limit (dBm)
Channel				505000	507000	509000	
Frequency [MHz]				24.0	24.0	24.0	
30	PICS BPSK	1	1	22.18	22.21	22.17	24.0
30	PICS BPSK	1	135	22.01	22.02	22.00	24.0
30	PICS BPSK	1	268	22.11	22.12	22.10	24.0
30	PICS BPSK	135	0	22.12	22.10	22.13	24.0
30	PICS BPSK	135	68	22.05	22.06	22.04	24.0
30	PICS BPSK	135	135	21.93	21.97	21.89	24.0
30	QPSK	1	1	22.18	22.23	22.19	24.0
30	QPSK	1	135	22.14	22.22	22.17	24.0
30	QPSK	1	268	22.11	22.10	22.11	24.0
30	QPSK	135	0	21.89	21.98	21.88	24.0
30	QPSK	135	68	22.04	22.06	22.05	24.0
30	QPSK	135	135	21.98	22.01	21.99	24.0
30	16QAM	1	1	21.75	21.79	21.84	24.0
30	16QAM	1	1	20.58	20.71	20.67	24.0
30	256QAM	1	1	18.57	18.58	18.44	24.0
Channel				505000	507000	509000	
Frequency [MHz]				24.0	24.0	24.0	
40	QPSK	1	1	21.98	22.04	22.00	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
30	QPSK	1	1	22.08	22.12	22.08	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
20	QPSK	1	1	22.17	22.15	22.13	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
15	QPSK	1	1	22.18	22.11	22.13	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
10	QPSK	1	1	22.11	22.10	22.07	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
5	QPSK	1	1	22.12	22.10	22.08	24.0

n7(Other PA)_Ant 1							
RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power High Ch. 1 Power	Power High Ch. 1 Power	Time-up limit (dBm)
Channel				505000	507000	509000	
Frequency [MHz]				24.0	24.0	24.0	
30	PICS BPSK	1	1	22.05	22.06	22.03	24.0
30	PICS BPSK	1	135	22.04	22.06	22.03	24.0
30	PICS BPSK	1	268	22.01	22.02	22.00	24.0
30	PICS BPSK	135	0	22.04	22.04	22.07	24.0
30	PICS BPSK	135	68	22.06	22.06	22.05	24.0
30	PICS BPSK	135	135	22.01	22.05	22.03	24.0
30	QPSK	1	1	22.05	22.06	22.03	24.0
30	QPSK	1	135	22.03	22.07	22.03	24.0
30	QPSK	1	268	22.04	22.01	22.05	24.0
30	QPSK	135	0	22.01	22.05	22.04	24.0
30	QPSK	135	68	22.04	22.06	22.05	24.0
30	QPSK	135	135	22.01	22.04	22.01	24.0
30	16QAM	1	1	22.05	22.05	22.03	24.0
30	16QAM	1	1	20.88	20.88	20.84	24.0
30	256QAM	1	1	18.66	18.62	18.59	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
40	QPSK	1	1	22.04	22.05	22.06	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
30	QPSK	1	1	22.01	22.03	22.04	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
20	QPSK	1	1	22.04	22.01	22.02	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
15	QPSK	1	1	22.08	22.01	22.04	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
10	QPSK	1	1	22.05	22.03	22.06	24.0
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
5	QPSK	1	1	22.05	22.03	22.07	24.0

n7_Ant 4							
RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power High Ch. 1 Power	Power High Ch. 1 Power	Time-up limit (dBm)
Channel				505000	507000	509000	
Frequency [MHz]				24.0	24.0	24.0	
30	PICS BPSK	1	1	18.18	18.13	18.13	19.5
30	PICS BPSK	1	135	18.09	18.15	18.16	19.5
30	PICS BPSK	1	268	18.16	18.07	18.08	19.5
30	PICS BPSK	135	0	18.11	18.09	18.14	19.5
30	PICS BPSK	135	68	18.19	18.13	18.21	19.5
30	PICS BPSK	135	135	18.13	18.13	18.21	19.5
30	QPSK	1	1	18.21	18.18	18.18	19.5
30	QPSK	1	135	18.22	18.20	18.21	19.5
30	QPSK	1	268	18.09	18.17	18.13	19.5
30	QPSK	1	268	18.16	18.13	18.14	19.5
30	QPSK	135	0	18.11	18.14	18.14	19.5
30	QPSK	135	68	18.01	18.14	18.15	19.5
30	QPSK	135	135	18.01	18.13	18.20	19.5
30	16QAM	1	1	16.09	16.04	16.03	16.5
30	16QAM	1	1	16.04	16.14	17.08	16.5
30	256QAM	1	1	14.05	14.12	14.07	14.5
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
40	QPSK	1	1	18.09	18.11	18.08	19.5
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
30	QPSK	1	1	18.09	18.13	18.08	19.5
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
20	QPSK	1	1	17.88	18.18	18.08	19.5
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
15	QPSK	1	1	18.09	18.12	18.09	19.5
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
10	QPSK	1	1	18.09	18.17	17.99	19.5
Channel				505000	507000	511000	
Frequency [MHz]				24.0	24.0	24.0	
5	QPSK	1	1	18.13	18.12	18.08	19.5

[illegible]

Reduced Power Mode for Handheld On

n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low	Power Media	Power High	Time-up time (dBm)		
Channel									
Frequency (MHz)									
40	PLV BPSK	1	1	21.07	21.07	21.08			
40	PLV BPSK	1	108	21.04	21.06	21.06	23.0	0.0	
40	PLV BPSK	1	214	21.00	21.06	21.06			
40	PLV BPSK	108	5	21.00	21.01	21.01	23.0	0.0	
40	PLV BPSK	108	54	21.06	21.01	21.01	23.0	0.0	
40	PLV BPSK	108	108	21.00	21.00	21.00			
40	PLV BPSK	216	5	21.07	21.01	21.00	23.0	0.0	
40	QPSK	1	1	21.05	21.05	21.05			
40	QPSK	1	108	21.03	21.06	21.05	23.0	0.0	
40	QPSK	1	214	21.05	21.03	21.04			
40	QPSK	108	5	21.03	21.03	21.03	23.0	0.0	
40	QPSK	108	54	21.03	21.06	21.01	23.0	0.0	
40	QPSK	108	108	21.03	21.03	21.03	23.0	0.0	
40	QPSK	216	5	21.01	21.03	21.04	23.0	0.0	
40	16QAM	1	1	21.05	21.02	21.00	23.0	0.0	
40	256QAM	1	1	19.12	19.13	19.13	19.5	3.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.49	21.57	21.48	23.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	21.50	21.50	21.49	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.57	21.44	21.43	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.45	21.06	21.06	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.01	21.03	21.00	23.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	21.45	21.48	21.50	23.0	0.0	

n2(Other PA)_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Max Ch. Freq.	Power High Ch. Freq.	Time-up time (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PLV BPSK	1	1	21.06	21.06	21.06			
40	PLV BPSK	1	108	21.00	21.24	21.20	23.0	0.0	
40	PLV BPSK	1	214	21.02	21.17	21.16			
40	PLV BPSK	108	5	21.05	21.25	21.20	23.0	0.0	
40	PLV BPSK	108	54	21.04	21.22	21.15	23.0	0.0	
40	PLV BPSK	108	108	21.06	21.14	21.20			
40	PLV BPSK	216	5	21.04	21.19	21.18	23.0	0.0	
40	QPSK	1	1	21.20	21.38	21.27			
40	QPSK	1	108	21.24	21.33	21.24	23.0	0.0	
40	QPSK	1	214	21.24	21.24	21.25			
40	QPSK	108	5	21.01	21.26	21.26	23.0	0.0	
40	QPSK	108	54	21.14	21.27	21.21	23.0	0.0	
40	QPSK	108	108	21.05	21.13	21.16	23.0	0.0	
40	QPSK	216	5	21.01	21.25	21.14	23.0	0.0	
40	16QAM	1	1	21.05	21.22	21.17	23.0	0.0	
40	16QAM	1	1	20.95	20.92	20.91	21.5	1.5	
40	256QAM	1	1	19.85	19.97	19.94	19.5	3.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.16	21.30	21.25	23.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	21.24	21.26	21.19	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.28	21.30	21.13	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.28	21.06	21.06	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.14	21.25	21.14	23.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	21.27	21.32	21.19	23.0	0.0	

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Max Ch. Freq.	Power High Ch. Freq.	Time-up time (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
30	PLV BPSK	1	1	22.41	22.43	22.34			
30	PLV BPSK	1	53	22.41	22.45	22.31	24.0	0.0	
30	PLV BPSK	1	104	22.11	22.23	22.11			
30	PLV BPSK	50	5	22.50	22.51	22.52	23.5	0.5	
30	PLV BPSK	50	26	22.45	22.51	22.45	24.0	0.0	
30	PLV BPSK	50	50	22.45	22.45	22.45			
30	PLV BPSK	100	5	22.28	22.36	22.21	23.5	0.5	
30	QPSK	1	1	22.07	22.07	22.07			
30	QPSK	1	53	22.37	22.46	22.37	24.0	0.0	
30	QPSK	1	104	22.15	22.28	22.16			
30	QPSK	50	5	22.41	22.50	22.43	23.0	1.0	
30	QPSK	50	26	22.46	22.54	22.41	24.0	0.0	
30	QPSK	50	50	22.46	22.51	22.50			
30	QPSK	100	5	22.46	22.55	22.54	23.0	1.0	
30	16QAM	1	1	21.93	22.08	21.98	23.0	1.0	
30	16QAM	1	1	20.91	20.95	20.93	21.5	1.5	
30	256QAM	1	1	19.30	19.43	19.36	19.5	4.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.55	22.43	22.46	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.54	22.53	22.41	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.53	22.44	22.18	24.0	0.0	

Reduced Power Mode for HotSpot On

n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Main Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				1840	1840	1840			
40	PUSC-BPSK	1	1	18.01	18.18	18.07			
40	PUSC-BPSK	1	108	18.05	18.04	18.88	20.5	0.0	
40	PUSC-BPSK	1	214	18.12	18.15	18.03			
40	PUSC-BPSK	108	0	18.12	18.02	18.10	20.5	0.0	
40	PUSC-BPSK	108	54	18.21	18.06	18.12	20.5	0.0	
40	PUSC-BPSK	108	108	18.02	18.12	18.08	20.5	0.0	
40	PUSC-BPSK	216	0	18.01	18.11	18.08			
40	QPSK	1	1	18.12	18.17	18.13			
40	QPSK	1	108	18.12	18.11	18.02	20.5	0.0	
40	QPSK	1	214	18.12	18.14	18.08			
40	QPSK	108	0	18.01	18.12	18.04	20.5	0.0	
40	QPSK	108	54	18.02	18.10	18.11	20.5	0.0	
40	QPSK	108	108	18.01	18.10	18.08	20.5	0.0	
40	QPSK	216	0	18.01	18.12	18.10			
40	16QAM	1	1	18.01	18.04	18.08	20.5	0.0	
40	16QAM	1	1	18.01	18.11	18.07	20.5	0.0	
40	256QAM	1	1	18.17	18.17	18.12	18.5	1.0	
Channel									
Frequency (MHz)				18400	18400	18400			
30	QPSK	1	1	18.12	18.14	18.09	20.5	0.0	
Frequency (MHz)				1840.5	1840	1840.5			
25	QPSK	1	1	18.43	18.07	18.13	20.5	0.0	
Channel									
Frequency (MHz)				18400	18400	18400			
20	QPSK	1	1	18.40	18.08	18.08	20.5	0.0	
Channel									
Frequency (MHz)				18400	18400	18400			
15	QPSK	1	1	18.01	18.02	18.03	20.5	0.0	
Channel									
Frequency (MHz)				18400	18400	18400			
15	QPSK	1	1	18.02	18.03	18.07	20.5	0.0	
Channel									
Frequency (MHz)				18400	18400	18400			
5	QPSK	1	1	18.02	18.02	18.01	20.5	0.0	

n2(Other PA)_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Main Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				1840	1840	1840			
40	PUSC-BPSK	1	1	18.03	18.18	18.07			
40	PUSC-BPSK	1	108	18.01	18.08	18.03	20.5	0.0	
40	PUSC-BPSK	1	214	18.05	18.07	18.08			
40	PUSC-BPSK	108	0	18.05	18.12	18.01	20.5	0.0	
40	PUSC-BPSK	108	54	18.09	18.06	18.09	20.5	0.0	
40	PUSC-BPSK	108	108	18.05	18.18	18.02	20.5	0.0	
40	PUSC-BPSK	216	0	18.04	18.09	18.03			
40	QPSK	1	1	18.11	18.05	18.11			
40	QPSK	1	108	18.09	18.08	18.01	20.5	0.0	
40	QPSK	1	214	18.09	18.10	18.02			
40	QPSK	108	0	18.05	18.12	18.02	20.5	0.0	
40	QPSK	108	54	18.10	18.10	18.03	20.5	0.0	
40	QPSK	108	108	18.05	18.10	18.01	20.5	0.0	
40	QPSK	216	0	18.02	18.04	18.08			
40	16QAM	1	1	18.02	18.11	18.08	20.5	0.0	
40	16QAM	1	1	18.07	18.13	18.05	20.5	0.0	
40	256QAM	1	1	18.04	18.14	18.02	18.5	1.0	
Channel				37000	37000	37000			
Frequency (MHz)				1840	1840	1840			
30	QPSK	1	1	18.12	18.10	18.12	20.5	0.0	
Channel				37000	37000	37000			
Frequency (MHz)				1840.5	18400	1840.5			
25	QPSK	1	1	18.43	18.10	18.43	20.5	0.0	
Channel				37000	37000	37000			
Frequency (MHz)				18400	18400	18400			
20	QPSK	1	1	18.41	18.03	18.40	20.5	0.0	
Channel				37000	37000	37000			
Frequency (MHz)				18400	18400	18400			
15	QPSK	1	1	18.05	18.10	18.09	20.5	0.0	
Channel				37100	37000	38100	Time-up limit (dBm)		
10	QPSK	1	1	18.08	18.10	18.07	20.5	0.0	
Channel				37000	37000	37000	Time-up limit (dBm)		
Frequency (MHz)				18400	18400	18400	Time-up limit (dBm)		
5	QPSK	1	1	18.08	18.11	18.01	20.5	0.0	

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Main Ch / Freq	Power High Ch / Freq	Time-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				1840	18400	18400			
20	PUSC-BPSK	1	1	22.41	22.43	22.34			
20	PUSC-BPSK	1	53	22.44	22.45	22.31	24.0	0.0	
20	PUSC-BPSK	1	104	22.11	22.23	22.11			
20	PUSC-BPSK	50	0	22.59	22.53	22.52	20.5	0.0	
20	PUSC-BPSK	50	26	22.46	22.51	22.49	24.0	0.0	
20	PUSC-BPSK	50	54	22.45	22.49	22.42	20.5	0.0	
20	PUSC-BPSK	100	0	22.28	22.38	22.21	23.5	0.5	
20	QPSK	1	1	22.01	22.03	22.01			
20	QPSK	1	53	22.57	22.48	22.57	24.0	0.0	
20	QPSK	1	104	22.16	22.28	22.16			
20	QPSK	50	0	22.41	22.55	22.43	20.5	1.0	
20	QPSK	50	26	22.50	22.54	22.50	24.0	0.0	
20	QPSK	50	54	22.49	22.53	22.54	20.0	1.0	
20	QPSK	100	0	22.48	22.50	22.54			
20	16QAM	1	1	21.92	21.99	21.92	24.0	1.0	
20	16QAM	1	1	20.91	20.95	20.93	21.5	2.0	
20	256QAM	1	1	18.30	18.43	18.30	19.5	4.0	
Channel									
Frequency (MHz)				831.5	831.5	841.5			
15	QPSK	1	1	22.10	22.43	22.42	24.0	0.0	
Channel									
Frequency (MHz)				831.5	831.5	841.5			
10	QPSK	1	1	22.54	22.53	22.41	24.0	0.0	
Channel									
Frequency (MHz)				1663.0	1673.0	1663.0	Time-up limit (dBm)	MPE	
5	QPSK	1	1	22.55	22.54	22.55	24.0	0.0	

[illegible]

Part27Q_n77_Ant 7										
RFI (MHz)	Modulation	RB Desc	RB Offset	Power Low Ch. 1 (Freq)	Power High Ch. 1 (Freq)	Power High Ch. 2 (Freq)	Time-up time (min)	MPN (dB)		
Channel										
Frequency (MHz)										
100	P10-BPSK	1	1	12.76	12.76	12.76				
100	P10-BPSK	1	127	12.83	12.83	12.83	14.0	0.0		
100	P10-BPSK	1	271	12.76	12.76	12.76				
100	P10-BPSK	1	369	12.74	12.74	12.74	14.0	0.0		
100	P10-BPSK	1	467	12.71	12.71	12.71	14.0	0.0		
100	P10-BPSK	1	565	12.81	12.81	12.81	14.0	0.0		
100	P10-BPSK	1	663	12.85	12.85	12.85	14.0	0.0		
100	P10-BPSK	1	761	12.82	12.82	12.82	14.0	0.0		
100	P10-BPSK	1	859	12.84	12.84	12.84	14.0	0.0		
100	P10-BPSK	1	957	12.87	12.87	12.87	14.0	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
70	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
30	QPSK	1	1	12.74	12.74	12.74	14.0	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	12.71	12.71	12.71	14.0	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	12.81	12.81	12.81	14.0	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	12.84	12.84	12.84	14.0	0.0		

Part27Q_n77_Ant 7										
RFI (MHz)	Modulation	RB Desc	RB Offset	Power Low Ch. 1 (Freq)	Power High Ch. 1 (Freq)	Power High Ch. 2 (Freq)	Time-up time (min)	MPN (dB)		
Channel										
Frequency (MHz)										
100	P10-BPSK	1	1	12.76	12.76	12.76				
100	P10-BPSK	1	127	12.76	12.76	12.76	14.0	0.0		
100	P10-BPSK	1	271	12.76	12.76	12.76				
100	P10-BPSK	1	369	12.76	12.76	12.76	14.0	0.0		
100	P10-BPSK	1	467	12.76	12.76	12.76	14.0	0.0		
100	P10-BPSK	1	565	12.76	12.76	12.76	14.0	0.0		
100	P10-BPSK	1	663	12.76	12.76	12.76	14.0	0.0		
100	P10-BPSK	1	761	12.76	12.76	12.76	14.0	0.0		
100	P10-BPSK	1	859	12.76	12.76	12.76	14.0	0.0		
100	P10-BPSK	1	957	12.76	12.76	12.76	14.0	0.0		
100	QPSK	1	1	12.76	12.76	12.76				
100	QPSK	1	127	12.76	12.76	12.76	14.0	0.0		
100	QPSK	1	271	12.76	12.76	12.76				
100	QPSK	1	369	12.76	12.76	12.76	14.0	0.0		
100	QPSK	1	467	12.76	12.76	12.76	14.0	0.0		
100	QPSK	1	565	12.76	12.76	12.76	14.0	0.0		
100	QPSK	1	663	12.76	12.76	12.76	14.0	0.0		
100	QPSK	1	761	12.76	12.76	12.76	14.0	0.0		
100	QPSK	1	859	12.76	12.76	12.76	14.0	0.0		
100	QPSK	1	957	12.76	12.76	12.76	14.0	0.0		
100	SSB-AM	1	1	12.76	12.76	12.76	14.0	0.0		
100	SSB-AM	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
90	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
70	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
30	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	12.76	12.76	12.76	14.0	0.0		

Part27Q_n77_Ant 9										
RFI (MHz)	Modulation	RB Desc	RB Offset	Power Low Ch. 1 (Freq)	Power High Ch. 1 (Freq)	Power High Ch. 2 (Freq)	Time-up time (min)	MPN (dB)		
Channel										
Frequency (MHz)										
100	P10-BPSK	1	1	15.54	15.54	15.54				
100	P10-BPSK	1	127	15.54	15.54	15.54	17.5	0.0		
100	P10-BPSK	1	271	15.54	15.54	15.54				
100	P10-BPSK	1	369	15.54	15.54	15.54	17.5	0.0		
100	P10-BPSK	1	467	15.54	15.54	15.54	17.5	0.0		
100	P10-BPSK	1	565	15.54	15.54	15.54	17.5	0.0		
100	P10-BPSK	1	663	15.54	15.54	15.54	17.5	0.0		
100	P10-BPSK	1	761	15.54	15.54	15.54	17.5	0.0		
100	P10-BPSK	1	859	15.54	15.54	15.54	17.5	0.0		
100	P10-BPSK	1	957	15.54	15.54	15.54	17.5	0.0		
Channel										
30	QPSK	1	1	34.50	34.50	34.50	17.5	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	1	16.57	16.57	16.57	17.5	0.0		
Channel										
70	QPSK	1	1	16.48	16.48	16.48	17.5	0.0		
Channel										
80	QPSK	1	1	16.50	16.50	16.50	17.5	0.0		
Channel										
30	QPSK	1	1	16.50	16.50	16.50	17.5	0.0		
Channel										
20	QPSK	1	1	16.48	16.48	16.48	17.5	0.0		
Channel										
30	QPSK	1	1	16.57	16.57	16.57	17.5	0.0		
Channel										
20	QPSK	1	1	16.57	16.57	16.57	17.5	0.0		
Channel										
30	QPSK	1	1	16.50	16.50	16.50	17.5	0.0		
Channel										
20	QPSK	1	1	16.48	16.48	16.48	17.5	0.0		
Channel										
20	QPSK	1	1	16.57	16.57	16.57	17.5	0.0		
Channel										
10	QPSK	1	1	16.57	16.57	16.57	17.5	0.0		
Channel										
10	QPSK	1	1	16.50	16.50	16.50	17.5	0.0		

Part27Q_n78_Ant 7									
RF (MHz)	Modulation	RF Size	RF Offset	Power L1 Ch. 1 (F/MHz)	Power F1 Ch. 1 (F/MHz)	Power F2 Ch. 1 (F/MHz)	Turn-up time (min)	SPR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	12.82					
100	P12-BPSK	1	137	12.82				14.0	0.0
100	P12-BPSK	1	271	12.82					
100	P12-BPSK	150	0	12.82				14.0	0.0
100	P12-BPSK	150	60	12.81				14.0	0.0
100	P12-BPSK	270	0	12.82					
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	137	12.82					
100	QPSK	150	0	12.81				14.0	0.0
100	QPSK	150	60	12.81					
100	QPSK	270	0	12.82				14.0	0.0
100	QPSK	150	150	12.82				14.0	0.0
100	QPSK	270	0	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
Channel									
Frequency (MHz)									
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0

Part27Q_n78_Ant 7									
RF (MHz)	Modulation	RF Size	RF Offset	Power L1 Ch. 1 (F/MHz)	Power F1 Ch. 1 (F/MHz)	Power F2 Ch. 1 (F/MHz)	Turn-up time (min)	SPR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	12.82					
100	P12-BPSK	1	137	12.82				14.0	0.0
100	P12-BPSK	1	271	12.81					
100	P12-BPSK	150	0	12.81				14.0	0.0
100	P12-BPSK	150	60	12.81				14.0	0.0
100	P12-BPSK	270	0	12.82					
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	137	12.82					
100	QPSK	150	0	12.81				14.0	0.0
100	QPSK	150	60	12.81					
100	QPSK	270	0	12.82				14.0	0.0
100	QPSK	150	150	12.82				14.0	0.0
100	QPSK	270	0	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
Channel									
Frequency (MHz)									
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0
100	QPSK	1	1	12.82				14.0	0.0

Part27Q_n78_Ant 9									
RF (MHz)	Modulation	RF Size	RF Offset	Power L1 Ch. 1 (F/MHz)	Power F1 Ch. 1 (F/MHz)	Power F2 Ch. 1 (F/MHz)	Turn-up time (min)	SPR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	12.82					
100	P12-BPSK	1	137	12.82				17.5	0.0
100	P12-BPSK	1	271	12.81					
100	P12-BPSK	150	0	12.81				17.5	0.0
100	P12-BPSK	150	60	12.81				17.5	0.0
100	P12-BPSK	270	0	12.82					
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	137	12.82					
100	QPSK	150	0	12.81				17.5	0.0
100	QPSK	150	60	12.81					
100	QPSK	270	0	12.82				17.5	0.0
100	QPSK	150	150	12.82				17.5	0.0
100	QPSK	270	0	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
Channel									
Frequency (MHz)									
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0

Part27Q_n78_Ant 9									
RF (MHz)	Modulation	RF Size	RF Offset	Power L1 Ch. 1 (F/MHz)	Power F1 Ch. 1 (F/MHz)	Power F2 Ch. 1 (F/MHz)	Turn-up time (min)	SPR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	12.82					
100	P12-BPSK	1	137	12.82				17.5	0.0
100	P12-BPSK	1	271	12.81					
100	P12-BPSK	150	0	12.81				17.5	0.0
100	P12-BPSK	150	60	12.81				17.5	0.0
100	P12-BPSK	270	0	12.82					
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	137	12.82					
100	QPSK	150	0	12.81				17.5	0.0
100	QPSK	150	60	12.81					
100	QPSK	270	0	12.82				17.5	0.0
100	QPSK	150	150	12.82				17.5	0.0
100	QPSK	270	0	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
Channel									
Frequency (MHz)									
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0
100	QPSK	1	1	12.82				17.5	0.0

Reduced Power Mode for Sensor Off

n2_Ant 1									
RF [MHz]	Modulation	RF Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Time-up time (min)	LPIR (dB)	
Channel									
Frequency (MHz)									
40	PLC BPSK	1	1	22.51	22.50	22.48			
40	PLC BPSK	1	106	22.50	22.44	22.29	24.0	0.0	
40	PLC BPSK	1	214	22.53	22.42	22.58			
40	PLC BPSK	106	0	22.57	22.51	22.45	23.5	0.5	
40	PLC BPSK	106	54	22.57	22.49	22.43	24.0	0.0	
40	PLC BPSK	106	106	22.41	22.49	22.49	23.5	0.5	
40	QPSK	1	1	22.53	22.52	22.51			
40	QPSK	1	106	22.50	22.51	22.42	24.0	0.0	
40	QPSK	1	214	22.49	22.44	22.51			
40	QPSK	106	0	22.59	22.49	22.49	23.0	1.0	
40	QPSK	106	54	22.53	22.53	22.53	24.0	0.0	
40	QPSK	106	106	22.25	22.52	22.25	23.0	1.0	
40	QPSK	216	0	22.46	22.53	22.42	23.0	1.0	
40	ssQAM	1	1	21.20	21.20	21.46	23.0	1.0	
40	ssQAM	1	1	20.57	20.48	20.40	24.0	2.5	
40	ssQAM	1	1	19.29	19.29	19.10	23.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.50	22.48	22.50	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.49	22.41	22.43	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.42	22.53	22.50	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.53	22.41	22.45	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.24	22.43	22.40	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.54	22.42	22.48	24.0	0.0	

n2(Other PA)_Ant 1									
RF [MHz]	Modulation	RF Size	RF Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Time-up time (min)	LPIR (dB)	
Channel									
Frequency (MHz)									
40	PLC BPSK	1	1	22.13	22.18	22.14		24.0	0.0
40	PLC BPSK	1	106	22.54	22.20	22.07			
40	PLC BPSK	1	214	22.00	22.07	22.08			
40	PLC BPSK	106	0	21.98	22.15	22.14		23.5	0.5
40	PLC BPSK	106	54	22.13	22.09	22.04		24.0	0.0
40	PLC BPSK	106	106	22.08	22.12	22.10		23.5	0.5
40	PLC BPSK	216	0	21.95	22.12	22.02			
40	QPSK	1	1	22.17	22.25	22.13			
40	QPSK	1	106	22.02	22.21	22.08		24.0	0.0
40	QPSK	1	214	22.04	22.05	22.03			
40	QPSK	106	0	22.04	22.17	22.10		23.0	1.0
40	QPSK	106	54	22.12	22.12	22.12		24.0	0.0
40	QPSK	106	106	21.87	21.99	21.82		23.0	1.0
40	QPSK	216	0	22.17	22.20	22.02		23.0	1.0
40	ssQAM	1	1	21.20	21.17	21.14		23.0	1.0
40	ssQAM	1	1	20.53	20.22	20.17		23.5	2.5
40	ssQAM	1	1	19.86	19.97	19.22		23.0	4.5
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.04	22.03	22.00		24.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.03	22.11	22.01		24.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.01	22.05	22.01		24.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.07	22.04	22.00		24.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.10	22.07	22.02		24.0	0.0
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.10	22.07	22.02		24.0	0.0

n5_Ant 0									
RF [MHz]	Modulation	RF Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Time-up time (min)	LPIR (dB)	
Channel									
Frequency (MHz)									
30	PLC BPSK	1	1	22.41	22.43	22.34			
30	PLC BPSK	1	86	22.44	22.45	22.31		24.0	0.0
30	PLC BPSK	1	164	22.11	22.23	22.11			
30	PLC BPSK	86	0	22.50	22.53	22.50		23.5	0.5
30	PLC BPSK	86	38	22.45	22.51	22.45		24.0	0.0
30	PLC BPSK	86	76	22.45	22.49	22.42		23.5	0.5
30	PLC BPSK	164	0	22.30	22.30	22.21			
30	QPSK	1	1	22.00	22.05	22.03			
30	QPSK	1	53	22.57	22.66	22.57		24.0	0.0
30	QPSK	1	164	22.15	22.29	22.16			
30	QPSK	86	0	22.41	22.50	22.43		23.0	1.0
30	QPSK	86	38	22.45	22.50	22.45		24.0	0.0
30	QPSK	86	76	22.48	22.63	22.38		23.0	1.0
30	16QAM	1	1	21.03	22.08	21.38		23.0	1.0
30	ssQAM	1	1	20.01	20.00	20.01		21.0	2.0
30	ssQAM	1	1	19.30	18.43	18.36		23.0	4.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.15	22.15	22.15		24.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.54	22.53	22.41		24.0	0.0
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.55	22.54	22.38		24.0	0.0

n7_Ant 1							
SV [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (min)
Channel							
Frequency (MHz)							
50	PIC-BPSK	1	1	22.16	22.21	22.27	24.0
50	PIC-BPSK	1	1	22.01	22.02	22.03	24.0
50	PIC-BPSK	1	268	22.11	22.12	22.13	24.0
50	PIC-BPSK	135	0	22.12	22.13	22.14	24.0
50	PIC-BPSK	135	68	22.03	22.05	22.08	24.0
50	PIC-BPSK	135	135	21.93	21.97	21.99	24.0
50	PIC-BPSK	270	0	21.96	21.97	21.98	24.0
50	QPSK	1	1	22.16	22.21	22.27	24.0
50	QPSK	1	135	22.14	22.22	22.33	24.0
50	QPSK	1	268	22.11	22.15	22.21	24.0
50	QPSK	135	0	21.89	21.88	21.89	24.0
50	QPSK	135	68	21.76	21.78	21.80	24.0
50	QPSK	135	135	21.68	21.67	21.65	24.0
50	QPSK	270	0	21.68	21.67	21.65	24.0
50	IS-64QAM	1	1	21.75	21.78	21.84	24.0
50	IS-64QAM	1	1	20.58	20.71	20.87	24.0
50	IS-64QAM	1	1	18.37	18.58	18.94	24.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	22.08	22.04	22.10	24.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.08	22.12	22.08	24.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	22.08	22.10	22.14	24.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.17	22.15	22.15	24.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.16	22.11	22.13	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.11	22.18	22.07	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.12	22.10	22.08	24.0

n7(Other PA)_Ant 1							
SV [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (min)
Channel							
Frequency (MHz)							
50	PIC-BPSK	1	1	22.85	22.88	22.93	24.0
50	PIC-BPSK	1	135	22.84	22.89	22.93	24.0
50	PIC-BPSK	1	268	22.91	22.92	22.98	24.0
50	PIC-BPSK	135	0	22.84	22.84	22.87	24.0
50	PIC-BPSK	135	68	22.86	22.88	22.93	24.0
50	PIC-BPSK	135	135	22.91	22.92	22.93	24.0
50	PIC-BPSK	270	0	22.87	22.92	22.93	24.0
50	QPSK	1	1	22.85	22.88	22.93	24.0
50	QPSK	1	135	22.83	22.87	22.85	24.0
50	QPSK	1	268	22.84	22.91	22.85	24.0
50	QPSK	135	0	22.71	22.68	22.64	24.0
50	QPSK	135	68	22.65	22.65	22.65	24.0
50	QPSK	135	135	22.71	22.64	22.61	24.0
50	QPSK	270	0	22.75	22.65	22.70	24.0
50	IS-64QAM	1	1	22.29	22.41	22.35	24.0
50	IS-64QAM	1	1	20.88	20.88	20.94	24.0
50	IS-64QAM	1	1	18.65	18.65	18.70	24.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	22.94	22.95	22.98	24.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.91	22.92	22.94	24.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	22.94	22.91	22.92	24.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.88	22.91	22.94	24.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.93	22.94	22.95	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.85	22.93	22.86	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.85	22.85	22.87	24.0

n7_Ant 4							
SV [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (min)
Channel							
Frequency (MHz)							
50	PIC-BPSK	1	1	21.28	21.29	21.34	23.0
50	PIC-BPSK	1	135	21.07	21.03	21.02	23.0
50	PIC-BPSK	1	268	21.12	21.25	21.15	23.0
50	PIC-BPSK	135	0	21.22	21.24	21.24	23.0
50	PIC-BPSK	135	68	21.03	21.15	21.05	23.0
50	PIC-BPSK	135	135	21.04	21.05	20.91	23.0
50	PIC-BPSK	270	0	21.17	21.21	21.15	23.0
50	QPSK	1	1	21.27	21.25	21.32	23.0
50	QPSK	1	135	21.04	21.01	21.05	23.0
50	QPSK	1	268	21.05	21.07	21.02	23.0
50	QPSK	135	0	21.11	21.21	21.15	23.0
50	QPSK	135	68	21.02	21.05	21.02	23.0
50	QPSK	135	135	20.89	21.05	20.92	23.0
50	QPSK	270	0	21.02	21.14	21.04	23.0
50	IS-64QAM	1	1	21.08	21.13	21.02	23.0
50	IS-64QAM	1	1	19.79	19.85	19.80	23.0
50	IS-64QAM	1	1	18.59	18.65	18.60	23.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	21.14	21.28	21.15	23.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	21.14	21.38	21.18	23.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	21.27	21.33	21.22	23.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	21.16	21.25	21.20	23.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	21.15	21.27	21.15	23.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	21.14	21.37	21.25	23.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	21.23	21.38	21.31	23.0

n26(FCC)_Ant 0							
RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)
Channel							
Frequency (MHz)							
35	P13 BPSK	1	1	22.39	22.41	22.39	
35	P13 BPSK	1	34	22.34	22.40	22.39	
35	P13 BPSK	1	104	22.39	22.42	22.37	
35	P13 BPSK	56	0	22.48	22.52	22.41	23.5
35	P13 BPSK	56	28	22.41	22.48	22.43	24.0
35	P13 BPSK	56	56	22.48	22.54	22.49	23.5
35	P13 BPSK	120	0	22.52	22.57	22.54	
35	QPSK	1	1	22.11	22.10	22.11	
35	QPSK	1	53	22.41	22.49	22.34	24.0
35	QPSK	1	104	22.39	22.34	22.19	
35	QPSK	56	0	22.34	22.38	22.23	23.0
35	QPSK	56	28	22.34	22.40	22.23	24.0
35	QPSK	56	56	22.41	22.48	22.29	23.0
35	QPSK	120	0	22.36	22.41	22.34	
35	16QAM	1	1	22.54	22.54	21.99	23.0
35	16QAM	1	1	20.92	21.02	21.03	21.5
35	256QAM	1	1	18.34	18.69	18.02	13.5
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.37	22.38	22.49	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.58	22.68	22.53	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.58	22.75	22.40	24.0

n66_Ant 1							
RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)
Channel							
Frequency (MHz)							
45	P13 BPSK	1	1	22.30	22.31	22.22	
45	P13 BPSK	1	120	22.14	22.20	22.15	24.0
45	P13 BPSK	1	248	22.18	22.25	22.09	
45	P13 BPSK	120	0	22.21	22.30	22.27	23.5
45	P13 BPSK	120	60	22.23	22.30	22.20	24.0
45	P13 BPSK	120	120	22.20	22.28	22.29	23.5
45	P13 BPSK	248	0	22.07	22.26	22.13	
45	QPSK	1	1	22.12	22.10	22.10	
45	QPSK	1	122	22.16	22.26	22.17	24.0
45	QPSK	1	248	22.21	22.29	22.16	
45	QPSK	120	0	22.13	22.28	22.24	23.0
45	QPSK	120	60	22.10	22.26	22.10	24.0
45	QPSK	120	120	22.08	22.21	22.11	23.0
45	QPSK	248	0	22.28	22.30	22.24	
45	16QAM	1	1	21.28	21.30	21.23	23.0
45	16QAM	1	1	20.22	20.20	20.20	21.5
45	256QAM	1	1	18.56	18.00	18.28	13.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	22.15	22.25	22.37	24.0
Channel							
Frequency (MHz)							
35	QPSK	1	1	22.14	22.30	22.31	24.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.17	22.20	22.31	24.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	22.19	22.28	22.28	24.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.10	22.20	22.23	24.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.25	22.25	22.21	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.17	22.20	22.26	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.23	22.33	22.31	24.0

n66(Other PA)_Ant 1							
RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)
Channel							
Frequency (MHz)							
45	P13 BPSK	1	1	22.58	22.62	22.42	
45	P13 BPSK	1	120	22.58	22.43	22.47	24.0
45	P13 BPSK	1	248	22.32	22.47	22.30	
45	P13 BPSK	120	0	22.45	22.55	22.51	23.5
45	P13 BPSK	120	60	22.49	22.59	22.52	24.0
45	P13 BPSK	120	120	22.47	22.50	22.50	23.5
45	P13 BPSK	248	0	22.56	22.47	22.41	
45	QPSK	1	1	22.12	22.05	22.11	
45	QPSK	1	122	22.40	22.53	22.50	24.0
45	QPSK	1	248	22.39	22.52	22.30	
45	QPSK	120	0	22.30	22.58	22.45	23.0
45	QPSK	120	60	22.10	22.45	22.10	24.0
45	QPSK	120	120	22.28	22.45	22.28	23.0
45	QPSK	248	0	22.51	22.55	22.48	
45	16QAM	1	1	21.98	21.90	21.48	23.0
45	16QAM	1	1	20.41	20.50	20.47	21.5
45	256QAM	1	1	18.21	18.20	18.30	13.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	22.50	22.55	22.48	24.0
Channel							
Frequency (MHz)							
35	QPSK	1	1	22.38	22.41	22.38	24.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.48	22.50	22.38	24.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	22.49	22.41	22.46	24.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.40	22.40	22.47	24.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.48	22.45	22.48	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.41	22.47	22.39	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.49	22.40	22.49	24.0

n66_Ant 4							
RF [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)
Channel							
Frequency (MHz)							
45	P13 BPSK	1	1	21.27	21.15	21.21	
45	P13 BPSK	1	120	21.08	21.17	21.05	23.0
45	P13 BPSK	1	248	21.05	21.13	21.10	
45	P13 BPSK	120	0	21.18	21.22	21.20	22.5
45	P13 BPSK	120	60	21.17	21.19	21.19	23.0
45	P13 BPSK	120	120	21.20	21.24	21.14	22.5
45	P13 BPSK	248	0	21.09	21.23	21.05	
45	QPSK	1	1	21.25	21.02	21.25	
45	QPSK	1	122	21.18	21.26	21.15	23.0
45	QPSK	1	248	21.12	21.18	21.11	
45	QPSK	120	0	21.10	21.19	21.24	22.0
45	QPSK	120	60	21.05	21.05	21.05	23.0
45	QPSK	120	120	21.00	21.10	21.02	22.0
45	QPSK	248	0	21.25	21.28	21.18	
45	16QAM	1	1	20.24	20.22	20.24	20.0
45	16QAM	1	1	19.21	19.50	19.29	20.0
45	256QAM	1	1	18.12	18.25	18.12	13.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	21.20	21.27	21.18	23.0
Channel							
Frequency (MHz)							
35	QPSK	1	1	21.18	21.26	21.22	23.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	21.22	21.17	21.22	23.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	21.05	21.08	21.00	23.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	21.22	21.19	21.18	23.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	21.14	21.23	21.22	23.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	21.28	21.13	21.22	23.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	21.00	20.95	20.87	23.0

Part270_n78_Ant 3									
SW (MHz)	Modulation	RF SS	RF Offset	Power Ch/Freq (dBm)	Power Ch/Freq (dBm)	Power Ch/Freq (dBm)	Tx-to-Rx Time (s)	A (dB)	
Frequency 1870.0									
180	QPSK	1	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	1	127	16.47	16.47	16.47	10.0	0.0	
180	QPSK	1	127	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	127	1	16.47	16.47	16.47	10.0	0.0	
180	QPSK	127	1	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK	126	0	16.47	16.47	16.47	10.0	0.0	
180	QPSK	126	0	16.40	16.40	16.40	10.0	0.0	
180	PSK BPSK								

<WLAN 2.4GHz FCC>

2.4GHz WLAN_Ant 6			Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Standalone		Extremity_Simultaneous		Hotspot				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %		
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.30	20.50	18.90	20.00	18.90	20.00	18.30	20.50	18.30	20.50	18.30	20.50	18.30	20.50	18.30	20.50	99.64	
		6	2437	19.80	20.50	19.40	20.00	18.30	20.00	17.00	19.80	20.50	17.30	18.00	18.80	20.50	18.80	20.50	18.40		19.50
		11	2462	19.30	20.50	18.80	20.00	18.90	20.00	17.00	19.30	20.50	16.90	18.00	19.30	20.50	19.30	20.50	18.40		19.50
	802.11g 6Mbps	1	2412	17.30	19.00	15.00	17.00	17.30	19.00	15.00	17.30	19.00	15.00	17.30	19.00	15.00	17.30	19.00	15.00	17.30	100.00
		6	2437	19.10	20.50	15.00	17.00	19.10	20.50	15.00	17.00	19.10	20.50	15.00	17.00	19.10	20.50	15.00	17.00	19.10	
		11	2462	17.70	19.50	15.00	17.00	17.70	19.50	15.00	17.00	17.70	19.50	15.00	17.00	17.70	19.50	15.00	17.00	17.70	
	802.11n-HT20 MCS0	1	2412	17.20	19.00	15.00	17.00	17.20	19.00	15.00	17.00	17.20	19.00	15.00	17.00	17.20	19.00	15.00	17.00	17.20	100.00
		6	2437	19.00	20.50	15.00	17.00	19.00	20.50	15.00	17.00	19.00	20.50	15.00	17.00	19.00	20.50	15.00	17.00	19.00	
		11	2462	16.80	18.50	15.00	17.00	16.80	18.50	15.00	17.00	16.80	18.50	15.00	17.00	16.80	18.50	15.00	17.00	16.80	
	802.11n-HT40 MCS0	3	2422	14.70	16.00	15.00	16.00	14.70	16.00	15.00	16.00	14.70	16.00	15.00	16.00	14.70	16.00	15.00	16.00	14.70	100.00
		6	2437	17.10	18.50	15.00	16.00	17.10	18.50	15.00	16.00	17.10	18.50	15.00	16.00	17.10	18.50	15.00	16.00	17.10	
		9	2432	14.60	16.00	15.00	16.00	14.60	16.00	15.00	16.00	14.60	16.00	15.00	16.00	14.60	16.00	15.00	16.00	14.60	
	802.11ac-VHT20 MCS0	1	2412	17.10	19.00	15.00	17.00	17.10	19.00	15.00	17.00	17.10	19.00	15.00	17.00	17.10	19.00	15.00	17.00	17.10	100.00
		6	2437	18.90	20.50	15.00	17.00	18.90	20.50	15.00	17.00	18.90	20.50	15.00	17.00	18.90	20.50	15.00	17.00	18.90	
		11	2462	16.70	18.50	15.00	17.00	16.70	18.50	15.00	17.00	16.70	18.50	15.00	17.00	16.70	18.50	15.00	17.00	16.70	
	802.11ac-VHT40 MCS0	3	2422	14.60	16.00	15.00	16.00	14.60	16.00	15.00	16.00	14.60	16.00	15.00	16.00	14.60	16.00	15.00	16.00	14.60	100.00
		6	2437	17.00	18.50	15.00	16.00	17.00	18.50	15.00	16.00	17.00	18.50	15.00	16.00	17.00	18.50	15.00	16.00	17.00	
		9	2432	14.50	16.00	15.00	16.00	14.50	16.00	15.00	16.00	14.50	16.00	15.00	16.00	14.50	16.00	15.00	16.00	14.50	

<WLAN 5GHz FCC>

5.2GHz WLAN_Ant 5			Default			Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Standalone		Extremity_Simultaneous		Hotspot		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.90	20.50	18.90	20.00	17.00	18.90	20.50	17.00	18.90	20.50	17.00	18.90	19.50	15.50	16.00	16.00	96.55
		40	5200	18.90	20.50	18.44	20.00	17.00	18.90	20.50	17.00	18.90	20.50	17.00	17.86	19.50	15.50	16.00	16.00	
		44	5220	18.90	20.50	18.48	20.00	17.00	18.90	20.50	17.00	18.90	20.50	17.00	17.86	19.50	15.50	16.00	16.00	
	802.11n-HT20 MCS0	48	5240	18.78	20.50	18.36	20.00	No Required	17.00	18.78	20.50	No Required	17.00	17.81	19.50	No Required	15.50	16.00	16.00	96.27
		36	5180	18.81	20.50	18.36	20.00	Required	17.00	18.81	20.50	Required	17.00	18.90	19.50	Required	15.50	16.00	16.00	
		40	5200	18.81	20.50	18.36	20.00	Required	17.00	18.81	20.50	Required	17.00	18.90	19.50	Required	15.50	16.00	16.00	
	802.11n-HT40 MCS0	48	5240	18.78	20.50	18.36	20.00	17.00	18.78	20.50	17.00	18.78	20.50	17.00	17.81	19.50	15.50	16.00	16.00	100.00
		36	5180	18.81	20.50	18.36	20.00	17.00	18.81	20.50	17.00	18.81	20.50	17.00	17.86	19.50	15.50	16.00	16.00	
		40	5200	18.78	20.50	18.36	20.00	17.00	18.78	20.50	17.00	18.78	20.50	17.00	17.81	19.50	15.50	16.00	16.00	
5.2GHz WLAN	802.11ac-VHT20 MCS0	36	5180	18.68	20.50	No Required	20.00	17.00	18.68	20.50	No Required	17.00	18.90	19.50	No Required	15.50	16.00	16.00	97.78	
		40	5200	18.66	20.50	No Required	20.00	17.00	18.66	20.50	No Required	17.00	18.90	19.50	No Required	15.50	16.00	16.00		
		44	5220	18.64	20.50	No Required	20.00	17.00	18.64	20.50	No Required	17.00	18.90	19.50	No Required	15.50	16.00	16.00		
	802.11ac-VHT40 MCS0	36	5180	18.64	20.50	No Required	20.00	17.00	18.66	20.50	No Required	17.00	18.90	19.50	No Required	15.50	16.00	16.00	100.00	
		40	5200	18.62	20.50	No Required	20.00	17.00	18.66	20.50	No Required	17.00	18.90	19.50	No Required	15.50	16.00	16.00		
		44	5220	18.60	20.50	No Required	20.00	17.00	18.60	20.50	No Required	17.00	18.90	19.50	No Required	15.50	16.00	16.00		
	802.11ac-VHT80 MCS0	48	5240	17.14	19.00	15.00	16.00	17.00	17.14	19.00	15.00	16.00	17.00	17.14	19.00	15.00	16.00	15.00	16.00	100.00
		36	5180	15.16	17.00	15.00	16.00	17.00	15.16	17.00	15.00	16.00	17.00	15.16	17.00	15.00	16.00	15.00	16.00	100.00
		42	5210	13.12	15.00	15.00	16.00	15.00	13.12	15.00	15.00	16.00	15.00	13.12	15.00	15.00	16.00	15.00	16.00	100.00

5.3GHz WLAN_Ant 5			Default		Head_Standalone		Head_Simultaneous		Body Worn_Standalone		Body Worn_Simultaneous		Extremity_Standalone		Extremity_Simultaneous		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.85	20.50	18.36	20.00	17.00	18.85	20.50	17.00	17.94	19.50	15.50			96.55	
		56	5280	18.89	20.50	18.38	20.00	17.00	18.89	20.50	17.00	17.86	19.50	15.50				
		60	5300	18.91	20.50	18.48	20.00	17.00	18.91	20.50	17.00	17.89	19.50	15.50				
	802.11n-HT20 MCS0	64	5320	18.39	20.50	18.39	20.00	17.00	18.39	20.50	17.00	17.86	19.50	15.50			96.27	
		52	5260	18.75	20.50		20.00	17.00	18.75	20.50	17.00	17.89	19.50	15.50				
		56	5280	18.78	20.50		20.00	17.00	18.78	20.50	17.00	17.90	19.50	15.50				
	802.11n-HT40 MCS0	60	5300	18.80	20.50		20.00	17.00	18.80	20.50	17.00	17.90	19.50	15.50			100.00	
		44	5320	17.25	19.00		19.00	17.00	17.25	19.00	15.23			No Request				
		54	5270	17.19	19.00		19.00	15.53		15.23				No Request				
	802.11ac-VHT20 MCS0	62	5310	15.25	17.00		17.00	15.55		15.25	17.00	15.25	17.00	17.00	15.50			97.78
		52	5260	18.62	20.50	No Request	20.00	17.00	18.62	20.50	17.00	17.89	19.50	15.50				
		56	5280	18.65	20.50	No Request	20.00	17.00	18.65	20.50	17.00	17.90	19.50	15.50				
802.11ac-VHT40 MCS0	60	5300	16.68	20.50		20.00	17.00	16.68	20.50	17.00	17.90	19.50	15.50			100.00		
	44	5320	17.11	19.00		19.00	17.00	17.11	19.00	15.00								
	54	5270	17.12	19.00		19.00	17.00	17.12	19.00	15.00								
802.11ac-VHT80 MCS0	52	5260	15.16	17.00		17.00	15.16	17.00		17.00	15.16	17.00	17.00	15.50				
802.11ac-VHT80 MCS0	58	5290	14.11	16.00		16.00	16.00	14.11	16.00		16.00	16.00	13.69	15.50	10.00			

BR / EDR			Ant 6		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 90	2402	10.20	8.60	8.40
	CH 39	2441	10.90	8.40	8.30
	CH 78	2480	10.80	8.40	8.40
Time-up Limit			12	10	10

BLE			Ant 6			
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	125K	500K
LE	CH 60	2402	1.20	1.40	1.30	1.20
	CH 19	2440	2.10	2.80	2.20	2.10
	CH 38	2480	1.60	1.80	1.70	1.60
Time-up Limit			3	3	3	3