

Full & Default Power

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	32.07	32.20	32.09	33.50	23.07	23.20	23.09	24.50
GPRS 1 Tx slot	32.18	32.30	32.16	33.50	23.18	23.30	23.16	24.50
GPRS 2 Tx slots	30.33	30.35	30.32	31.50	24.33	24.35	24.32	25.50
GPRS 3 Tx slots	28.27	28.32	28.17	29.50	24.01	24.06	23.91	25.24
GPRS 4 Tx slots	26.23	26.37	26.34	27.50	23.23	23.37	23.34	24.50
EDGE 1 Tx slot	26.14	26.21	26.18	27.50	17.14	17.21	17.18	18.50
EDGE 2 Tx slots	24.13	24.22	24.18	25.50	18.13	18.22	18.18	19.50
EDGE 3 Tx slots	21.85	21.92	21.78	23.50	17.59	17.66	17.52	19.24
EDGE 4 Tx slots	19.57	19.68	19.67	21.00	16.57	16.68	16.67	18.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	832.4	840.6	
3GPP Rel 99	AMR 12.2Kbps	23.40	23.40	23.38	24.00
3GPP Rel 99	RMC 12.2Kbps	23.44	23.46	23.42	24.00
3GPP Rel 6	HSDPA Subtest-1	22.68	22.54	22.60	23.00
3GPP Rel 6	HSDPA Subtest-2	22.62	22.45	22.34	23.00
3GPP Rel 6	HSDPA Subtest-3	22.09	22.01	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	22.04	22.00	21.94	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.47	22.56	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.35	22.24	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.07	21.86	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.97	21.87	21.89	22.50
3GPP Rel 6	HSUPA Subtest-1	20.65	20.54	20.56	21.50
3GPP Rel 6	HSUPA Subtest-2	20.55	20.46	20.54	21.50
3GPP Rel 6	HSUPA Subtest-3	21.64	21.52	21.54	22.50
3GPP Rel 6	HSUPA Subtest-4	20.18	20.00	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.50	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.16	19.87	20.04	21.00

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.34	23.35	23.35		
10	QPSK	1	25	23.43	23.44	23.43		
10	QPSK	1	49	23.34	23.29	23.29	23	1
10	QPSK	25	0	22.49	22.53	22.45		
10	QPSK	25	12	22.45	22.44	22.42		
10	QPSK	25	25	22.48	22.45	22.34		
10	QPSK	50	0	22.48	22.50	22.45	23	1
10	16QAM	1	0	22.50	22.63	22.58		
10	16QAM	1	25	22.88	22.67	22.67		
10	16QAM	1	49	22.59	22.55	22.57		
10	16QAM	25	0	21.46	21.39	21.46	22	2
10	16QAM	25	12	21.43	21.42	21.45		
10	16QAM	25	25	21.45	21.43	21.34		
10	16QAM	50	0	21.47	21.41	21.44		
10	64QAM	1	0	21.43	21.53	21.47	22	2
10	64QAM	1	25	21.62	21.56	21.59		
10	64QAM	1	49	21.56	21.48	21.46		
10	64QAM	25	0	20.55	20.43	20.51		
10	64QAM	25	12	20.49	20.50	20.49	21	3
10	64QAM	25	25	20.55	20.51	20.34		
10	64QAM	50	0	20.55	20.49	20.47		
Channel				20425	20525	20625	24	0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.22	23.33	23.31		
5	QPSK	1	12	23.33	23.38	23.34		
5	QPSK	1	24	23.21	23.14	23.17	23	1
5	QPSK	12	0	22.46	22.42	22.39		
5	QPSK	12	7	22.31	22.38	22.39		
5	QPSK	12	13	22.35	22.39	22.30		
5	QPSK	25	0	22.43	22.44	22.42	23	1
5	16QAM	1	0	22.45	22.61	22.51		
5	16QAM	1	12	22.60	22.52	22.66		
5	16QAM	1	24	22.55	22.47	22.46		
5	16QAM	12	0	21.36	21.34	21.35	22	2
5	16QAM	12	7	21.34	21.36	21.33		
5	16QAM	12	13	21.32	21.39	21.30		
5	16QAM	25	0	21.32	21.40	21.43		
5	64QAM	1	0	21.39	21.50	21.43	22	2
5	64QAM	1	12	21.58	21.43	21.57		
5	64QAM	1	24	21.46	21.43	21.31		
5	64QAM	12	0	20.41	20.35	20.39		
5	64QAM	12	7	20.37	20.42	20.45	21	3
5	64QAM	12	13	20.45	20.42	20.20		
5	64QAM	25	0	20.50	20.35	20.34		
Channel				20415	20525	20635	24	0
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.20	23.30	23.37		
3	QPSK	1	8	23.42	23.41	23.37		
3	QPSK	1	14	23.21	23.27	23.19	23	1
3	QPSK	8	0	22.45	22.43	22.35		
3	QPSK	8	4	22.34	22.34	22.37		
3	QPSK	8	7	22.37	22.44	22.24		
3	QPSK	15	0	22.42	22.49	22.41	23	1
3	16QAM	1	0	22.48	22.57	22.48		
3	16QAM	1	8	22.57	22.57	22.56		
3	16QAM	1	14	22.56	22.53	22.44		
3	16QAM	8	0	21.33	21.37	21.36	22	2
3	16QAM	8	4	21.41	21.28	21.36		
3	16QAM	8	7	21.43	21.36	21.20		
3	16QAM	15	0	21.37	21.34	21.31		
3	64QAM	1	0	21.35	21.40	21.43	22	2
3	64QAM	1	8	21.53	21.47	21.51		
3	64QAM	1	14	21.48	21.37	21.43		
3	64QAM	8	0	20.42	20.38	20.46		
3	64QAM	8	4	20.44	20.46	20.41	21	3
3	64QAM	8	7	20.45	20.49	20.28		
3	64QAM	15	0	20.49	20.45	20.37		
Channel				20407	20525	20643	24	0
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.23	23.24	23.22		
1.4	QPSK	1	3	23.42	23.39	23.28		
1.4	QPSK	1	5	23.30	23.22	23.21	23	1
1.4	QPSK	3	0	23.40	23.27	23.25		
1.4	QPSK	3	1	23.30	23.38	23.18		
1.4	QPSK	3	3	23.41	23.36	23.24		
1.4	QPSK	6	0	22.47	22.39	22.36	23	1
1.4	QPSK	1	0	22.35	22.51	22.52		
1.4	16QAM	1	3	22.84	22.52	22.55		
1.4	16QAM	1	5	22.50	22.45	22.52		
1.4	16QAM	3	0	22.51	22.46	22.54	22	2
1.4	16QAM	3	1	22.49	22.39	22.41		
1.4	16QAM	3	3	22.53	22.51	22.41		
1.4	16QAM	6	0	21.45	21.31	21.38		
1.4	64QAM	1	0	21.35	21.51	21.40	22	2
1.4	64QAM	1	3	21.53	21.44	21.47		
1.4	64QAM	1	5	21.44	21.35	21.43		
1.4	64QAM	3	0	21.30	21.39	21.35		
1.4	64QAM	3	1	21.52	21.39	21.45	21	3
1.4	64QAM	3	3	21.36	21.32	21.33		
1.4	64QAM	6	0	20.46	20.38	20.45		

Band 5_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.97	23.00	22.98		
10	QPSK	1	25	23.11	23.13	23.07		
10	QPSK	1	49	22.96	22.94	22.90	23	1
10	QPSK	25	0	22.13	22.19	22.17		
10	QPSK	25	12	22.10	22.07	22.10		
10	QPSK	25	25	22.12	22.06	22.05		
10	QPSK	50	0	22.13	22.17	22.15	23	1
10	16QAM	1	0	22.10	22.29	22.20		
10	16QAM	1	25	22.32	22.32	22.34		
10	16QAM	1	49	22.21	22.19	22.20		
10	16QAM	25	0	21.10	20.98	21.16	22	2
10	16QAM	25	12	21.06	21.06	21.09		
10	16QAM	25	25	21.12	21.04	21.03		
10	16QAM	50	0	21.13	20.99	21.13		
10	64QAM	1	0	21.10	21.16	21.13	22	2
10	64QAM	1	25	21.23	21.23	21.22		
10	64QAM	1	49	21.15	21.10	21.09		
10	64QAM	25	0	20.18	20.02	20.23		
10	64QAM	25	12	20.14	20.14	20.15	21	3
10	64QAM	25	25	20.18	20.14	20.06		
10	64QAM	50	0	20.20	20.09	20.19		
Channel				20425	20525	20625	24	0
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.95	22.90	22.89		
5	QPSK	1	12	23.10	22.98	22.94		
5	QPSK	1	24	22.95	22.85	22.86	23	1
5	QPSK	12	0	22.03	22.09	22.06		
5	QPSK	12	7	22.02	21.97	22.04		
5	QPSK	12	13	21.98	22.03	21.93		
5	QPSK	25	0	22.09	22.05	22.02	23	1
5	16QAM	1	0	21.96	22.23	22.09		
5	16QAM	1	12	22.30	22.20	22.19		
5	16QAM	1	24	22.19	22.12	22.12		
5	16QAM	12	0	21.01	20.86	21.03	22	2
5	16QAM	12	7	20.92	21.00	21.02		
5	16QAM	12	13	21.00	20.96	20.93		
5	16QAM	25	0	20.98	20.92	21.05		
5	64QAM	1	0	20.99	21.10	21.05	22	2
5	64QAM	1	12	21.12	21.16	21.13		
5	64QAM	1	24	21.14	20.97	21.07		
5	64QAM	12	0	20.16	19.98	20.22		
5	64QAM	12	7	20.10	20.13	20.07	21	3
5	64QAM	12	13	20.13	20.05	20.01		
5	64QAM	25	0	20.11	19.96	20.06		
Channel				20415	20525	20635	24	0
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.83	22.95	22.88		
3	QPSK	1	8	23.10	23.04	23.04		
3	QPSK	1	14	22.87	22.86	22.79	23	1
3	QPSK	8	0	22.11	22.17	22.10		
3	QPSK	8	4	21.99	21.92	21.96		
3	QPSK	8	7	22.10	21.98	22.02		
3	QPSK	15	0	21.98	22.14	22.06	23	1
3	16QAM	1	0	21.97	22.23	22.07		
3	16QAM	1	8	22.25	22.26	22.28		
3	16QAM	1	14	22.12	22.11	22.15		
3	16QAM	8	0	21.93	22.02	21.16	22	2
3	16QAM	8	4	20.93	20.97	21.02		
3	16QAM	8	7	21.10	21.00	20.90		
3	16QAM	15	0	21.11	20.92	21.11		
3	64QAM	1	0	20.99	21.10	21.00	22	2
3	64QAM	1	8	21.08	21.17	21.21		
3	64QAM	1	14	21.03	21.00	21.07		
3	64QAM	8	0	20.04	20.01	20.11		
3	64QAM	8	4	20.12	20.01	20.06	21	3
3	64QAM	8	7	20.07	20.10	20.00		
3	64QAM	15	0	20.05	20.06	20.11		
Channel				20407	20525	20643	24	0
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.85	22.90	22.86		
1.4	QPSK	1	3	23.05	23.12	23.00		
1.4	QPSK	1	5	22.84	22.82	22.81	23	1
1.4	QPSK	3	0	22.90	22.97	22.96		
1.4	QPSK	3	1	23.03	23.10	22.92		
1.4	QPSK	3	3	22.97	23.09	22.94		
1.4	QPSK	6	0	21.98	22.06	22.13	23	1
1.4	16QAM	1	0	21.95	22.24	22.08		
1.4	16QAM	1	3	22.18	22.24	22.33		
1.4	16QAM	1	5	22.18	22.12	22.10		
1.4	16QAM	3	0	22.05	22.18	22.27	22	2
1.4	16QAM	3	1	22.11	22.17	22.20		
1.4	16QAM	3	3	22.07	22.11	22.29		
1.4	16QAM	6	0	21.05	20.86	21.04		
1.4	64QAM	1	0	21.01	21.07	21.08	22	2
1.4	64QAM	1	3	21.21	21.17	21.20		
1.4	64QAM	1	5	21.00	21.07	21.07		
1.4	64QAM	3	0	21.19	21.16	21.19		
1.4	64QAM	3	1	21.18	21.12	21.19	21	3
1.4	64QAM	3	3	21.19	21.04	21.06		
1.4	64QAM	6	0	20.17	20.05	20.10		

Band 7_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.39	22.46	22.39			
20	QPSK	1	49	22.77	22.83	22.80	24	0	
20	QPSK	1	99	22.38	22.50	22.43			
20	QPSK	50	0	22.22	22.27	22.24			
20	QPSK	50	24	22.15	22.24	22.22			
20	QPSK	50	50	22.18	22.25	22.21	23	1	
20	QPSK	100	0	22.13	22.24	22.19			
20	16QAM	1	0	22.01	22.09	22.01			
20	16QAM	1	49	22.36	22.38	22.32			
20	16QAM	1	99	22.01	22.17	22.01	23	1	
20	16QAM	50	0	21.10	21.20	21.20			
20	16QAM	50	24	21.14	21.25	21.21			
20	16QAM	50	50	21.17	21.27	21.21			
20	16QAM	100	0	21.14	21.24	21.21	22	2	
20	64QAM	1	0	20.96	21.08	20.99			
20	64QAM	1	49	21.35	21.33	21.30			
20	64QAM	1	99	20.96	21.08	20.99			
20	64QAM	50	0	20.10	20.18	20.19			
20	64QAM	50	24	20.12	20.24	20.22			
20	64QAM	50	50	20.18	20.25	20.22			
20	64QAM	100	0	20.14	20.24	20.22	21	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.24	22.34	22.34			
15	QPSK	1	37	22.67	22.73	22.74	24	0	
15	QPSK	1	74	22.37	22.38	22.41			
15	QPSK	36	0	22.10	22.19	22.09			
15	QPSK	36	20	22.07	22.21	22.13			
15	QPSK	36	39	22.14	22.12	22.17	23	1	
15	QPSK	75	0	22.10	22.13	22.08			
15	16QAM	1	0	21.99	21.99	22.00			
15	16QAM	1	37	22.21	22.31	22.19			
15	16QAM	1	74	21.93	22.12	21.96	23	1	
15	16QAM	36	0	21.00	21.17	21.14			
15	16QAM	36	20	21.04	21.19	21.15			
15	16QAM	36	39	21.12	21.22	21.09			
15	16QAM	75	0	21.05	21.22	21.12	22	2	
15	64QAM	1	0	20.81	20.94	20.90			
15	64QAM	1	37	21.31	21.21	21.20			
15	64QAM	1	74	20.93	21.01	20.98			
15	64QAM	36	0	19.99	20.09	20.16			
15	64QAM	36	20	20.05	20.17	20.16			
15	64QAM	36	39	20.11	20.12	20.18			
15	64QAM	75	0	20.08	20.20	20.08	21	3	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.25	22.45	22.33			
10	QPSK	1	25	22.65	22.80	22.66	24	0	
10	QPSK	1	49	22.37	22.36	22.31			
10	QPSK	25	0	22.21	22.16	22.18			
10	QPSK	25	12	22.10	22.19	22.20			
10	QPSK	25	25	22.05	22.18	22.12	23	1	
10	QPSK	50	0	22.06	22.22	22.13			
10	16QAM	1	0	21.92	22.03	21.94			
10	16QAM	1	25	22.25	22.34	22.26			
10	16QAM	1	49	21.87	22.10	21.88	23	1	
10	16QAM	25	0	20.96	21.16	21.05			
10	16QAM	25	12	21.11	21.22	21.19			
10	16QAM	25	25	21.09	21.26	21.08			
10	16QAM	50	0	20.99	21.20	21.20	22	2	
10	64QAM	1	0	20.81	21.05	20.92			
10	64QAM	1	25	21.32	21.31	21.25			
10	64QAM	1	49	20.85	21.03	20.98			
10	64QAM	25	0	20.01	20.04	20.12			
10	64QAM	25	12	20.08	20.18	20.20			
10	64QAM	25	25	20.16	20.10	20.15			
10	64QAM	50	0	20.08	20.23	20.07	21	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.35	22.37	22.28			
5	QPSK	1	12	22.67	22.79	22.74	24	0	
5	QPSK	1	24	22.32	22.42	22.40			
5	QPSK	12	0	22.07	22.12	22.15			
5	QPSK	12	7	22.04	22.23	22.08			
5	QPSK	12	13	22.17	22.17	22.07	23	1	
5	QPSK	25	0	22.04	22.15	22.17			
5	16QAM	1	0	21.97	21.99	22.00			
5	16QAM	1	12	22.23	22.37	22.21			
5	16QAM	1	24	21.89	22.11	21.89	23	1	
5	16QAM	12	0	21.06	21.07	21.16			
5	16QAM	12	7	21.04	21.24	21.07			
5	16QAM	12	13	21.02	21.15	21.19			
5	16QAM	25	0	20.99	21.09	21.17	22	2	
5	64QAM	1	0	20.86	21.00	20.91			
5	64QAM	1	12	21.33	21.26	21.16			
5	64QAM	1	24	20.81	21.03	20.89			
5	64QAM	12	0	20.00	20.03	20.17			
5	64QAM	12	7	19.99	20.15	20.15			
5	64QAM	12	13	20.03	20.23	20.09			
5	64QAM	25	0	20.05	20.18	20.17	21	3	

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	23.06	22.97	22.96	24	0
20	QPSK	1	49	23.41	23.43	23.39		
20	QPSK	1	99	23.04	23.04	23.07		
20	QPSK	50	0	22.08	22.70	22.67	23	1
20	QPSK	50	24	22.62	22.63	22.66		
20	QPSK	50	50	22.64	22.69	22.60		
20	QPSK	100	0	22.62	22.67	22.65	23	1
20	16QAM	1	0	22.54	22.46	22.46		
20	16QAM	1	49	22.55	22.58	22.60		
20	16QAM	1	99	22.52	22.50	22.55	22	2
20	16QAM	50	0	21.73	21.68	21.64		
20	16QAM	50	24	21.78	21.70	21.74		
20	16QAM	50	50	21.76	21.76	21.78	21	3
20	16QAM	100	0	21.79	21.74	21.77		
20	64QAM	1	0	21.30	21.23	21.22		
20	64QAM	1	49	21.47	21.45	21.50	22	2
20	64QAM	1	99	21.29	21.27	21.30		
20	64QAM	50	0	20.77	20.69	20.69		
20	64QAM	50	24	20.81	20.71	20.74	21	3
20	64QAM	50	50	20.77	20.72	20.81		
20	64QAM	100	0	20.78	20.75	20.79		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.00	22.82	22.92	24	0
15	QPSK	1	37	23.31	23.36	23.25		
15	QPSK	1	74	22.99	22.93	23.02		
15	QPSK	36	0	22.59	22.57	22.60	23	1
15	QPSK	36	20	22.52	22.49	22.58		
15	QPSK	36	39	22.50	22.63	22.54		
15	QPSK	75	0	22.57	22.65	22.61	23	1
15	16QAM	1	0	22.39	22.42	22.45		
15	16QAM	1	37	22.40	22.57	22.55		
15	16QAM	1	74	22.51	22.46	22.54	22	2
15	16QAM	36	0	21.72	21.54	21.62		
15	16QAM	36	20	21.67	21.59	21.71		
15	16QAM	36	39	21.63	21.68	21.67	22	2
15	16QAM	75	0	21.75	21.65	21.70		
15	64QAM	1	0	21.27	21.17	21.16		
15	64QAM	1	37	21.40	21.41	21.38	21	3
15	64QAM	1	74	21.22	21.20	21.21		
15	64QAM	36	0	20.65	20.65	20.65		
15	64QAM	36	20	20.67	20.60	20.59	21	3
15	64QAM	36	39	20.63	20.58	20.75		
15	64QAM	75	0	20.65	20.62	20.70		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.97	22.85	22.93	24	0
10	QPSK	1	25	23.29	23.41	23.38		
10	QPSK	1	49	22.92	23.02	23.03		
10	QPSK	25	0	22.57	22.59	22.57	23	1
10	QPSK	25	12	22.53	22.58	22.57		
10	QPSK	25	25	22.61	22.63	22.56		
10	QPSK	50	0	22.48	22.55	22.58	23	1
10	16QAM	1	0	22.46	22.36	22.41		
10	16QAM	1	25	22.48	22.52	22.55		
10	16QAM	1	49	22.42	22.39	22.45	22	2
10	16QAM	25	0	21.61	21.57	21.63		
10	16QAM	25	12	21.74	21.56	21.69		
10	16QAM	25	25	21.65	21.75	21.72	22	2
10	16QAM	50	0	21.78	21.62	21.72		
10	16QAM	1	0	21.26	21.15	21.07		
10	64QAM	1	25	21.33	21.32	21.49	21	3
10	64QAM	1	49	21.17	21.17	21.15		
10	64QAM	25	0	20.68	20.54	20.55		
10	64QAM	25	12	20.72	20.60	20.64	21	3
10	64QAM	25	25	20.74	20.64	20.76		
10	64QAM	50	0	20.71	20.71	20.73		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.02	22.83	22.85	24	0
5	QPSK	1	12	23.31	23.40	23.33		
5	QPSK	1	24	22.99	23.00	23.02		
5	QPSK	12	0	22.66	22.55	22.56	23	1
5	QPSK	12	7	22.57	22.54	22.55		
5	QPSK	12	13	22.58	22.66	22.55		
5	QPSK	25	0	22.50	22.63	22.62	23	1
5	16QAM	1	0	22.40	22.34	22.35		
5	16QAM	1	12	22.48	22.50	22.54		
5	16QAM	1	24	22.45	22.48	22.41	22	2
5	16QAM	12	0	21.63	21.54	21.57		
5	16QAM	12	7	21.74	21.61	21.64		
5	16QAM	12	13	21.68	21.65	21.65	22	2
5	16QAM	25	0	21.74	21.66	21.70		
5	64QAM	1	0	21.25	21.11	21.07		
5	64QAM	1	12	21.35	21.31	21.46	21	3
5	64QAM	1	24	21.22	21.15	21.24		
5	64QAM	12	0	20.71	20.54	20.68		
5	64QAM	12	7	20.77	20.67	20.65	21	3
5	64QAM	12	13	20.65	20.65	20.71		
5	64QAM	25	0	20.74	20.74	20.64		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)	MPR (dB)
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.		
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	22.53	22.40	22.37	24	0
20	QPSK	1	49	22.80	22.82	22.77		
20	QPSK	1	99	22.47	22.37	22.36		
20	QPSK	50	0	22.15	22.18	22.10	23	1
20	QPSK	50	24	22.12	22.06	22.01		
20	QPSK	50	50	22.11	22.10	22.08		
20	QPSK	100	0	22.12	22.15	22.06	23	1
20	16QAM	1	0	22.03	21.90	21.85		
20	16QAM	1	49	22.17	22.15	22.10		
20	16QAM	1	99	21.97	21.87	21.84	22	2
20	16QAM	50	0	21.22	21.10	21.04		
20	16QAM	50	24	21.23	21.10	21.07		
20	16QAM	50	50	21.19	21.13	21.08	22	2
20	16QAM	100	0	21.26	21.14	21.12		
20	64QAM	1	0	20.78	20.68	20.60		
20	64QAM	1	49	20.85	20.82	20.88	22	2
20	64QAM	1	99	20.72	20.65	20.61		
20	64QAM	50	0	20.24	20.12	20.04		
20	64QAM	50	24	20.29	20.12	20.08	21	3
20	64QAM	50	50	20.25	20.15	20.15		
20	64QAM	100	0	20.29	20.16	20.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.42	22.39	22.34	24	0
15	QPSK	1	37	22.70	22.75	22.66		
15	QPSK	1	74	22.44	22.25	22.21		
15	QPSK	36	0	22.05	22.16	22.05	23	1
15	QPSK	36	20	21.99	21.96	21.90		
15	QPSK	36	39	22.00	22.08	22.02		
15	QPSK	75	0	22.08	22.02	21.91	23	1
15	16QAM	1	0	21.98	21.86	21.84		
15	16QAM	1	37	22.04	22.10	22.04		
15	16QAM	1	74	21.96	21.75	21.75	22	2
15	16QAM	36	0	21.13	21.05	21.03		
15	16QAM	36	20	21.17	21.05	21.02		
15	16QAM	36	39	21.13	21.10	21.04	22	2
15	16QAM	75	0	21.22	21.03	21.08		
15	64QAM	1	0	20.76	20.59	20.50		
15	64QAM	1	37	20.72	20.75	20.78	22	2
15	64QAM	1	74	20.70	20.53	20.58		
15	64QAM	36	0	20.11	20.07	19.96		
15	64QAM	36	20	20.27	20.01	20.02	21	3
15	64QAM	36	39	20.21	20.02	20.12		
15	64QAM	75	0	20.22	20.15	20.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.52	22.27	22.36	24	0
10	QPSK	1	25	22.70	22.71	22.75		
10	QPSK	1	49	22.44	22.32	22.22		
10	QPSK	25	0	22.03	22.15	22.04	23	1
10	QPSK	25	12	22.04	21.96	21.94		
10	QPSK	25	25	22.09	22.01	22.03		
10	QPSK	50	0	21.99	22.11	21.98	23	1
10	16QAM	1	0	21.98	21.83	21.70		
10	16QAM	1	25	22.03	22.12	21.98		
10	16QAM	1	49	22.04	22.02	21.81	22	2
10	16QAM	25	0	21.10	21.05	20.98		
10	16QAM	25	12	21.22	20.98	20.94		
10	16QAM	25	25	21.07	21.05	21.05	22	2
10	16QAM	50	0	21.25	21.04	21.02		
10	64QAM	1	0	20.70	20.58	20.58		
10	64QAM	1	25	20.70	20.69	20.87	21	3
10	64QAM	1	49	20.68	20.50	20.55		
10	64QAM	25	0	20.09	20.08	19.94		
10	64QAM	25	12	20.15	20.09	20.06	21	3
10	64QAM	25	25	20.18	20.01	20.06		
10	64QAM	50	0	20.16	20.14	20.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.48	22.26	22.24	24	0
5	QPSK	1	12	22.71	22.67	22.74		
5	QPSK	1	24	22.40	22.22	22.20		
5	QPSK	12	0	22.01	22.17	22.07	23	1
5	QPSK	12	7	22.08	21.91	21.98		
5	QPSK	12	13	22.03	21.96	21.95		
5	QPSK	25	0	22.08	22.00	21.97	23	1
5	16QAM	1	0	21.89	21.89	21.78		
5	16QAM	1	12	22.05	22.00	22.08		
5	16QAM	1	24	21.82	21.86	21.77	22	2
5	16QAM	12	0	21.09	21.08	20.91		
5	16QAM	12	7	21.22	20.96	20.95		
5	16QAM	12	13	21.04	21.12	21.04	21	3
5	16QAM	25	0	21.25	20.97	21.03		
5	64QAM	1	0	20.68	20.62	20.56		
5	64QAM	1	12	20.78	20.77	20.83	22	2
5	64QAM	1	24	20.62	20.61	20.55		
5	64QAM	12	0	20.13	20.01	19.94		
5	64QAM	12	7	20.15	20.07	19.96	21	3
5	64QAM	12	13	20.23	20.00	20.09		
5	64QAM	25	0	20.20	20.14	20.10		

Band 41_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				40140	40400	40670	41140	24	0	
Frequency (MHz)				2545	2571	2598	2545			
20	QPSK	1	0	22.74	22.72	22.84	22.73			
20	QPSK	1	49	22.97	22.97	23.03	22.91			
20	QPSK	1	99	22.58	22.66	22.72	22.63			
20	QPSK	50	0	21.98	21.95	22.00	21.93	23	1	
20	QPSK	50	24	21.97	21.88	21.98	21.90			
20	QPSK	50	50	21.91	21.94	21.95	21.91			
20	QPSK	100	0	21.95	21.92	21.96	21.92			
20	16QAM	1	0	21.93	21.96	21.98	21.92			
20	16QAM	1	49	22.10	22.00	22.11	22.04	23	1	
20	16QAM	1	99	21.89	21.85	21.94	21.80			
20	16QAM	50	0	21.85	21.87	21.95	21.83			
20	16QAM	50	24	21.93	21.92	22.06	21.93			
20	16QAM	50	50	21.91	21.97	21.98	21.97			
20	16QAM	100	0	21.94	21.96	21.97	21.89	22	2	
20	64QAM	1	0	21.61	21.69	21.72	21.59			
20	64QAM	1	49	21.78	21.80	21.90	21.83			
20	64QAM	1	99	21.65	21.63	21.68	21.59			
20	64QAM	50	0	20.96	20.99	21.00	20.91			
20	64QAM	50	24	21.05	21.07	21.17	21.05	21	3	
20	64QAM	50	50	20.87	20.89	20.98	20.88			
20	64QAM	100	0	20.95	20.94	21.03	20.93			
Channel				40115	40395	40685	41165	24	0	
Frequency (MHz)				2542.5	2570.5	2599.5	2547.5			
15	QPSK	1	0	22.67	22.63	22.78	22.65			
15	QPSK	1	37	22.82	22.96	22.97	22.78			
15	QPSK	1	74	22.50	22.53	22.59	22.56			
15	QPSK	36	0	21.93	21.81	21.90	21.87	23	1	
15	QPSK	36	20	21.83	21.87	21.84	21.84			
15	QPSK	36	39	21.89	21.82	21.92	21.78			
15	QPSK	75	0	21.80	21.80	21.90	21.79			
15	16QAM	1	0	21.78	21.95	21.88	21.82			
15	16QAM	1	37	22.08	21.86	21.96	21.93	23	1	
15	16QAM	1	74	21.87	21.76	21.86	21.66			
15	16QAM	36	0	21.75	21.81	21.82	21.82			
15	16QAM	36	20	21.83	21.87	21.97	21.79			
15	16QAM	36	39	21.88	21.96	21.86	21.93			
15	16QAM	75	0	21.84	21.82	21.95	21.81	22	2	
15	64QAM	1	0	21.53	21.63	21.61	21.57			
15	64QAM	1	37	21.65	21.78	21.76	21.78			
15	64QAM	1	74	21.61	21.62	21.64	21.47			
15	64QAM	36	0	20.85	20.74	20.93	20.77			
15	64QAM	36	20	20.93	20.92	21.15	20.93	21	3	
15	64QAM	36	39	20.77	20.85	20.92	20.80			
15	64QAM	75	0	20.94	20.80	20.97	20.86			
Channel				40090	40390	40690	41190	24	0	
Frequency (MHz)				2540	2570	2600	2650			
10	QPSK	1	0	22.62	22.60	22.77	22.67			
10	QPSK	1	25	22.82	22.93	22.91	22.86			
10	QPSK	1	49	22.57	22.65	22.58	22.58			
10	QPSK	25	0	21.85	21.92	21.86	21.80	23	1	
10	QPSK	25	12	21.86	21.78	21.96	21.89			
10	QPSK	25	25	21.80	21.90	21.86	21.81			
10	QPSK	50	0	21.90	21.81	21.90	21.84			
10	16QAM	1	0	21.92	21.83	21.97	21.85			
10	16QAM	1	25	22.00	21.92	22.08	21.91	23	1	
10	16QAM	1	49	21.81	21.71	21.86	21.70			
10	16QAM	25	0	21.72	21.73	21.93	21.70			
10	16QAM	25	12	21.82	21.86	21.92	21.80			
10	16QAM	25	25	21.85	21.83	21.86	21.90			
10	16QAM	50	0	21.87	21.94	21.83	21.81	22	2	
10	64QAM	1	0	21.46	21.68	21.58	21.46			
10	64QAM	1	25	21.65	21.65	21.89	21.78			
10	64QAM	1	49	21.60	21.49	21.61	21.58			
10	64QAM	25	0	20.84	20.87	20.89	20.84			
10	64QAM	25	12	21.02	20.96	21.06	20.96	21	3	
10	64QAM	25	25	20.86	20.76	20.89	20.85			
10	64QAM	50	0	20.90	20.90	21.00	20.90			
Channel				40065	40385	40705	41215	24	0	
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5			
5	QPSK	1	0	22.63	22.70	22.69	22.60			
5	QPSK	1	12	22.82	22.95	22.94	22.78			
5	QPSK	1	24	22.47	22.51	22.65	22.60			
5	QPSK	12	0	21.97	21.90	21.96	21.88	23	1	
5	QPSK	12	7	21.90	21.77	21.95	21.83			
5	QPSK	12	13	21.88	21.89	21.91	21.85			
5	QPSK	25	0	21.85	21.85	21.95	21.84			
5	16QAM	1	0	21.92	21.95	21.96	21.90			
5	16QAM	1	12	22.00	21.92	22.03	21.89	23	1	
5	16QAM	1	24	21.81	21.78	21.92	21.77			
5	16QAM	12	0	21.82	21.82	21.87	21.82			
5	16QAM	12	7	21.78	21.77	22.01	21.80			
5	16QAM	12	13	21.76	21.92	21.84	21.84			
5	16QAM	25	0	21.88	21.90	21.93	21.79	22	2	
5	64QAM	1	0	21.55	21.62	21.68	21.47			
5	64QAM	1	12	21.65	21.78	21.86	21.78			
5	64QAM	1	24	21.61	21.60	21.62	21.52			
5	64QAM	12	0	20.90	20.85	20.86	20.83			
5	64QAM	12	7	21.04	21.02	21.11	21.04	21	3	
5	64QAM	12	13	20.73	20.79	20.84	20.84			
5	64QAM	25	0	20.94	20.91	20.96	20.91			

Reduced Power Mode for Receiver 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	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	32.07	32.20	32.09	33.50	23.07	23.20	23.09	24.50
GSM 1 Tx slot	32.18	32.30	32.16	33.50	23.18	23.30	23.16	24.50
GPRS 1 Tx slot	30.33	30.35	30.32	31.50	24.33	24.35	24.32	25.50
GPRS 2 Tx slots	28.27	28.32	28.17	29.50	24.01	24.06	23.91	25.24
GPRS 3 Tx slots	26.23	26.37	26.34	27.50	23.23	23.37	23.34	24.50
GPRS 4 Tx slots	26.14	26.21	26.18	27.50	17.14	17.21	17.18	18.50
EDGE 1 Tx slot	24.13	24.22	24.18	25.50	18.13	18.22	18.18	19.50
EDGE 2 Tx slots	21.85	21.92	21.78	23.50	17.59	17.66	17.52	19.24
EDGE 3 Tx slots	19.57	19.68	19.67	21.00	16.57	16.68	16.67	18.00
EDGE 4 Tx slots								

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	832.4	840.6	
3GPP Rel 99	AMR 12.2Kbps	23.40	23.40	23.38	24.00
3GPP Rel 99	RMC 12.2Kbps	23.44	23.46	23.42	24.00
3GPP Rel 6	HSDPA Subtest-1	22.68	22.54	22.60	23.00
3GPP Rel 6	HSDPA Subtest-2	22.62	22.45	22.34	23.00
3GPP Rel 6	HSDPA Subtest-3	22.09	22.01	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	22.04	22.00	21.94	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.47	22.56	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.35	22.24	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.07	21.86	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.97	21.87	21.89	22.50
3GPP Rel 6	HSUPA Subtest-1	20.65	20.54	20.56	21.50
3GPP Rel 6	HSUPA Subtest-2	20.55	20.46	20.54	21.50
3GPP Rel 6	HSUPA Subtest-3	21.64	21.52	21.54	22.50
3GPP Rel 6	HSUPA Subtest-4	20.18	20.00	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.50	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.16	19.87	20.04	21.00

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.34	23.35	23.35	23	1
10	QPSK	1	25	23.43	23.44	23.43		
10	QPSK	1	49	23.34	23.29	23.29	23	1
10	QPSK	25	0	22.49	22.53	22.45		
10	QPSK	25	12	22.45	22.44	22.42	23	1
10	QPSK	25	25	22.48	22.45	22.34		
10	QPSK	50	0	22.48	22.50	22.45	23	1
10	16QAM	1	0	22.50	22.63	22.58		
10	16QAM	1	25	22.88	22.67	22.67	22	2
10	16QAM	1	49	22.59	22.55	22.57		
10	16QAM	25	0	21.46	21.39	21.46	22	2
10	16QAM	25	12	21.43	21.42	21.45		
10	16QAM	25	25	21.45	21.43	21.34	22	2
10	16QAM	50	0	21.47	21.41	21.44		
10	64QAM	1	0	21.43	21.53	21.47	21	3
10	64QAM	1	25	21.62	21.56	21.59		
10	64QAM	1	49	21.56	21.48	21.46	21	3
10	64QAM	25	0	20.55	20.43	20.51		
10	64QAM	25	12	20.49	20.50	20.49	21	3
10	64QAM	25	25	20.55	20.51	20.34		
10	64QAM	50	0	20.55	20.49	20.47	24	0
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5	23	1
5	QPSK	1	0	23.22	23.33	23.31		
5	QPSK	1	12	23.33	23.38	23.34	23	1
5	QPSK	1	24	23.21	23.14	23.17		
5	QPSK	12	0	22.46	22.42	22.39	23	1
5	QPSK	12	7	22.31	22.38	22.39		
5	QPSK	12	13	22.35	22.39	22.30	23	1
5	QPSK	25	0	22.43	22.44	22.42		
5	16QAM	1	0	22.45	22.61	22.51	22	2
5	16QAM	1	12	22.60	22.52	22.66		
5	16QAM	1	24	22.55	22.47	22.46	22	2
5	16QAM	12	0	21.36	21.34	21.35		
5	16QAM	12	7	21.34	21.36	21.33	22	2
5	16QAM	12	13	21.32	21.39	21.30		
5	16QAM	25	0	21.32	21.40	21.43	22	2
5	64QAM	1	0	21.39	21.50	21.43		
5	64QAM	1	12	21.58	21.43	21.57	21	3
5	64QAM	1	24	21.46	21.43	21.31		
5	64QAM	12	0	20.41	20.35	20.39	21	3
5	64QAM	12	7	20.37	20.42	20.45		
5	64QAM	12	13	20.45	20.42	20.20	21	3
5	64QAM	25	0	20.50	20.35	20.34		
Channel				20415	20525	20635	24	0
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.20	23.30	23.32	23	1
3	QPSK	1	8	23.42	23.41	23.37		
3	QPSK	1	14	23.21	23.27	23.19	23	1
3	QPSK	8	0	22.45	22.43	22.35		
3	QPSK	8	4	22.34	22.34	22.37	23	1
3	QPSK	8	7	22.37	22.44	22.24		
3	QPSK	15	0	22.42	22.49	22.41	23	1
3	16QAM	1	0	22.48	22.57	22.48		
3	16QAM	1	8	22.57	22.57	22.56	22	2
3	16QAM	1	14	22.56	22.53	22.44		
3	16QAM	8	0	21.33	21.37	21.36	22	2
3	16QAM	8	4	21.41	21.28	21.36		
3	16QAM	8	7	21.43	21.36	21.20	22	2
3	16QAM	15	0	21.37	21.34	21.31		
3	64QAM	1	0	21.35	21.40	21.43	22	2
3	64QAM	1	8	21.53	21.47	21.51		
3	64QAM	1	14	21.48	21.37	21.43	21	3
3	64QAM	8	0	20.42	20.38	20.46		
3	64QAM	8	4	20.44	20.46	20.41	21	3
3	64QAM	8	7	20.45	20.49	20.28		
3	64QAM	15	0	20.49	20.45	20.37	24	0
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	24	0
1.4	QPSK	1	0	23.23	23.24	23.22		
1.4	QPSK	1	3	23.42	23.39	23.28	23	1
1.4	QPSK	1	5	23.30	23.22	23.21		
1.4	QPSK	3	0	23.40	23.27	23.25	23	1
1.4	QPSK	3	1	23.30	23.38	23.18		
1.4	QPSK	3	3	23.41	23.36	23.24	23	1
1.4	QPSK	6	0	22.47	22.39	22.36		
1.4	16QAM	1	0	22.35	22.51	22.52	23	1
1.4	16QAM	1	3	22.84	22.52	22.55		
1.4	16QAM	1	5	22.50	22.45	22.52	22	2
1.4	16QAM	3	0	22.51	22.46	22.54		
1.4	16QAM	3	1	22.49	22.39	22.41	22	2
1.4	16QAM	3	3	22.53	22.51	22.41		
1.4	16QAM	6	0	21.45	21.31	21.38	22	2
1.4	64QAM	1	0	21.35	21.51	21.40		
1.4	64QAM	1	3	21.53	21.44	21.47	22	2
1.4	64QAM	1	5	21.44	21.35	21.43		
1.4	64QAM	3	0	21.30	21.39	21.35	21	3
1.4	64QAM	3	1	21.52	21.39	21.45		
1.4	64QAM	3	3	21.36	21.32	21.33	21	3
1.4	64QAM	6	0	20.46	20.38	20.45		

Band 5_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	22.5	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.36	21.43	21.42	21.5	1
10	QPSK	1	25	21.47	21.57	21.50		
10	QPSK	1	49	21.32	21.31	21.34	21.5	1
10	QPSK	25	0	20.58	20.62	20.58		
10	QPSK	25	12	20.50	20.47	20.45	21.5	1
10	QPSK	25	25	20.51	20.42	20.41		
10	QPSK	50	0	20.53	20.61	20.56	21.5	1
10	16QAM	1	0	20.47	20.70	20.64		
10	16QAM	1	25	20.77	20.74	20.76	20.5	2
10	16QAM	1	49	20.63	20.62	20.57		
10	16QAM	25	0	19.46	19.33	19.53	20.5	2
10	16QAM	25	12	19.44	19.49	19.51		
10	16QAM	25	25	19.53	19.40	19.42	20.5	2
10	16QAM	50	0	19.52	19.40	19.57		
10	64QAM	1	0	19.48	19.58	19.58	20.5	2
10	64QAM	1	25	19.62	19.67	19.57		
10	64QAM	1	49	19.60	19.52	19.44	19.5	3
10	64QAM	25	0	18.61	18.40	18.58		
10	64QAM	25	12	18.50	18.51	18.58	19.5	3
10	64QAM	25	25	18.55	18.55	18.44		
10	64QAM	50	0	18.59	18.46	18.59	22.5	0
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5	21.5	1
5	QPSK	1	0	21.31	21.33	21.32		
5	QPSK	1	12	21.32	21.51	21.42	21.5	1
5	QPSK	1	24	21.22	21.21	21.23		
5	QPSK	12	0	20.49	20.49	20.45	21.5	1
5	QPSK	12	7	20.45	20.39	20.36		
5	QPSK	12	13	20.46	20.37	20.27	21.5	1
5	QPSK	25	0	20.47	20.46	20.51		
5	16QAM	1	0	20.36	20.58	20.54	21.5	1
5	16QAM	1	12	20.64	20.65	20.66		
5	16QAM	1	24	20.53	20.51	20.45	20.5	2
5	16QAM	12	0	19.39	19.24	19.39		
5	16QAM	12	7	19.31	19.36	19.42	20.5	2
5	16QAM	12	13	19.47	19.28	19.37		
5	16QAM	25	0	19.47	19.26	19.52	20.5	2
5	64QAM	1	0	19.35	19.47	19.48		
5	64QAM	1	12	19.47	19.59	19.49	19.5	3
5	64QAM	1	24	19.54	19.41	19.34		
5	64QAM	12	0	18.56	18.31	18.44	19.5	3
5	64QAM	12	7	18.37	18.38	18.45		
5	64QAM	12	13	18.40	18.49	18.39	19.5	3
5	64QAM	25	0	18.47	18.33	18.50		
Channel				20415	20525	20635	22.5	0
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.31	21.35	21.32	21.5	1
3	QPSK	1	8	21.32	21.47	21.44		
3	QPSK	1	14	21.18	21.16	21.23	21.5	1
3	QPSK	8	0	20.47	20.55	20.53		
3	QPSK	8	4	20.39	20.33	20.30	21.5	1
3	QPSK	8	7	20.41	20.28	20.28		
3	QPSK	15	0	20.48	20.48	20.50	21.5	1
3	16QAM	1	0	20.39	20.58	20.49		
3	16QAM	1	8	20.72	20.66	20.65	20.5	2
3	16QAM	1	14	20.55	20.32	19.42		
3	16QAM	8	0	19.32	19.23	19.42	20.5	2
3	16QAM	8	4	19.34	19.36	19.39		
3	16QAM	8	7	19.40	19.33	19.37	20.5	2
3	16QAM	15	0	19.46	19.28	19.42		
3	64QAM	1	0	19.37	19.45	19.52	20.5	2
3	64QAM	1	8	19.48	19.59	19.49		
3	64QAM	1	14	19.48	19.47	19.32	19.5	3
3	64QAM	8	0	18.51	18.32	18.53		
3	64QAM	8	4	18.44	18.38	18.52	19.5	3
3	64QAM	8	7	18.50	18.49	18.33		
3	64QAM	15	0	18.52	18.38	18.44	22.5	0
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	21.5	1
1.4	QPSK	1	0	21.26	21.37	21.31		
1.4	QPSK	1	3	21.41	21.45	21.36	22.5	0
1.4	QPSK	1	5	21.23	21.24	21.20		
1.4	QPSK	3	0	21.25	21.34	21.26	21.5	1
1.4	QPSK	3	1	21.34	21.41	21.30		
1.4	QPSK	3	3	21.20	21.14	21.18	21.5	1
1.4	QPSK	6	0	20.38	20.51	20.43		
1.4	16QAM	1	0	20.36	20.57	20.49	21.5	1
1.4	16QAM	1	3	20.63	20.63	20.68		
1.4	16QAM	1	5	20.51	20.50	20.47	20.5	2
1.4	16QAM	3	0	20.29	20.57	20.41		
1.4	16QAM	3	1	20.48	20.53	20.53	20.5	2
1.4	16QAM	3	3	20.38	20.27	20.36		
1.4	16QAM	6	0	19.44	19.27	19.43	19.5	3
1.4	64QAM	1	0	19.41	19.47	19.49		
1.4	64QAM	1	3	19.57	19.59	19.43	20.5	2
1.4	64QAM	1	5	19.46	19.47	19.31		
1.4	64QAM	3	0	19.39	19.42	19.38	19.5	3
1.4	64QAM	3	1	19.45	19.57	19.38		
1.4	64QAM	3	3	19.36	19.41	19.28	19.5	3
1.4	64QAM	6	0	18.44	18.33	18.46		

Band 7_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	15.33	15.31	15.25			
20	QPSK	1	49	15.63	15.74	15.70	17	0	
20	QPSK	1	99	15.33	15.39	15.28	16	1	
20	QPSK	50	0	15.10	15.19	15.17			
20	QPSK	50	24	15.10	15.09	15.07			
20	QPSK	50	50	15.04	15.16	15.08	16	1	
20	QPSK	100	0	14.98	15.12	15.04			
20	16QAM	1	0	14.89	14.99	14.86			
20	16QAM	1	49	15.24	15.33	15.21	16	1	
20	16QAM	1	99	14.93	15.11	14.91	15	2	
20	16QAM	50	0	14.04	14.10	14.13			
20	16QAM	50	24	14.08	14.17	14.06			
20	16QAM	50	50	14.08	14.19	14.10	15	2	
20	16QAM	100	0	14.05	14.18	14.11			
20	64QAM	1	0	13.86	13.98	13.84			
20	64QAM	1	49	14.30	14.23	14.15	15	2	
20	64QAM	1	99	13.81	13.93	13.87	14	3	
20	64QAM	50	0	12.95	13.12	13.13			
20	64QAM	50	24	13.03	13.12	13.07			
20	64QAM	50	50	13.07	13.19	13.07	14	3	
20	64QAM	100	0	13.04	13.13	13.13			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	17	0	
15	QPSK	1	0	15.28	15.26	15.18			
15	QPSK	1	37	15.51	15.62	15.64			
15	QPSK	1	74	15.28	15.27	15.18	16	1	
15	QPSK	36	0	15.05	15.04	15.02			
15	QPSK	36	20	14.98	15.04	14.99			
15	QPSK	36	39	14.99	15.03	15.00	16	1	
15	QPSK	75	0	14.85	14.99	14.97			
15	16QAM	1	0	14.76	14.87	14.76			
15	16QAM	1	37	15.10	15.26	15.12	16	1	
15	16QAM	1	74	14.78	14.96	14.84	15	2	
15	16QAM	36	0	13.99	13.96	14.08			
15	16QAM	36	20	14.00	14.12	14.00			
15	16QAM	36	39	13.98	14.04	13.96	15	2	
15	16QAM	75	0	13.90	14.06	14.00			
15	64QAM	1	0	13.77	13.83	13.71			
15	64QAM	1	37	14.19	14.11	14.08	15	2	
15	64QAM	1	74	13.75	13.87	13.76	14	3	
15	64QAM	36	0	12.89	13.04	13.08			
15	64QAM	36	20	12.89	13.01	12.93			
15	64QAM	36	39	12.95	13.09	13.00	14	3	
15	64QAM	75	0	12.89	13.02	13.07			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	17	0	
10	QPSK	1	0	15.23	15.22	15.14			
10	QPSK	1	25	15.52	15.59	15.62			
10	QPSK	1	49	15.25	15.29	15.13	16	1	
10	QPSK	25	0	15.01	15.14	15.10			
10	QPSK	25	12	14.96	15.04	14.92			
10	QPSK	25	25	14.96	15.08	15.02	16	1	
10	QPSK	50	0	14.84	15.06	14.94			
10	16QAM	1	0	14.80	14.94	14.79			
10	16QAM	1	25	15.09	15.23	15.08	16	1	
10	16QAM	1	49	14.86	14.98	14.77	15	2	
10	16QAM	25	0	13.99	13.95	14.00			
10	16QAM	25	12	14.03	14.02	13.94			
10	16QAM	25	25	13.94	14.13	13.97	15	2	
10	16QAM	50	0	13.97	14.03	14.06			
10	64QAM	1	0	13.72	13.89	13.69			
10	64QAM	1	25	14.19	14.17	14.10	15	2	
10	64QAM	1	49	13.66	13.83	13.75	14	3	
10	64QAM	25	0	12.86	13.07	12.99			
10	64QAM	25	12	12.94	13.02	12.99			
10	64QAM	25	25	12.98	13.13	12.97	14	3	
10	64QAM	50	0	12.89	12.98	13.05			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	17	0	
5	QPSK	1	0	15.26	15.25	15.19			
5	QPSK	1	12	15.50	15.59	15.55			
5	QPSK	1	24	15.28	15.25	15.18	16	1	
5	QPSK	12	0	15.00	15.11	15.07			
5	QPSK	12	7	14.97	14.97	14.98			
5	QPSK	12	13	14.92	15.11	15.03	16	1	
5	QPSK	25	0	14.88	15.01	14.90			
5	16QAM	1	0	14.84	14.90	14.81			
5	16QAM	1	12	15.12	15.27	15.12	16	1	
5	16QAM	1	24	14.79	15.01	14.77	15	2	
5	16QAM	12	0	13.97	13.96	14.08			
5	16QAM	12	7	13.96	14.02	13.97			
5	16QAM	12	13	13.95	14.14	14.05	15	2	
5	16QAM	25	0	14.00	14.13	13.99			
5	64QAM	1	0	13.81	13.86	13.78			
5	64QAM	1	12	14.21	14.14	14.01	15	2	
5	64QAM	1	24	13.73	13.85	13.73	14	3	
5	64QAM	12	0	12.89	13.04	13.01			
5	64QAM	12	7	12.91	12.99	13.00			
5	64QAM	12	13	12.99	13.10	12.99	14	3	
5	64QAM	25	0	12.91	13.06	12.99			

Band 38_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				37850	38000	38150					
Frequency (MHz)				2590	2595	2610					
20	QPSK	1	0	23.06	22.97	22.95	24	0			
20	QPSK	1	49	23.41	23.43	23.39					
20	QPSK	1	99	23.04	23.04	23.07					
20	QPSK	50	0	22.98	22.70	22.67					
20	QPSK	50	24	22.62	22.63	22.66	23	1			
20	QPSK	50	50	22.64	22.69	22.66					
20	QPSK	100	0	22.62	22.67	22.65					
20	16QAM	1	0	22.54	22.46	22.46					
20	16QAM	1	49	22.55	22.58	22.60	23	1			
20	16QAM	1	99	22.52	22.50	22.55					
20	16QAM	50	0	21.73	21.68	21.64					
20	16QAM	50	24	21.78	21.70	21.74					
20	16QAM	50	50	21.76	21.76	21.78	22	2			
20	16QAM	100	0	21.79	21.74	21.77					
20	64QAM	1	0	21.30	21.23	21.22					
20	64QAM	1	49	21.47	21.45	21.50					
20	64QAM	1	99	21.29	21.27	21.30	22	2			
20	64QAM	50	0	20.77	20.69	20.69					
20	64QAM	50	24	20.81	20.71	20.74					
20	64QAM	50	50	20.77	20.72	20.81					
20	64QAM	100	0	20.78	20.75	20.79	Channel				
Frequency (MHz)				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)			
15	QPSK	1	0	23.00	22.82	22.92	24	0			
15	QPSK	1	37	23.31	23.36	23.25					
15	QPSK	1	74	22.99	22.93	23.02					
15	QPSK	36	0	22.59	22.57	22.60					
15	QPSK	36	20	22.52	22.49	22.58	23	1			
15	QPSK	36	39	22.50	22.63	22.54					
15	QPSK	75	0	22.57	22.65	22.61					
15	16QAM	1	0	22.39	22.42	22.45					
15	16QAM	1	37	22.40	22.57	22.55	23	1			
15	16QAM	1	74	22.51	22.46	22.54					
15	16QAM	36	0	21.72	21.54	21.62					
15	16QAM	36	20	21.67	21.59	21.71					
15	16QAM	36	39	21.63	21.68	21.67	22	2			
15	16QAM	75	0	21.75	21.65	21.70					
15	64QAM	1	0	21.27	21.17	21.16					
15	64QAM	1	37	21.40	21.41	21.38					
15	64QAM	1	74	21.22	21.20	21.21	21	3			
15	64QAM	36	0	20.65	20.65	20.65					
15	64QAM	36	20	20.67	20.60	20.59					
15	64QAM	36	39	20.63	20.58	20.75					
15	64QAM	75	0	20.65	20.62	20.70	Channel				
Frequency (MHz)				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)			
10	QPSK	1	0	22.97	22.85	22.93	24	0			
10	QPSK	1	25	23.29	23.41	23.38					
10	QPSK	1	49	22.92	23.02	23.03					
10	QPSK	25	0	22.57	22.59	22.57					
10	QPSK	25	12	22.53	22.58	22.57	23	1			
10	QPSK	25	25	22.61	22.63	22.56					
10	QPSK	50	0	22.48	22.55	22.58					
10	16QAM	1	0	22.46	22.36	22.41					
10	16QAM	1	25	22.48	22.52	22.55	23	1			
10	16QAM	1	49	22.42	22.39	22.45					
10	16QAM	25	0	21.61	21.57	21.63					
10	16QAM	25	12	21.74	21.56	21.69					
10	16QAM	25	25	21.65	21.75	21.72	22	2			
10	16QAM	50	0	21.78	21.62	21.72					
10	64QAM	1	0	21.26	21.15	21.07					
10	64QAM	1	25	21.33	21.32	21.49					
10	64QAM	1	49	21.17	21.17	21.15	21	3			
10	64QAM	25	0	20.68	20.54	20.55					
10	64QAM	25	12	20.72	20.60	20.64					
10	64QAM	25	25	20.74	20.64	20.76					
10	64QAM	50	0	20.71	20.71	20.73	Channel				
Frequency (MHz)				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)			
5	QPSK	1	0	23.02	22.83	22.85	24	0			
5	QPSK	1	12	23.31	23.40	23.33					
5	QPSK	1	24	22.99	23.00	23.02					
5	QPSK	12	0	22.66	22.55	22.56					
5	QPSK	12	7	22.57	22.54	22.55	23	1			
5	QPSK	12	13	22.58	22.66	22.52					
5	QPSK	25	0	22.50	22.63	22.62					
5	16QAM	1	0	22.40	22.34	22.35					
5	16QAM	1	12	22.48	22.50	22.54	23	1			
5	16QAM	1	24	22.45	22.48	22.41					
5	16QAM	12	0	21.63	21.54	21.57					
5	16QAM	12	7	21.74	21.61	21.64					
5	16QAM	12	13	21.68	21.65	21.65	22	2			
5	16QAM	25	0	21.74	21.66	21.70					
5	64QAM	1	0	21.25	21.11	21.07					
5	64QAM	1	12	21.35	21.31	21.46					
5	64QAM	1	24	21.22	21.15	21.24	22	2			
5	64QAM	12	0	20.71	20.54	20.68					
5	64QAM	12	7	20.77	20.67	20.65					
5	64QAM	12	13	20.65	20.65	20.71					
5	64QAM	25	0	20.74	20.74	20.64					

Band 38_Ant 3														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)						
Channel				37850	38000	38150								
Frequency (MHz)				2580	2595	2610								
20	QPSK	1	0	17.39	17.26	17.27	19	0						
20	QPSK	1	49	17.67	17.77	17.64								
20	QPSK	1	99	17.33	17.23	17.30								
20	QPSK	50	0	17.06	17.10	17.03								
20	QPSK	50	24	17.00	16.92	16.94	18	1						
20	QPSK	50	50	16.96	16.99	17.02								
20	QPSK	100	0	17.01	17.07	17.00								
20	16QAM	1	0	16.97	16.80	16.80								
20	16QAM	1	49	17.06	17.03	17.01	18	1						
20	16QAM	1	99	16.91	16.73	16.76								
20	16QAM	50	0	16.15	15.95	15.98								
20	16QAM	50	24	16.09	15.97	16.00								
20	16QAM	50	50	16.10	16.03	16.01	17	2						
20	16QAM	100	0	16.18	16.04	15.98								
20	64QAM	1	0	15.70	15.55	15.46								
20	64QAM	1	49	15.72	15.70	15.83								
20	64QAM	1	99	15.60	15.54	15.47	17	2						
20	64QAM	50	0	15.09	15.04	14.94								
20	64QAM	50	24	15.20	15.04	15.00								
20	64QAM	50	50	15.20	15.01	15.02								
20	64QAM	100	0	15.24	15.03	15.02	16	3						
Channel				37825	38000	38175					Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5								
15	QPSK	1	0	17.24	17.18	17.20					19	0		
15	QPSK	1	3	17.56	17.67	17.51	18	1						
15	QPSK	1	74	17.27	17.16	17.16								
15	QPSK	36	0	16.96	16.98	16.90								
15	QPSK	36	20	16.93	16.81	16.82								
15	QPSK	36	39	16.90	16.89	16.96	18	1						
15	QPSK	75	0	16.94	16.99	16.87								
15	16QAM	1	0	16.89	16.68	16.73								
15	16QAM	1	37	16.93	16.88	16.96								
15	16QAM	1	74	16.80	16.68	16.67	18	1						
15	16QAM	36	0	16.09	15.89	15.90								
15	16QAM	36	20	15.97	15.90	15.86								
15	16QAM	36	39	15.95	15.80	15.85								
15	16QAM	75	0	16.07	15.88	15.95	17	2						
15	64QAM	1	0	15.59	15.40	15.32								
15	64QAM	1	37	15.65	15.61	15.68								
15	64QAM	1	74	15.51	15.39	15.32								
15	64QAM	36	0	15.03	14.94	14.80	16	3						
15	64QAM	36	20	15.06	14.94	14.95								
15	64QAM	36	39	15.11	14.92	14.95								
15	64QAM	75	0	15.14	14.94	14.97								
Channel				37800	38000	38200	Tune-up limit (dbm)	MPR (dB)						
Frequency (MHz)				2575	2595	2615								
10	QPSK	1	0	17.26	17.11	17.15	19	0						
10	QPSK	1	25	17.56	17.70	17.51								
10	QPSK	1	49	17.19	17.11	17.15								
10	QPSK	25	0	16.96	16.97	16.88								
10	QPSK	25	12	16.86	16.77	16.79	18	1						
10	QPSK	25	25	16.91	16.84	16.97								
10	QPSK	50	0	16.88	16.95	16.87								
10	16QAM	1	0	16.93	16.70	16.67								
10	16QAM	1	25	16.93	16.97	16.91	18	1						
10	16QAM	1	49	16.82	16.68	16.62								
10	16QAM	25	0	16.03	15.84	15.86								
10	16QAM	25	12	15.98	15.82	15.93								
10	16QAM	25	25	16.03	15.97	15.86	17	2						
10	16QAM	50	0	16.09	15.97	15.89								
10	64QAM	1	0	15.55	15.42	15.36								
10	64QAM	1	25	15.65	15.61	15.71								
10	64QAM	1	49	15.51	15.41	15.35	17	2						
10	64QAM	25	0	15.04	14.92	14.86								
10	64QAM	25	12	15.15	14.96	14.92								
10	64QAM	25	25	15.05	14.96	14.93								
10	64QAM	50	0	15.15	14.92	14.96	16	3						
Channel				37775	38000	38225					Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5								
5	QPSK	1	0	17.34	17.12	17.17					19	0		
5	QPSK	1	12	17.52	17.65	17.50								
5	QPSK	1	24	17.22	17.21	17.21								
5	QPSK	12	0	17.00	16.95	16.89								
5	QPSK	12	7	16.87	16.83	16.81	18	1						
5	QPSK	12	13	16.90	16.86	16.94								
5	QPSK	25	0	16.91	16.98	16.88								
5	16QAM	1	0	16.91	16.70	16.67								
5	16QAM	1	12	17.00	16.89	16.94	18	1						
5	16QAM	1	24	16.77	16.58	16.63								
5	16QAM	12	0	16.02	15.83	15.84								
5	16QAM	12	7	15.95	15.84	15.93								
5	16QAM	12	13	15.98	15.98	15.95	17	2						
5	16QAM	25	0	16.11	15.99	15.85								
5	64QAM	1	0	15.56	15.42	15.31								
5	64QAM	1	12	15.60	15.56	15.68								
5	64QAM	1	24	15.51	15.39	15.50	17	2						
5	64QAM	12	0	14.96	14.91	14.87								
5	64QAM	12	7	15.14	14.93	14.88								
5	64QAM	12	13	15.08	14.92	14.97								
5	64QAM	25	0	15.10	14.94	14.87	16	3						

Band 41_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				40140	40400	40670	41140			
Frequency (MHz)				2545	2571	2598	2545			
20	QPSK	1	0	17.88	17.84	17.90	17.78	19	0	
20	QPSK	1	49	18.05	18.05	18.12	17.98			
20	QPSK	1	99	17.73	17.81	17.79	17.83			
20	QPSK	50	0	17.09	17.03	17.11	17.10			
20	QPSK	50	24	17.08	16.95	17.09	17.02	18	1	
20	QPSK	50	50	16.98	17.00	17.09	16.96			
20	QPSK	100	0	17.05	17.02	17.11	17.10			
20	16QAM	1	0	17.05	17.04	17.10	17.06			
20	16QAM	1	49	17.18	17.10	17.20	17.19	18	1	
20	16QAM	1	99	16.96	16.90	17.08	16.90			
20	16QAM	50	0	16.99	16.97	17.05	17.02			
20	16QAM	50	24	17.08	17.02	17.12	17.06			
20	16QAM	50	50	16.97	17.10	17.03	17.09	17	2	
20	16QAM	100	0	17.03	17.08	17.06	16.97			
20	64QAM	1	0	16.71	16.75	16.83	16.64			
20	64QAM	1	49	16.88	16.86	16.95	16.91			
20	64QAM	1	99	16.70	16.70	16.81	16.66	17	2	
20	64QAM	50	0	16.07	16.04	16.15	16.06			
20	64QAM	50	24	16.15	16.19	16.25	16.21			
20	64QAM	50	50	16.02	16.04	16.04	16.07			
20	64QAM	100	0	16.02	16.08	16.15	16.05			
Channel				40115	40395	40685	41165			
Frequency (MHz)				2542.5	2570.5	2599.5	2547.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	17.82	17.75	17.79	17.75	19	0	
15	QPSK	1	37	17.94	17.95	17.99	17.98			
15	QPSK	1	74	17.81	17.72	17.64	17.73			
15	QPSK	36	0	17.01	16.90	17.02	17.10			
15	QPSK	36	20	17.03	16.82	16.99	16.94	18	1	
15	QPSK	36	39	16.93	16.94	16.96	16.87			
15	QPSK	75	0	16.90	16.89	17.01	16.95			
15	16QAM	1	0	16.91	16.91	17.01	17.04			
15	16QAM	1	37	17.11	16.95	17.06	17.12	18	1	
15	16QAM	1	74	16.83	16.81	16.94	16.85			
15	16QAM	36	0	16.89	16.82	16.97	16.98			
15	16QAM	36	20	16.94	16.91	17.07	16.92			
15	16QAM	36	39	16.83	17.03	16.91	17.03	17	2	
15	16QAM	75	0	16.95	17.00	16.94	16.89			
15	64QAM	1	0	16.58	16.65	16.73	16.59			
15	64QAM	1	37	16.79	16.76	16.83	16.85			
15	64QAM	1	74	16.64	16.58	16.70	16.55	17	2	
15	64QAM	36	0	15.96	15.92	16.01	16.01			
15	64QAM	36	20	16.00	16.07	16.13	16.21			
15	64QAM	36	39	15.88	15.92	15.97	16.07			
15	64QAM	75	0	15.90	15.96	16.05	15.95			
Channel				40090	40390	40690	41190			
Frequency (MHz)				2540	2570	2600	2650	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	17.78	17.72	17.83	17.67	19	0	
10	QPSK	1	25	17.95	17.91	18.03	17.94			
10	QPSK	1	49	17.64	17.70	17.68	17.79			
10	QPSK	25	0	17.00	16.96	17.06	17.07			
10	QPSK	25	12	16.96	16.80	16.96	16.97	18	1	
10	QPSK	25	25	16.93	16.85	17.00	16.92			
10	QPSK	50	0	17.00	16.89	17.04	17.06			
10	16QAM	1	0	16.91	16.98	16.99	16.92			
10	16QAM	1	25	17.07	16.96	17.05	17.11	18	1	
10	16QAM	1	49	16.90	16.79	16.96	16.80			
10	16QAM	25	0	16.88	16.91	16.91	16.97			
10	16QAM	25	12	17.00	16.95	17.06	16.97			
10	16QAM	25	25	16.87	16.97	16.92	16.99	17	2	
10	64QAM	1	0	16.88	16.99	16.95	16.84			
10	64QAM	1	0	16.57	16.62	16.68	16.49			
10	64QAM	1	25	16.73	16.72	16.86	16.77			
10	64QAM	1	49	16.61	16.58	16.75	16.63	17	2	
10	64QAM	25	0	15.98	15.89	16.06	15.92			
10	64QAM	25	12	16.08	16.08	16.19	16.19			
10	64QAM	25	25	15.92	15.89	15.89	16.06			
10	64QAM	50	0	15.95	15.96	16.04	15.98			
Channel				40065	40385	40705	41215			
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	17.75	17.70	17.78	17.67	19	0	
5	QPSK	1	12	17.97	18.00	18.06	17.99			
5	QPSK	1	24	17.66	17.75	17.74	17.75			
5	QPSK	12	0	17.01	16.95	17.06	17.06			
5	QPSK	12	7	17.01	16.83	17.01	17.02	18	1	
5	QPSK	12	13	16.86	16.90	17.01	16.87			
5	QPSK	25	0	16.94	16.90	17.00	17.02			
5	16QAM	1	0	16.96	16.99	16.95	17.05			
5	16QAM	1	12	17.04	16.95	17.15	17.19	18	1	
5	16QAM	1	24	16.81	16.80	16.97	16.77			
5	16QAM	12	0	16.88	16.84	16.96	16.95			
5	16QAM	12	7	16.97	16.89	17.02	17.04			
5	16QAM	12	13	16.82	16.95	16.97	16.99	17	2	
5	16QAM	25	0	16.88	16.97	16.99	16.97			
5	64QAM	1	0	16.62	16.63	16.71	16.56			
5	64QAM	1	12	16.77	16.72	16.80	16.91			
5	64QAM	1	24	16.64	16.63	16.72	16.63	17	2	
5	64QAM	12	0	15.98	15.92	16.01	15.99			
5	64QAM	12	7	16.04	16.08	16.16	16.20			
5	64QAM	12	13	15.95	15.90	15.94	15.98			
5	64QAM	25	0	15.96	15.95	16.09	16.03			
Channel				40065	40385	40705	41215			
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	Tune-up limit (dBm)	MPR (dB)	

Reduced Power Mode for Hotspot 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	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)								
GSM 1 Tx slot	32.07	32.20	32.09	33.50	23.07	23.20	23.09	24.50
GPRS 1 Tx slot	32.18	32.30	32.16	33.50	23.18	23.30	23.16	24.50
GPRS 2 Tx slots	30.33	30.35	30.32	31.50	24.33	24.35	24.32	25.50
GPRS 3 Tx slots	28.27	28.32	28.17	29.50	24.01	24.06	23.91	25.24
GPRS 4 Tx slots	26.23	26.37	26.34	27.50	23.23	23.37	23.34	24.50
EDGE 1 Tx slot	26.14	26.21	26.18	27.50	17.14	17.21	17.18	18.50
EDGE 2 Tx slots	24.13	24.22	24.18	25.50	18.13	18.22	18.18	19.50
EDGE 3 Tx slots	21.85	21.92	21.78	23.50	17.59	17.66	17.52	19.24
EDGE 4 Tx slots	19.57	19.68	19.67	21.00	16.57	16.68	16.67	18.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	832.4	840.6	
3GPP Rel 99	AMR 12.2Kbps	23.40	23.40	23.38	24.00
3GPP Rel 99	RMC 12.2Kbps	23.44	23.46	23.42	24.00
3GPP Rel 6	HSDPA Subtest-1	22.68	22.54	22.60	23.00
3GPP Rel 6	HSDPA Subtest-2	22.62	22.45	22.34	23.00
3GPP Rel 6	HSDPA Subtest-3	22.09	22.01	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	22.04	22.00	21.94	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.47	22.56	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.35	22.24	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.07	21.86	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.97	21.87	21.89	22.50
3GPP Rel 6	HSUPA Subtest-1	20.65	20.54	20.56	21.50
3GPP Rel 6	HSUPA Subtest-2	20.55	20.46	20.54	21.50
3GPP Rel 6	HSUPA Subtest-3	21.64	21.52	21.54	22.50
3GPP Rel 6	HSUPA Subtest-4	20.18	20.00	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.50	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.16	19.87	20.04	21.00

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.34	23.35	23.35	23	1
10	QPSK	1	25	23.43	23.44	23.43		
10	QPSK	1	49	23.34	23.29	23.29	23	1
10	QPSK	25	0	22.49	22.53	22.45		
10	QPSK	25	12	22.45	22.44	22.42	23	1
10	QPSK	25	25	22.48	22.45	22.34		
10	QPSK	50	0	22.48	22.50	22.45	23	1
10	16QAM	1	0	22.50	22.63	22.58		
10	16QAM	1	25	22.88	22.67	22.67	22	2
10	16QAM	1	49	22.59	22.55	22.57		
10	16QAM	25	0	21.46	21.39	21.46	22	2
10	16QAM	25	12	21.43	21.42	21.45		
10	16QAM	25	25	21.45	21.43	21.34	22	2
10	16QAM	50	0	21.47	21.41	21.44		
10	64QAM	1	0	21.43	21.53	21.47	21	3
10	64QAM	1	25	21.62	21.56	21.59		
10	64QAM	1	49	21.56	21.48	21.46	21	3
10	64QAM	25	0	20.55	20.43	20.51		
10	64QAM	25	12	20.49	20.50	20.49	21	3
10	64QAM	25	25	20.55	20.51	20.34		
10	64QAM	50	0	20.55	20.49	20.47	24	0
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5	23	1
5	QPSK	1	0	23.22	23.33	23.31		
5	QPSK	1	12	23.33	23.38	23.34	23	1
5	QPSK	1	24	23.21	23.14	23.17		
5	QPSK	12	0	22.46	22.42	22.39	23	1
5	QPSK	12	7	22.31	22.38	22.39		
5	QPSK	12	13	22.35	22.39	22.30	23	1
5	QPSK	25	0	22.43	22.44	22.42		
5	16QAM	1	0	22.45	22.61	22.51	22	2
5	16QAM	1	12	22.60	22.52	22.66		
5	16QAM	1	24	22.55	22.47	22.46	22	2
5	16QAM	12	0	21.36	21.34	21.35		
5	16QAM	12	7	21.34	21.36	21.33	22	2
5	16QAM	12	13	21.32	21.39	21.30		
5	16QAM	25	0	21.32	21.40	21.43	22	2
5	64QAM	1	0	21.39	21.50	21.43		
5	64QAM	1	12	21.58	21.43	21.57	21	3
5	64QAM	1	24	21.46	21.43	21.31		
5	64QAM	12	0	20.41	20.35	20.39	21	3
5	64QAM	12	7	20.37	20.42	20.45		
5	64QAM	12	13	20.45	20.42	20.20	21	3
5	64QAM	25	0	20.50	20.35	20.34		
Channel				20415	20525	20635	24	0
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.20	23.30	23.30	23	1
3	QPSK	1	8	23.42	23.41	23.37		
3	QPSK	1	14	23.21	23.27	23.19	23	1
3	QPSK	8	0	22.45	22.43	22.35		
3	QPSK	8	4	22.34	22.34	22.37	23	1
3	QPSK	8	7	22.37	22.44	22.24		
3	QPSK	15	0	22.42	22.49	22.41	23	1
3	16QAM	1	0	22.48	22.57	22.48		
3	16QAM	1	8	22.57	22.57	22.56	22	2
3	16QAM	1	14	22.56	22.53	22.44		
3	16QAM	8	0	21.33	21.37	21.36	22	2
3	16QAM	8	4	21.41	21.28	21.36		
3	16QAM	8	7	21.43	21.36	21.20	22	2
3	16QAM	15	0	21.37	21.34	21.31		
3	64QAM	1	0	21.35	21.40	21.43	22	2
3	64QAM	1	8	21.53	21.47	21.51		
3	64QAM	1	14	21.48	21.37	21.43	21	3
3	64QAM	8	0	20.42	20.38	20.46		
3	64QAM	8	4	20.44	20.46	20.41	21	3
3	64QAM	8	7	20.45	20.49	20.28		
3	64QAM	15	0	20.49	20.45	20.37	24	0
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	24	0
1.4	QPSK	1	0	23.23	23.24	23.22		
1.4	QPSK	1	3	23.42	23.39	23.28	23	1
1.4	QPSK	1	5	23.30	23.22	23.21		
1.4	QPSK	3	0	23.40	23.27	23.25	23	1
1.4	QPSK	3	1	23.30	23.38	23.18		
1.4	QPSK	3	3	23.41	23.36	23.24	23	1
1.4	QPSK	6	0	22.47	22.39	22.36		
1.4	16QAM	1	0	22.35	22.51	22.52	23	1
1.4	16QAM	1	3	22.84	22.52	22.55		
1.4	16QAM	1	5	22.50	22.45	22.52	22	2
1.4	16QAM	3	0	22.51	22.46	22.54		
1.4	16QAM	3	1	22.49	22.39	22.41	22	2
1.4	16QAM	3	3	22.53	22.51	22.41		
1.4	16QAM	6	0	21.45	21.31	21.38	22	2
1.4	64QAM	1	0	21.35	21.51	21.40		
1.4	64QAM	1	3	21.53	21.44	21.47	22	2
1.4	64QAM	1	5	21.44	21.35	21.43		
1.4	64QAM	3	0	21.30	21.39	21.35	21	3
1.4	64QAM	3	1	21.52	21.39	21.45		
1.4	64QAM	3	3	21.36	21.32	21.33	21	3
1.4	64QAM	6	0	20.46	20.38	20.45		

Band 5_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	21	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.91	19.87	19.85	20	1
10	QPSK	1	25	19.97	20.01	20.00		
10	QPSK	1	49	19.87	19.89	19.81		
10	QPSK	25	0	19.07	19.12	19.08	20	1
10	QPSK	25	12	19.02	19.02	19.05		
10	QPSK	25	25	18.97	18.95	18.94		
10	QPSK	50	0	19.01	19.07	19.00	20	1
10	16QAM	1	0	19.02	19.14	19.06		
10	16QAM	1	25	19.18	19.17	19.20		
10	16QAM	1	49	19.09	19.12	19.14	19	2
10	16QAM	25	0	17.96	17.84	18.11		
10	16QAM	25	12	18.00	17.99	17.95		
10	16QAM	25	25	18.01	17.96	17.88	19	2
10	16QAM	50	0	18.05	17.93	18.01		
10	64QAM	1	0	18.02	18.01	18.00		
10	64QAM	1	25	18.17	18.15	18.17	19	2
10	64QAM	1	49	18.10	17.97	17.94		
10	64QAM	25	0	17.09	16.95	17.13		
10	64QAM	25	12	17.00	17.08	17.03	18	3
10	64QAM	25	25	17.12	17.09	16.97		
10	64QAM	50	0	17.06	17.03	17.05		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.85	19.81	19.80	21	0
5	QPSK	1	12	19.86	19.87	19.86		
5	QPSK	1	24	19.78	19.80	19.67		
5	QPSK	12	0	18.97	19.00	18.97	20	1
5	QPSK	12	7	18.87	18.90	18.85		
5	QPSK	12	13	18.85	18.87	18.84		
5	QPSK	25	0	18.86	19.00	18.85	20	1
5	16QAM	1	0	18.95	19.03	18.99		
5	16QAM	1	12	19.08	19.11	19.07		
5	16QAM	1	24	19.00	19.04	19.07	19	2
5	16QAM	12	0	17.89	17.69	18.02		
5	16QAM	12	7	17.89	17.87	17.84		
5	16QAM	12	13	17.88	17.87	17.82	19	2
5	16QAM	25	0	17.95	17.79	17.87		
5	64QAM	1	0	17.94	17.95	17.93		
5	64QAM	1	12	18.10	18.10	18.05	19	2
5	64QAM	1	24	18.02	17.86	17.86		
5	64QAM	12	0	16.95	16.88	17.03		
5	64QAM	12	7	16.93	17.00	16.91	18	3
5	64QAM	12	13	17.05	16.96	16.88		
5	64QAM	25	0	16.98	16.95	16.94		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.80	19.77	19.78	21	0
3	QPSK	1	8	19.88	19.93	19.91		
3	QPSK	1	14	19.75	19.76	19.67		
3	QPSK	8	0	18.94	19.01	19.00	20	1
3	QPSK	8	4	18.92	18.97	18.81		
3	QPSK	8	7	18.84	18.89	18.84		
3	QPSK	15	0	18.94	18.92	18.94	20	1
3	16QAM	1	0	18.90	19.06	18.91		
3	16QAM	1	8	19.10	19.08	19.09		
3	16QAM	1	14	19.00	19.04	19.06	19	2
3	16QAM	8	0	18.67	17.69	17.96		
3	16QAM	8	4	17.95	17.84	17.88		
3	16QAM	8	7	17.90	17.89	17.78	19	2
3	16QAM	15	0	17.99	17.88	17.93		
3	64QAM	1	0	17.88	17.93	17.95		
3	64QAM	1	8	18.05	18.04	18.06	19	2
3	64QAM	1	14	17.98	17.87	17.79		
3	64QAM	8	0	16.98	16.80	16.98		
3	64QAM	8	4	16.86	16.95	16.94	18	3
3	64QAM	8	7	17.07	16.96	16.88		
3	64QAM	15	0	16.95	16.90	16.95		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.82	19.73	19.80	21	0
1.4	QPSK	1	3	19.92	19.95	19.94		
1.4	QPSK	1	5	19.80	19.76	19.73		
1.4	QPSK	3	0	19.73	19.65	19.79	20	1
1.4	QPSK	3	1	19.91	19.82	19.87		
1.4	QPSK	3	3	19.73	19.66	19.68		
1.4	QPSK	6	0	18.94	18.92	18.85	20	1
1.4	16QAM	1	0	18.97	19.06	18.94		
1.4	16QAM	1	3	19.07	19.07	19.06		
1.4	16QAM	1	5	18.96	18.98	19.09	20	1
1.4	16QAM	3	0	18.93	18.97	18.80		
1.4	16QAM	3	1	18.97	18.94	18.98		
1.4	16QAM	3	3	18.93	18.94	19.00	19	2
1.4	16QAM	6	0	18.00	17.83	17.89		
1.4	16QAM	6	1	17.94	17.94	17.86		
1.4	64QAM	1	3	18.02	18.06	18.04	19	2
1.4	64QAM	1	5	18.03	17.82	17.80		
1.4	64QAM	3	0	17.88	17.90	17.79		
1.4	64QAM	3	1	17.93	17.86	17.96	18	3
1.4	64QAM	3	3	17.99	17.76	17.74		
1.4	64QAM	6	0	16.94	16.93	16.98		

Band 7_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	13.83	13.83	13.77	15.5	0	
20	QPSK	1	49	14.22	14.28	14.17			
20	QPSK	1	99	13.75	13.87	13.84			
20	QPSK	50	0	13.62	13.72	13.63	14.5	1	
20	QPSK	50	24	13.58	13.64	13.57			
20	QPSK	50	50	13.56	13.62	13.60			
20	QPSK	100	0	13.56	13.65	13.61	14.5	1	
20	16QAM	1	0	13.42	13.46	13.37			
20	16QAM	1	49	13.75	13.80	13.77			
20	16QAM	1	99	13.39	13.58	13.46	13.5	2	
20	16QAM	50	0	12.50	12.61	12.58			
20	16QAM	50	24	12.52	12.70	12.61			
20	16QAM	50	50	12.56	12.69	12.62	13.5	2	
20	16QAM	100	0	12.57	12.62	12.64			
20	64QAM	1	0	12.38	12.44	12.41	13.5	2	
20	64QAM	1	49	12.71	12.77	12.74			
20	64QAM	1	99	12.33	12.50	12.42			
20	64QAM	50	0	11.49	11.59	11.62	12.5	3	
20	64QAM	50	24	11.49	11.63	11.64			
20	64QAM	50	50	11.54	11.70	11.58			
20	64QAM	100	0	11.52	11.68	11.61			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	13.76	13.77	13.63	15.5	0	
15	QPSK	1	37	14.16	14.21	14.02			
15	QPSK	1	74	13.70	13.77	13.69			
15	QPSK	36	0	13.53	13.62	13.48	14.5	1	
15	QPSK	36	20	13.49	13.57	13.44			
15	QPSK	36	39	13.41	13.47	13.55			
15	QPSK	75	0	13.48	13.52	13.54	14.5	1	
15	16QAM	1	0	13.27	13.36	13.26			
15	16QAM	1	37	13.60	13.66	13.66			
15	16QAM	1	74	13.30	13.51	13.40	13.5	2	
15	16QAM	36	0	12.37	12.53	12.53			
15	16QAM	36	20	12.39	12.65	12.53			
15	16QAM	36	39	12.51	12.54	12.56	13.5	2	
15	16QAM	75	0	12.43	12.53	12.51			
15	64QAM	1	0	12.28	12.32	12.34			
15	64QAM	1	37	12.65	12.63	12.64	13.5	2	
15	64QAM	1	74	12.21	12.44	12.37			
15	64QAM	36	0	11.39	11.48	11.54			
15	64QAM	36	20	11.38	11.53	11.52	12.5	3	
15	64QAM	36	39	11.42	11.58	11.48			
15	64QAM	75	0	11.41	11.60	11.51			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	13.73	13.74	13.63	15.5	0	
10	QPSK	1	25	14.10	14.19	14.10			
10	QPSK	1	49	13.66	13.78	13.69			
10	QPSK	25	0	13.51	13.65	13.58	14.5	1	
10	QPSK	25	12	13.46	13.56	13.50			
10	QPSK	25	25	13.42	13.55	13.49			
10	QPSK	50	0	13.44	13.56	13.55	14.5	1	
10	16QAM	1	0	13.37	13.39	13.25			
10	16QAM	1	25	13.61	13.69	13.67			
10	16QAM	1	49	13.33	13.52	13.31	13.5	2	
10	16QAM	25	0	12.41	12.51	12.45			
10	16QAM	25	12	12.46	12.58	12.54			
10	16QAM	25	25	12.46	12.62	12.49	13.5	2	
10	16QAM	50	0	12.52	12.47	12.59			
10	64QAM	1	0	12.32	12.30	12.26			
10	64QAM	1	25	12.60	12.63	12.67	13.5	2	
10	64QAM	1	49	12.28	12.45	12.34			
10	64QAM	25	0	11.44	11.53	11.57			
10	64QAM	25	12	11.34	11.50	11.56	12.5	3	
10	64QAM	25	25	11.46	11.64	11.52			
10	64QAM	50	0	11.40	11.63	11.50			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	13.74	13.71	13.69	15.5	0	
5	QPSK	1	12	14.13	14.14	14.09			
5	QPSK	1	24	13.65	13.82	13.70			
5	QPSK	12	0	13.55	13.67	13.57	14.5	1	
5	QPSK	12	7	13.46	13.58	13.45			
5	QPSK	12	13	13.42	13.55	13.47			
5	QPSK	25	0	13.45	13.52	13.51	14.5	1	
5	16QAM	1	0	13.34	13.38	13.25			
5	16QAM	1	12	13.60	13.75	13.68			
5	16QAM	1	24	13.31	13.47	13.39	14.5	1	
5	16QAM	12	0	12.35	12.54	12.51			
5	16QAM	12	7	12.40	12.65	12.50			
5	16QAM	12	13	12.45	12.55	12.48	13.5	2	
5	16QAM	25	0	12.45	12.51	12.52			
5	64QAM	1	0	12.30	12.35	12.29			
5	64QAM	1	12	12.63	12.63	12.62	13.5	2	
5	64QAM	1	24	12.26	12.37	12.28			
5	64QAM	12	0	11.41	11.54	11.49			
5	64QAM	12	7	11.43	11.55	11.51	12.5	3	
5	64QAM	12	13	11.49	11.57	11.45			
5	64QAM	25	0	11.46	11.62	11.52			

Band 38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	13.95	13.83	13.99	15	0
20	QPSK	1	49	14.31	14.34	14.29		
20	QPSK	1	99	13.94	13.97	14.02		
20	QPSK	50	0	13.00	13.63	13.80	14	1
20	QPSK	50	24	13.49	13.54	13.58		
20	QPSK	50	50	13.58	13.54	13.51		
20	QPSK	100	0	13.48	13.61	13.57	14	1
20	16QAM	1	0	13.41	13.37	13.35		
20	16QAM	1	49	13.48	13.52	13.50		
20	16QAM	1	99	13.41	13.42	13.46	13	2
20	16QAM	50	0	12.64	12.54	12.50		
20	16QAM	50	24	12.63	12.57	12.59		
20	16QAM	50	50	12.64	12.71	12.64	13	2
20	16QAM	100	0	12.71	12.60	12.68		
20	64QAM	1	0	12.23	12.15	12.10		
20	64QAM	1	49	12.38	12.30	12.36	12	3
20	64QAM	1	99	12.20	12.20	12.23		
20	64QAM	50	0	11.68	11.58	11.54		
20	64QAM	50	24	11.68	11.62	11.68	12	3
20	64QAM	50	50	11.68	11.62	11.69		
20	64QAM	100	0	11.67	11.70	11.64		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	13.85	13.75	13.77	15	0
15	QPSK	1	37	14.26	14.29	14.20		
15	QPSK	1	74	13.83	13.84	13.92		
15	QPSK	36	0	13.52	13.49	13.45	14	1
15	QPSK	36	20	13.37	13.47	13.53		
15	QPSK	36	39	13.51	13.46	13.43		
15	QPSK	75	0	13.39	13.46	13.51	14	1
15	16QAM	1	0	13.27	13.26	13.24		
15	16QAM	1	37	13.40	13.42	13.45		
15	16QAM	1	74	13.31	13.33	13.38	13	2
15	16QAM	36	0	12.54	12.49	12.39		
15	16QAM	36	20	12.48	12.46	12.49		
15	16QAM	36	39	12.49	12.57	12.50	13	2
15	16QAM	75	0	12.57	12.46	12.54		
15	64QAM	1	0	12.14	12.08	11.95		
15	64QAM	1	37	12.31	12.16	12.26	13	2
15	64QAM	1	74	12.11	12.13	12.10		
15	64QAM	36	0	11.55	11.47	11.45		
15	64QAM	36	20	11.53	11.49	11.62	12	3
15	64QAM	36	39	11.61	11.54	11.55		
15	64QAM	75	0	11.61	11.62	11.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2617.5		
10	QPSK	1	0	13.84	13.88	13.75	15	0
10	QPSK	1	25	14.26	14.27	14.17		
10	QPSK	1	49	13.79	13.86	13.96		
10	QPSK	25	0	13.50	13.54	13.55	14	1
10	QPSK	25	12	13.34	13.40	13.44		
10	QPSK	25	25	13.52	13.44	13.42		
10	QPSK	50	0	13.42	13.48	13.49	14	1
10	16QAM	1	0	13.27	13.29	13.24		
10	16QAM	1	25	13.35	13.42	13.39		
10	16QAM	1	49	13.35	13.29	13.35	13	2
10	16QAM	25	0	12.58	12.41	12.38		
10	16QAM	25	12	12.57	12.46	12.50		
10	16QAM	25	25	12.54	12.57	12.59	13	2
10	16QAM	50	0	12.66	12.47	12.54		
10	64QAM	1	0	12.08	12.10	11.96		
10	64QAM	1	25	12.30	12.20	12.28	12	3
10	64QAM	1	49	12.05	12.14	12.11		
10	64QAM	25	0	11.59	11.45	11.48		
10	64QAM	25	12	11.63	11.52	11.59	12	3
10	64QAM	25	25	11.60	11.47	11.64		
10	64QAM	50	0	11.60	11.65	11.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	13.85	13.77	13.81	15	0
5	QPSK	1	12	14.23	14.29	14.17		
5	QPSK	1	24	13.88	13.82	13.89		
5	QPSK	12	0	13.48	13.51	13.48	14	1
5	QPSK	12	7	13.38	13.46	13.53		
5	QPSK	12	13	13.46	13.45	13.43		
5	QPSK	25	0	13.35	13.55	13.50	14	1
5	16QAM	1	0	13.26	13.22	13.22		
5	16QAM	1	12	13.37	13.46	13.41		
5	16QAM	1	24	13.29	13.36	13.35	13	2
5	16QAM	12	0	12.57	12.42	12.38		
5	16QAM	12	7	12.54	12.46	12.51		
5	16QAM	12	13	12.54	12.54	12.52	13	2
5	16QAM	25	0	12.64	12.55	12.59		
5	64QAM	1	0	12.14	12.01	12.02		
5	64QAM	1	12	12.32	12.25	12.22	12	3
5	64QAM	1	24	12.14	12.15	12.08		
5	64QAM	12	0	11.53	11.46	11.46		
5	64QAM	12	7	11.61	11.48	11.59	12	3
5	64QAM	12	13	11.53	11.55	11.54		
5	64QAM	25	0	11.58	11.58	11.58		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	15.58	15.37	15.38	17	0
20	QPSK	1	49	15.77	15.80	15.73		
20	QPSK	1	99	15.49	15.40	15.33		
20	QPSK	50	0	15.17	15.23	15.09	16	1
20	QPSK	50	24	15.12	15.11	15.06		
20	QPSK	50	50	15.12	15.12	15.09		
20	QPSK	100	0	15.10	15.15	15.09	16	1
20	16QAM	1	0	14.99	14.87	14.82		
20	16QAM	1	49	15.19	15.16	15.09		
20	16QAM	1	99	14.94	14.92	14.81	15	2
20	16QAM	50	0	14.27	14.07	14.07		
20	16QAM	50	24	14.23	14.08	14.11		
20	16QAM	50	50	14.18	14.16	14.12	15	2
20	16QAM	100	0	14.25	14.09	14.10		
20	64QAM	1	0	13.78	13.67	13.58		
20	64QAM	1	49	13.81	13.79	13.86	15	2
20	64QAM	1	99	13.68	13.70	13.62		
20	64QAM	50	0	13.27	13.12	13.00		
20	64QAM	50	24	13.34	13.09	13.13	14	3
20	64QAM	50	50	13.21	13.10	13.18		
20	64QAM	100	0	13.32	13.19	13.15		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	15.53	15.23	15.33	17	0
15	QPSK	1	37	15.71	15.67	15.67		
15	QPSK	1	74	15.39	15.26	15.23		
15	QPSK	36	0	15.12	15.15	14.98	16	1
15	QPSK	36	20	15.01	15.02	14.91		
15	QPSK	36	39	14.99	15.07	14.94		
15	QPSK	75	0	14.96	15.04	14.97	16	1
15	16QAM	1	0	14.89	14.82	14.70		
15	16QAM	1	37	15.05	15.09	14.96		
15	16QAM	1	74	14.82	14.83	14.68	15	2
15	16QAM	36	0	14.12	14.02	13.99		
15	16QAM	36	20	14.08	13.93	14.05		
15	16QAM	36	39	14.05	14.08	14.07	15	2
15	16QAM	75	0	14.20	13.95	14.04		
15	64QAM	1	0	13.68	13.60	13.52		
15	64QAM	1	37	13.73	13.68	13.72	15	2
15	64QAM	1	74	13.57	13.63	13.51		
15	64QAM	36	0	13.13	13.02	12.85		
15	64QAM	36	20	13.29	13.01	13.08	14	3
15	64QAM	36	39	13.13	13.03	13.07		
15	64QAM	75	0	13.22	13.05	13.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.48	15.30	15.32	17	0
10	QPSK	1	25	15.71	15.69	15.71		
10	QPSK	1	49	15.39	15.26	15.21		
10	QPSK	25	0	15.08	15.15	15.01	16	1
10	QPSK	25	12	15.02	14.96	14.91		
10	QPSK	25	25	14.97	15.04	14.96		
10	QPSK	50	0	15.00	15.00	14.94	16	1
10	16QAM	1	0	14.87	14.77	14.76		
10	16QAM	1	25	15.05	15.07	15.09		
10	16QAM	1	49	14.85	14.85	14.69	16	1
10	16QAM	25	0	14.21	13.96	13.96		
10	16QAM	25	12	14.15	13.95	14.04		
10	16QAM	25	25	14.03	14.05	13.97	15	2
10	16QAM	50	0	14.15	14.03	13.95		
10	64QAM	1	0	13.69	13.60	13.44		
10	64QAM	1	25	13.73	13.73	13.73	15	2
10	64QAM	1	49	13.53	13.57	13.54		
10	64QAM	25	0	13.20	12.99	12.86		
10	64QAM	25	12	13.20	13.03	13.05	14	3
10	64QAM	25	25	13.10	12.99	13.09		
10	64QAM	50	0	13.21	13.13	13.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.50	15.22	15.26	17	0
5	QPSK	1	12	15.64	15.72	15.64		
5	QPSK	1	24	15.34	15.30	15.21		
5	QPSK	12	0	15.09	15.12	14.99	16	1
5	QPSK	12	7	15.01	15.04	14.97		
5	QPSK	12	13	14.97	14.98	15.00		
5	QPSK	25	0	15.04	15.03	14.95	16	1
5	16QAM	1	0	14.86	14.80	14.75		
5	16QAM	1	12	15.11	15.09	15.00		
5	16QAM	1	24	14.86	14.84	14.66	16	1
5	16QAM	12	0	14.19	13.93	13.92		
5	16QAM	12	7	14.13	14.00	14.05		
5	16QAM	12	13	14.12	14.01	14.07	15	2
5	16QAM	25	0	14.20	14.02	13.95		
5	64QAM	1	0	13.68	13.60	13.52		
5	64QAM	1	12	13.72	13.64	13.77	15	2
5	64QAM	1	24	13.62	13.62	13.49		
5	64QAM	12	0	13.18	13.05	12.89		
5	64QAM	12	7	13.19	13.04	13.06	14	3
5	64QAM	12	13	13.16	13.05	13.05		
5	64QAM	25	0	13.21	13.04	13.10		

Band 41_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				40140	40400	40670	41140	17	0	
Frequency (MHz)				2545	2571	2598	2645			
20	QPSK	1	0	15.63	15.66	15.69	15.60			
20	QPSK	1	49	15.92	15.90	15.93	15.89			
20	QPSK	1	99	15.45	15.56	15.64	15.52			
20	QPSK	50	0	14.84	14.83	14.94	14.93	16	1	
20	QPSK	50	24	14.83	14.77	14.83	14.89			
20	QPSK	50	50	14.83	14.82	14.80	14.91			
20	QPSK	100	0	14.82	14.87	14.89	14.85			
20	16QAM	1	0	14.81	14.82	14.86	14.86			
20	16QAM	1	49	14.96	14.91	15.03	14.91	16	1	
20	16QAM	1	99	14.75	14.79	14.86	14.80			
20	16QAM	50	0	14.79	14.76	14.84	14.81			
20	16QAM	50	24	14.85	14.83	14.93	14.88	15	2	
20	16QAM	50	50	14.76	14.85	14.90	14.90			
20	16QAM	100	0	14.86	14.87	14.92	14.83			
20	64QAM	1	0	14.51	14.54	14.59	14.53			
20	64QAM	1	49	14.67	14.65	14.80	14.76			
20	64QAM	1	99	14.56	14.57	14.54	14.54	15	2	
20	64QAM	50	0	13.82	13.77	13.88	13.89			
20	64QAM	50	24	13.93	13.93	14.07	13.97			
20	64QAM	50	50	13.76	13.84	13.88	13.75			
20	64QAM	100	0	13.87	13.88	13.91	13.88			
Channel				40115	40395	40685	41165	17	0	
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5			
15	QPSK	1	0	15.63	15.66	15.69	15.60			
15	QPSK	1	37	15.82	15.90	15.93	15.89			
15	QPSK	1	74	15.45	15.56	15.64	15.52			
15	QPSK	36	0	14.84	14.83	14.94	14.93	16	1	
15	QPSK	36	20	14.83	14.77	14.83	14.89			
15	QPSK	36	39	14.83	14.82	14.80	14.91			
15	QPSK	75	0	14.82	14.87	14.89	14.85			
15	16QAM	1	0	14.81	14.82	14.86	14.86			
15	16QAM	1	37	14.96	14.91	15.03	14.91	16	1	
15	16QAM	1	74	14.75	14.79	14.86	14.80			
15	16QAM	36	0	14.79	14.76	14.84	14.81			
15	16QAM	36	20	14.85	14.83	14.93	14.88	15	2	
15	16QAM	36	39	14.76	14.85	14.90	14.90			
15	16QAM	75	0	14.86	14.87	14.92	14.83			
15	64QAM	1	0	14.51	14.54	14.59	14.53			
15	64QAM	1	37	14.67	14.65	14.80	14.76			
15	64QAM	1	74	14.56	14.57	14.54	14.54	15	2	
15	64QAM	36	0	13.82	13.77	13.88	13.89			
15	64QAM	36	20	13.93	13.93	14.07	13.97			
15	64QAM	36	39	13.76	13.84	13.88	13.75			
15	64QAM	75	0	13.87	13.88	13.91	13.88			
Channel				40090	40390	40690	41190	17	0	
Frequency (MHz)				2540	2570	2600	2650			
10	QPSK	1	0	15.63	15.66	15.69	15.60			
10	QPSK	1	25	15.82	15.90	15.93	15.89			
10	QPSK	1	49	15.45	15.56	15.64	15.52			
10	QPSK	25	0	14.84	14.83	14.94	14.93	16	1	
10	QPSK	25	12	14.83	14.77	14.83	14.89			
10	QPSK	25	25	14.83	14.82	14.80	14.91			
10	QPSK	50	0	14.82	14.87	14.89	14.85			
10	16QAM	1	0	14.81	14.82	14.86	14.86			
10	16QAM	1	25	14.96	14.91	15.03	14.91	16	1	
10	16QAM	1	49	14.75	14.79	14.86	14.80			
10	16QAM	25	0	14.79	14.76	14.84	14.81			
10	16QAM	25	12	14.85	14.83	14.93	14.88	15	2	
10	16QAM	25	25	14.76	14.85	14.90	14.90			
10	16QAM	50	0	14.86	14.87	14.92	14.83			
10	64QAM	1	0	14.51	14.54	14.59	14.53			
10	64QAM	1	25	14.67	14.65	14.80	14.76			
10	64QAM	1	49	14.56	14.57	14.54	14.54	15	2	
10	64QAM	25	0	13.82	13.77	13.88	13.89			
10	64QAM	25	12	13.93	13.93	14.07	13.97			
10	64QAM	25	25	13.76	13.84	13.88	13.75			
10	64QAM	50	0	13.87	13.88	13.91	13.88			
Channel				40065	40385	40705	41215	17	0	
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5			
5	QPSK	1	0	15.63	15.66	15.69	15.60			
5	QPSK	1	12	15.82	15.90	15.93	15.89			
5	QPSK	1	24	15.45	15.56	15.64	15.52			
5	QPSK	12	0	14.84	14.83	14.94	14.93	16	1	
5	QPSK	12	7	14.83	14.77	14.83	14.89			
5	QPSK	12	13	14.83	14.82	14.80	14.91			
5	QPSK	25	0	14.82	14.87	14.89	14.85			
5	16QAM	1	0	14.81	14.82	14.86	14.86			
5	16QAM	1	12	14.96	14.91	15.03	14.91	16	1	
5	16QAM	1	24	14.75	14.79	14.86	14.80			
5	16QAM	12	0	14.79	14.76	14.84	14.81			
5	16QAM	12	7	14.85	14.83	14.93	14.88	15	2	
5	16QAM	12	13	14.76	14.85	14.90	14.90			
5	16QAM	25	0	14.86	14.87	14.92	14.83			
5	64QAM	1	0	14.51	14.54	14.59	14.53			
5	64QAM	1	12	14.67	14.65	14.80	14.76			
5	64QAM	1	24	14.56	14.57	14.54	14.54	15	2	
5	64QAM	12	0	13.82	13.77	13.88	13.89			
5	64QAM	12	7	13.93	13.93	14.07	13.97			
5	64QAM	12	13	13.76	13.84	13.88	13.75			
5	64QAM	25	0	13.87	13.88	13.91	13.88			

Reduced Power Mode for Receiver off

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	32.07	32.20	32.09	33.50	23.07	23.20	23.09	24.50
GPRS 1 Tx slot	32.18	32.30	32.16	33.50	23.18	23.30	23.16	24.50
GPRS 2 Tx slots	30.33	30.35	30.32	31.50	24.33	24.35	24.32	25.50
GPRS 3 Tx slots	28.27	28.32	28.17	29.50	24.01	24.06	23.91	25.24
GPRS 4 Tx slots	26.23	26.37	26.34	27.50	23.23	23.37	23.34	24.50
EDGE 1 Tx slot	26.14	26.21	26.18	27.50	17.14	17.21	17.18	18.50
EDGE 2 Tx slots	24.13	24.22	24.18	25.50	18.13	18.22	18.18	19.50
EDGE 3 Tx slots	21.85	21.92	21.78	23.50	17.59	17.66	17.52	19.24
EDGE 4 Tx slots	19.57	19.68	19.67	21.00	16.57	16.68	16.67	18.00

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		825.4	832.4	840.6	
3GPP Rel 99	AMR 12.2Kbps	23.40	23.40	23.38	24.00
3GPP Rel 99	RMC 12.2Kbps	23.44	23.48	23.42	24.00
3GPP Rel 6	HSDPA Subtest-1	22.68	22.54	22.60	23.00
3GPP Rel 6	HSDPA Subtest-2	22.62	22.45	22.34	23.00
3GPP Rel 6	HSDPA Subtest-3	22.09	22.01	21.93	22.50
3GPP Rel 6	HSDPA Subtest-4	22.04	22.00	21.94	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.60	22.47	22.56	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.49	22.35	22.24	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.07	21.86	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.97	21.87	21.89	22.50
3GPP Rel 6	HSUPA Subtest-1	20.65	20.54	20.56	21.50
3GPP Rel 6	HSUPA Subtest-2	20.55	20.46	20.54	21.50
3GPP Rel 6	HSUPA Subtest-3	21.64	21.52	21.54	22.50
3GPP Rel 6	HSUPA Subtest-4	20.18	20.00	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	21.50	21.50	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.16	19.87	20.04	21.00

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	24	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.34	23.35	23.35	23	1
10	QPSK	1	25	23.43	23.44	23.43		
10	QPSK	1	49	23.34	23.29	23.29	23	1
10	QPSK	25	0	22.49	22.53	22.45		
10	QPSK	25	12	22.45	22.44	22.42	23	1
10	QPSK	25	25	22.48	22.45	22.34		
10	QPSK	50	0	22.48	22.50	22.45	23	1
10	16QAM	1	0	22.50	22.63	22.58		
10	16QAM	1	25	22.88	22.67	22.67	22	2
10	16QAM	1	49	22.59	22.55	22.57		
10	16QAM	25	0	21.46	21.39	21.46	22	2
10	16QAM	25	12	21.43	21.42	21.45		
10	16QAM	25	25	21.45	21.43	21.34	22	2
10	16QAM	50	0	21.47	21.41	21.44		
10	64QAM	1	0	21.43	21.53	21.47	21	3
10	64QAM	1	25	21.62	21.56	21.59		
10	64QAM	1	49	21.56	21.48	21.46	21	3
10	64QAM	25	0	20.55	20.43	20.51		
10	64QAM	25	12	20.49	20.50	20.49	21	3
10	64QAM	25	25	20.55	20.51	20.34		
10	64QAM	50	0	20.55	20.49	20.47	24	0
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5	24	0
5	QPSK	1	0	23.22	23.33	23.31		
5	QPSK	1	12	23.33	23.38	23.34	23	1
5	QPSK	1	24	23.21	23.14	23.17		
5	QPSK	12	0	22.46	22.42	22.39	23	1
5	QPSK	12	7	22.31	22.38	22.39		
5	QPSK	12	13	22.35	22.39	22.30	23	1
5	QPSK	25	0	22.43	22.44	22.42		
5	16QAM	1	0	22.45	22.61	22.51	22	2
5	16QAM	1	12	22.60	22.52	22.66		
5	16QAM	1	24	22.55	22.47	22.46	22	2
5	16QAM	12	0	21.36	21.34	21.35		
5	16QAM	12	7	21.34	21.36	21.33	22	2
5	16QAM	12	13	21.32	21.39	21.30		
5	16QAM	25	0	21.32	21.40	21.43	22	2
5	64QAM	1	0	21.39	21.50	21.43		
5	64QAM	1	12	21.58	21.43	21.57	21	3
5	64QAM	1	24	21.46	21.43	21.31		
5	64QAM	12	0	20.41	20.35	20.39	21	3
5	64QAM	12	7	20.37	20.42	20.45		
5	64QAM	12	13	20.45	20.42	20.20	21	3
5	64QAM	25	0	20.50	20.35	20.34		
Channel				20415	20525	20635	24	0
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.20	23.30	23.37	23	1
3	QPSK	1	8	23.42	23.41	23.37		
3	QPSK	1	14	23.21	23.27	23.19	23	1
3	QPSK	8	0	22.45	22.43	22.35		
3	QPSK	8	4	22.34	22.34	22.37	23	1
3	QPSK	8	7	22.37	22.44	22.24		
3	QPSK	15	0	22.42	22.49	22.41	23	1
3	16QAM	1	0	22.48	22.57	22.48		
3	16QAM	1	8	22.57	22.57	22.56	22	2
3	16QAM	1	14	22.56	22.53	22.44		
3	16QAM	8	0	21.33	21.37	21.36	22	2
3	16QAM	8	4	21.41	21.28	21.36		
3	16QAM	8	7	21.43	21.36	21.20	22	2
3	16QAM	15	0	21.37	21.34	21.31		
3	64QAM	1	0	21.35	21.40	21.43	22	2
3	64QAM	1	8	21.53	21.47	21.51		
3	64QAM	1	14	21.48	21.37	21.43	21	3
3	64QAM	8	0	20.42	20.38	20.46		
3	64QAM	8	4	20.44	20.46	20.41	21	3
3	64QAM	8	7	20.45	20.49	20.28		
3	64QAM	15	0	20.49	20.45	20.37	24	0
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	24	0
1.4	QPSK	1	0	23.23	23.24	23.22		
1.4	QPSK	1	3	23.42	23.39	23.28	23	1
1.4	QPSK	1	5	23.30	23.22	23.21		
1.4	QPSK	3	0	23.40	23.27	23.25	23	1
1.4	QPSK	3	1	23.30	23.38	23.18		
1.4	QPSK	3	3	23.41	23.36	23.24	23	1
1.4	QPSK	6	0	22.47	22.39	22.36		
1.4	16QAM	1	0	22.35	22.51	22.52	23	1
1.4	16QAM	1	3	22.84	22.52	22.45		
1.4	16QAM	1	5	22.50	22.45	22.52	22	2
1.4	16QAM	3	0	22.51	22.46	22.54		
1.4	16QAM	3	1	22.49	22.39	22.41	22	2
1.4	16QAM	3	3	22.53	22.51	22.41		
1.4	16QAM	6	0	21.45	21.31	21.38	22	2
1.4	64QAM	1	0	21.35	21.51	21.40		
1.4	64QAM	1	3	21.53	21.44	21.47	22	2
1.4	64QAM	1	5	21.44	21.35	21.43		
1.4	64QAM	3	0	21.30	21.39	21.35	21	3
1.4	64QAM	3	1	21.52	21.39	21.45		
1.4	64QAM	3	3	21.36	21.32	21.33	21	3
1.4	64QAM	6	0	20.46	20.38	20.45		

Band 5_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600	22	0
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.91	20.87	20.85	21	1
10	QPSK	1	25	20.97	21.01	21.00		
10	QPSK	1	49	20.87	20.89	20.81	21	1
10	QPSK	25	0	20.07	20.12	20.08		
10	QPSK	25	12	20.02	20.02	19.95	21	1
10	QPSK	25	25	19.97	19.95	19.94		
10	QPSK	50	0	20.01	20.07	20.00	21	1
10	16QAM	1	0	20.02	20.14	20.06		
10	16QAM	1	25	20.18	20.17	20.20	20	2
10	16QAM	1	49	20.09	20.12	20.14		
10	16QAM	25	0	18.96	18.84	18.11	20	2
10	16QAM	25	12	19.00	18.99	18.95		
10	16QAM	25	25	19.01	18.96	18.88	20	2
10	16QAM	50	0	19.05	18.93	19.01		
10	64QAM	1	0	19.02	19.01	19.00	20	2
10	64QAM	1	25	19.17	19.15	19.17		
10	64QAM	1	49	19.10	18.97	18.94	19	3
10	64QAM	25	0	18.09	17.95	18.13		
10	64QAM	25	12	18.00	18.08	18.03	19	3
10	64QAM	25	25	18.12	18.09	17.97		
10	64QAM	50	0	18.06	18.03	18.05	24	0
Channel				20425	20525	20625		
Frequency (MHz)				826.5	836.5	846.5	22	0
5	QPSK	1	0	20.85	20.81	20.80		
5	QPSK	1	12	20.86	20.87	20.86	21	1
5	QPSK	1	24	20.78	20.80	20.67		
5	QPSK	12	0	19.97	20.00	19.97	21	1
5	QPSK	12	7	19.87	19.90	19.85		
5	QPSK	12	13	19.85	19.87	19.84	21	1
5	QPSK	25	0	19.86	20.00	19.85		
5	16QAM	1	0	19.95	20.03	19.99	20	2
5	16QAM	1	12	20.08	20.11	20.07		
5	16QAM	1	24	20.00	20.04	20.07	20	2
5	16QAM	12	0	18.89	18.69	19.02		
5	16QAM	12	7	18.89	18.87	18.84	20	2
5	16QAM	12	13	18.88	18.87	18.82		
5	16QAM	25	0	18.95	18.79	18.87	20	2
5	64QAM	1	0	18.94	18.95	18.93		
5	64QAM	1	12	19.10	19.10	19.05	19	3
5	64QAM	1	24	19.02	18.86	18.86		
5	64QAM	12	0	17.95	17.88	18.03	19	3
5	64QAM	12	7	17.93	18.00	17.91		
5	64QAM	12	13	18.05	17.96	17.88	24	0
5	64QAM	25	0	17.98	17.95	17.94		
Channel				20415	20525	20635	22	0
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.80	20.77	20.78	21	1
3	QPSK	1	8	20.88	20.93	20.91		
3	QPSK	1	14	20.75	20.76	20.67	21	1
3	QPSK	8	0	19.94	20.01	20.00		
3	QPSK	8	4	19.92	19.97	19.81	21	1
3	QPSK	8	7	19.84	19.89	19.84		
3	QPSK	15	0	19.94	19.92	19.94	21	1
3	16QAM	1	0	19.90	20.06	19.91		
3	16QAM	1	8	20.10	20.08	20.09	20	2
3	16QAM	1	14	20.00	20.04	20.06		
3	16QAM	8	0	18.67	18.69	18.96	20	2
3	16QAM	8	4	18.95	18.84	18.88		
3	16QAM	8	7	18.90	18.89	18.78	20	2
3	16QAM	15	0	18.99	18.88	18.93		
3	64QAM	1	0	18.88	18.93	18.95	20	2
3	64QAM	1	8	19.05	19.04	19.06		
3	64QAM	1	14	18.98	18.87	18.79	19	3
3	64QAM	8	0	17.98	17.80	17.98		
3	64QAM	8	4	17.86	17.95	17.94	19	3
3	64QAM	8	7	18.07	17.96	17.88		
3	64QAM	15	0	17.95	17.90	17.95	24	0
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	22	0
1.4	QPSK	1	0	20.82	20.73	20.80		
1.4	QPSK	1	3	20.92	20.95	20.94	21	1
1.4	QPSK	1	5	20.80	20.76	20.73		
1.4	QPSK	3	0	20.73	20.65	20.79	21	1
1.4	QPSK	3	1	20.91	20.82	20.87		
1.4	QPSK	3	3	20.73	20.66	20.68	21	1
1.4	QPSK	6	0	19.94	19.92	19.95		
1.4	16QAM	1	0	19.97	20.06	19.84	21	1
1.4	16QAM	1	3	20.07	20.07	20.06		
1.4	16QAM	1	5	19.96	19.98	20.09	20	2
1.4	16QAM	3	0	19.93	19.97	19.80		
1.4	16QAM	3	1	19.97	19.94	19.98	20	2
1.4	16QAM	3	3	19.89	19.84	20.00		
1.4	16QAM	6	0	19.00	18.83	18.89	20	2
1.4	16QAM	6	0	18.94	18.94	18.86		
1.4	64QAM	1	3	19.02	19.06	19.04	20	2
1.4	64QAM	1	5	19.03	18.82	18.80		
1.4	64QAM	3	0	18.88	18.90	18.79	19	3
1.4	64QAM	3	1	18.93	19.06	18.96		
1.4	64QAM	3	3	18.99	18.76	18.74	19	3
1.4	64QAM	6	0	17.94	17.93	17.98		

Band 7_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	14.83	14.83	14.77	16.5	0	
20	QPSK	1	49	15.22	15.28	15.17			
20	QPSK	1	99	14.75	14.87	14.84			
20	QPSK	50	0	14.62	14.72	14.63	15.5	1	
20	QPSK	50	24	14.58	14.64	14.57			
20	QPSK	50	50	14.56	14.62	14.60			
20	QPSK	100	0	14.56	14.65	14.61	15.5	1	
20	16QAM	1	0	14.42	14.46	14.37			
20	16QAM	1	49	14.75	14.80	14.77			
20	16QAM	1	99	14.39	14.58	14.46	14.5	2	
20	16QAM	50	0	13.50	13.61	13.58			
20	16QAM	50	24	13.52	13.70	13.61			
20	16QAM	50	50	13.56	13.69	13.62	14.5	2	
20	16QAM	100	0	13.57	13.62	13.64			
20	64QAM	1	0	13.38	13.44	13.41			
20	64QAM	1	49	13.71	13.77	13.74	14.5	2	
20	64QAM	1	99	13.33	13.50	13.42			
20	64QAM	50	0	12.49	12.59	12.62	13.5	3	
20	64QAM	50	24	12.49	12.63	12.64			
20	64QAM	50	50	12.54	12.70	12.58			
20	64QAM	100	0	12.52	12.68	12.61			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	14.76	14.77	14.63	16.5	0	
15	QPSK	1	37	15.16	15.21	15.02			
15	QPSK	1	74	14.70	14.77	14.69			
15	QPSK	36	0	14.53	14.62	14.48	15.5	1	
15	QPSK	36	20	14.49	14.57	14.44			
15	QPSK	36	39	14.41	14.47	14.55			
15	QPSK	75	0	14.48	14.52	14.54	15.5	1	
15	16QAM	1	0	14.27	14.36	14.26			
15	16QAM	1	37	14.60	14.66	14.66			
15	16QAM	1	74	14.30	14.51	14.40	14.5	2	
15	16QAM	36	0	13.37	13.53	13.53			
15	16QAM	36	20	13.39	13.65	13.53			
15	16QAM	36	39	13.51	13.54	13.56	14.5	2	
15	16QAM	75	0	13.43	13.53	13.51			
15	64QAM	1	0	13.28	13.32	13.34			
15	64QAM	1	37	13.65	13.63	13.64	14.5	2	
15	64QAM	1	74	13.21	13.44	13.37			
15	64QAM	36	0	12.39	12.48	12.54			
15	64QAM	36	20	12.38	12.53	12.52	13.5	3	
15	64QAM	36	39	12.42	12.58	12.48			
15	64QAM	75	0	12.41	12.60	12.51			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506	2535	2565			
10	QPSK	1	0	14.73	14.74	14.63	16.5	0	
10	QPSK	1	25	15.10	15.19	15.10			
10	QPSK	1	49	14.66	14.78	14.69			
10	QPSK	25	0	14.51	14.65	14.58	15.5	1	
10	QPSK	25	12	14.46	14.56	14.50			
10	QPSK	25	25	14.42	14.55	14.49			
10	QPSK	50	0	14.44	14.56	14.55	15.5	1	
10	16QAM	1	0	14.37	14.39	14.25			
10	16QAM	1	25	14.61	14.69	14.67			
10	16QAM	1	49	14.33	14.52	14.31	14.5	2	
10	16QAM	25	0	13.41	13.51	13.45			
10	16QAM	25	12	13.46	13.58	13.54			
10	16QAM	25	25	13.46	13.62	13.49	14.5	2	
10	16QAM	50	0	13.52	13.47	13.59			
10	64QAM	1	0	13.32	13.30	13.26			
10	64QAM	1	25	13.60	13.63	13.67	14.5	2	
10	64QAM	1	49	13.28	13.45	13.34			
10	64QAM	25	0	12.44	12.53	12.57			
10	64QAM	25	12	12.34	12.50	12.56	13.5	3	
10	64QAM	25	25	12.46	12.64	12.52			
10	64QAM	50	0	12.40	12.63	12.50			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	14.74	14.71	14.69	16.5	0	
5	QPSK	1	12	15.13	15.14	15.09			
5	QPSK	1	24	14.65	14.82	14.70			
5	QPSK	12	0	14.55	14.67	14.57	15.5	1	
5	QPSK	12	7	14.46	14.58	14.45			
5	QPSK	12	13	14.42	14.55	14.47			
5	QPSK	25	0	14.45	14.52	14.51	15.5	1	
5	16QAM	1	0	14.34	14.38	14.25			
5	16QAM	1	12	14.60	14.75	14.68			
5	16QAM	1	24	14.31	14.47	14.39	14.5	2	
5	16QAM	12	0	13.35	13.54	13.51			
5	16QAM	12	7	13.40	13.65	13.50			
5	16QAM	12	13	13.45	13.55	13.48	14.5	2	
5	16QAM	25	0	13.45	13.51	13.52			
5	64QAM	1	0	13.30	13.35	13.29			
5	64QAM	1	12	13.63	13.63	13.62	14.5	2	
5	64QAM	1	24	13.26	13.37	13.28			
5	64QAM	12	0	12.41	12.54	12.49			
5	64QAM	12	7	12.43	12.55	12.51	13.5	3	
5	64QAM	12	13	12.49	12.57	12.45			
5	64QAM	25	0	12.46	12.62	12.52			

Band 38_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	13.95	13.83	13.89	15	0		
20	QPSK	1	49	14.31	14.34	14.29				
20	QPSK	1	99	13.94	13.97	14.02				
20	QPSK	50	0	13.00	13.63	13.80	14	1		
20	QPSK	50	24	13.49	13.54	13.58				
20	QPSK	50	50	13.58	13.54	13.51				
20	QPSK	100	0	13.48	13.61	13.57	14	1		
20	16QAM	1	0	13.41	13.37	13.35				
20	16QAM	1	49	13.48	13.52	13.50				
20	16QAM	1	99	13.41	13.42	13.46	13	2		
20	16QAM	50	0	12.64	12.54	12.50				
20	16QAM	50	24	12.63	12.57	12.59				
20	16QAM	50	50	12.64	12.71	12.64	12	3		
20	16QAM	100	0	12.71	12.60	12.68				
20	64QAM	1	0	12.23	12.15	12.10				
20	64QAM	1	49	12.38	12.30	12.36	13	2		
20	64QAM	1	99	12.20	12.20	12.23				
20	64QAM	50	0	11.68	11.58	11.54				
20	64QAM	50	24	11.68	11.62	11.68	12	3		
20	64QAM	50	50	11.68	11.62	11.69				
20	64QAM	100	0	11.67	11.70	11.64				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	13.85	13.75	13.77	15	0		
15	QPSK	1	37	14.26	14.29	14.20				
15	QPSK	1	74	13.83	13.84	13.92				
15	QPSK	36	0	13.52	13.49	13.45	14	1		
15	QPSK	36	20	13.37	13.47	13.53				
15	QPSK	36	39	13.51	13.46	13.43				
15	QPSK	75	0	13.39	13.46	13.51	14	1		
15	16QAM	1	0	13.27	13.26	13.24				
15	16QAM	1	37	13.40	13.42	13.45				
15	16QAM	1	74	13.31	13.33	13.38	13	2		
15	16QAM	36	0	12.54	12.49	12.39				
15	16QAM	36	20	12.48	12.46	12.49				
15	16QAM	36	39	12.49	12.57	12.50	12	3		
15	16QAM	75	0	12.57	12.46	12.54				
15	64QAM	1	0	12.14	12.08	11.95				
15	64QAM	1	37	12.31	12.16	12.26	13	2		
15	64QAM	1	74	12.11	12.13	12.10				
15	64QAM	36	0	11.55	11.47	11.45				
15	64QAM	36	20	11.53	11.49	11.62	12	3		
15	64QAM	36	39	11.61	11.54	11.55				
15	64QAM	75	0	11.61	11.62	11.52				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2617.5				
10	QPSK	1	0	13.84	13.88	13.75	15	0		
10	QPSK	1	25	14.26	14.27	14.17				
10	QPSK	1	49	13.79	13.86	13.96				
10	QPSK	25	0	13.50	13.54	13.55	14	1		
10	QPSK	25	12	13.34	13.40	13.44				
10	QPSK	25	25	13.52	13.44	13.42				
10	QPSK	50	0	13.42	13.48	13.49	14	1		
10	16QAM	1	0	13.27	13.29	13.24				
10	16QAM	1	25	13.35	13.42	13.39				
10	16QAM	1	49	13.35	13.29	13.35	13	2		
10	16QAM	25	0	12.58	12.41	12.38				
10	16QAM	25	12	12.57	12.46	12.50				
10	16QAM	25	25	12.54	12.57	12.59	13	2		
10	16QAM	50	0	12.66	12.47	12.54				
10	64QAM	1	0	12.08	12.10	11.96				
10	64QAM	1	25	12.30	12.20	12.28	13	2		
10	64QAM	1	49	12.05	12.14	12.11				
10	64QAM	25	0	11.59	11.45	11.48				
10	64QAM	25	12	11.63	11.52	11.59	12	3		
10	64QAM	25	25	11.60	11.47	11.64				
10	64QAM	50	0	11.60	11.65	11.54				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	13.85	13.77	13.81	15	0		
5	QPSK	1	12	14.23	14.29	14.17				
5	QPSK	1	24	13.88	13.82	13.89				
5	QPSK	12	0	13.48	13.51	13.48	14	1		
5	QPSK	12	7	13.38	13.46	13.53				
5	QPSK	12	13	13.46	13.45	13.43				
5	QPSK	25	0	13.35	13.55	13.50	14	1		
5	16QAM	1	0	13.26	13.22	13.22				
5	16QAM	1	12	13.37	13.46	13.41				
5	16QAM	1	24	13.29	13.36	13.35	13	2		
5	16QAM	12	0	12.57	12.42	12.38				
5	16QAM	12	7	12.54	12.46	12.51				
5	16QAM	12	13	12.54	12.64	12.52	13	2		
5	16QAM	25	0	12.64	12.55	12.59				
5	64QAM	1	0	12.14	12.01	12.02				
5	64QAM	1	12	12.32	12.25	12.22	13	2		
5	64QAM	1	24	12.14	12.15	12.08				
5	64QAM	12	0	11.53	11.46	11.46				
5	64QAM	12	7	11.61	11.48	11.59	12	3		
5	64QAM	12	13	11.53	11.55	11.54				
5	64QAM	25	0	11.58	11.58	11.58				

Band 38_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	15.98	15.77	15.78	17.5	0		
20	QPSK	1	49	16.17	16.20	16.18				
20	QPSK	1	99	15.89	15.80	15.73				
20	QPSK	50	0	15.57	15.63	15.49	16.5	1		
20	QPSK	50	24	15.52	15.52	15.46				
20	QPSK	50	50	15.52	15.52	15.49				
20	QPSK	100	0	15.50	15.55	15.49	16.5	1		
20	16QAM	1	0	15.39	15.27	15.22				
20	16QAM	1	49	15.59	15.56	15.49				
20	16QAM	1	99	15.34	15.32	15.21	15.5	2		
20	16QAM	50	0	14.67	14.47	14.47				
20	16QAM	50	24	14.63	14.48	14.51				
20	16QAM	50	50	14.58	14.56	14.52	14.5	3		
20	16QAM	100	0	14.65	14.49	14.50				
20	64QAM	1	0	14.18	14.07	13.98				
20	64QAM	1	49	14.21	14.19	14.26	15.5	2		
20	64QAM	1	99	14.08	14.10	14.02				
20	64QAM	50	0	13.67	13.59	13.40				
20	64QAM	50	24	13.74	13.49	13.53	14.5	3		
20	64QAM	50	50	13.61	13.50	13.58				
20	64QAM	100	0	13.72	13.59	13.55				
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	15.93	15.63	15.73	17.5	0		
15	QPSK	1	37	16.11	16.07	16.07				
15	QPSK	1	74	15.79	15.68	15.63				
15	QPSK	36	0	15.52	15.55	15.38	16.5	1		
15	QPSK	36	20	15.41	15.42	15.31				
15	QPSK	36	39	15.39	15.47	15.34				
15	QPSK	75	0	15.36	15.44	15.37	16.5	1		
15	16QAM	1	0	15.29	15.22	15.10				
15	16QAM	1	37	15.45	15.49	15.36				
15	16QAM	1	74	15.22	15.23	15.08	15.5	2		
15	16QAM	36	0	14.52	14.42	14.39				
15	16QAM	36	20	14.48	14.33	14.45				
15	16QAM	36	39	14.45	14.48	14.47	14.5	3		
15	16QAM	36	74	14.30	14.33	14.44				
15	64QAM	1	0	14.08	14.00	13.92				
15	64QAM	1	37	14.13	14.08	14.12	15.5	2		
15	64QAM	1	74	13.97	14.03	13.91				
15	64QAM	36	0	13.53	13.42	13.25				
15	64QAM	36	20	13.69	13.41	13.48	14.5	3		
15	64QAM	36	39	13.53	13.43	13.47				
15	64QAM	75	0	13.62	13.45	13.41				
Channel				37800	38000	38200				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	15.88	15.70	15.72	17.5	0		
10	QPSK	1	25	16.11	16.09	16.11				
10	QPSK	1	49	15.79	15.66	15.61				
10	QPSK	25	0	15.48	15.55	15.41	16.5	1		
10	QPSK	25	12	15.42	15.36	15.31				
10	QPSK	25	25	15.37	15.44	15.36				
10	QPSK	50	0	15.40	15.40	15.34	16.5	1		
10	16QAM	1	0	15.27	15.17	15.16				
10	16QAM	1	25	15.45	15.44	15.40				
10	16QAM	1	49	15.25	15.25	15.09	15.5	2		
10	16QAM	25	0	14.61	14.35	14.36				
10	16QAM	25	12	14.45	14.35	14.44				
10	16QAM	25	25	14.43	14.45	14.37	15.5	2		
10	16QAM	50	0	14.55	14.43	14.35				
10	64QAM	1	0	14.09	14.00	13.84				
10	64QAM	1	25	14.13	14.13	14.13	15.5	2		
10	64QAM	1	49	13.93	13.97	13.94				
10	64QAM	25	0	13.60	13.39	13.26				
10	64QAM	25	12	13.60	13.43	13.45	14.5	3		
10	64QAM	25	25	13.50	13.39	13.49				
10	64QAM	50	0	13.61	13.53	13.45				
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	15.90	15.62	15.66	17.5	0		
5	QPSK	1	12	16.04	16.12	16.04				
5	QPSK	1	24	15.74	15.70	15.61				
5	QPSK	12	0	15.42	15.42	15.32	16.5	1		
5	QPSK	12	7	15.41	15.44	15.37				
5	QPSK	12	13	15.37	15.38	15.40				
5	QPSK	25	0	15.44	15.43	15.35	16.5	1		
5	16QAM	1	0	15.26	15.20	15.15				
5	16QAM	1	12	15.51	15.49	15.45				
5	16QAM	1	24	15.26	15.24	15.06	15.5	2		
5	16QAM	12	0	14.59	14.33	14.32				
5	16QAM	12	7	14.53	14.40	14.45				
5	16QAM	12	13	14.52	14.41	14.47	15.5	2		
5	16QAM	25	0	14.60	14.42	14.35				
5	64QAM	1	0	14.05	13.96	13.92				
5	64QAM	1	12	14.12	14.04	13.97	15.5	2		
5	64QAM	1	24	14.02	14.02	13.89				
5	64QAM	12	0	13.66	13.45	13.29				
5	64QAM	12	7	13.59	13.44	13.46	14.5	3		
5	64QAM	12	13	13.56	13.45	13.45				
5	64QAM	25	0	13.61	13.44	13.50				

Band 41_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				40140	40400	40670	41140	17.5	0	
Frequency (MHz)				2545	2571	2598	2645			
20	QPSK	1	0	16.13	16.16	16.19	16.10			
20	QPSK	1	49	16.32	16.40	16.43	16.30			
20	QPSK	1	99	15.95	16.06	16.14	16.02	16.5	1	
20	QPSK	50	0	15.34	15.33	15.44	15.43			
20	QPSK	50	24	15.33	15.27	15.33	15.39			
20	QPSK	50	50	15.33	15.32	15.30	15.41			
20	QPSK	100	0	15.32	15.37	15.39	15.35	16.5	1	
20	16QAM	1	0	15.31	15.32	15.36	15.36			
20	16QAM	1	49	15.46	15.41	15.53	15.41			
20	16QAM	1	99	15.25	15.29	15.36	15.30			
20	16QAM	50	0	15.29	15.26	15.34	15.31	15.5	2	
20	16QAM	50	24	15.35	15.33	15.43	15.38			
20	16QAM	50	50	15.26	15.35	15.40	15.40			
20	16QAM	100	0	15.36	15.37	15.42	15.33			
20	64QAM	1	0	15.01	15.04	15.09	15.03	15.5	2	
20	64QAM	1	49	15.17	15.15	15.30	15.26			
20	64QAM	1	99	15.06	15.07	15.04	15.04			
20	64QAM	50	0	14.32	14.27	14.38	14.30			
20	64QAM	50	24	14.43	14.43	14.57	14.47	14.5	3	
20	64QAM	50	50	14.26	14.34	14.38	14.25			
20	64QAM	100	0	14.37	14.38	14.41	14.38			
Channel				40115	40395	40685	41165	17.5	0	
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5			
15	QPSK	1	0	16.13	16.16	16.19	16.10			
15	QPSK	1	37	16.32	16.40	16.43	16.30			
15	QPSK	1	74	15.95	16.06	16.14	16.02	16.5	1	
15	QPSK	36	0	15.34	15.33	15.44	15.43			
15	QPSK	36	20	15.33	15.27	15.33	15.39			
15	QPSK	36	39	15.33	15.32	15.30	15.41			
15	QPSK	75	0	15.32	15.37	15.39	15.35	16.5	1	
15	16QAM	1	0	15.31	15.32	15.36	15.36			
15	16QAM	1	37	15.46	15.41	15.53	15.41			
15	16QAM	1	74	15.25	15.29	15.36	15.30			
15	16QAM	36	0	15.29	15.26	15.34	15.31	15.5	2	
15	16QAM	36	20	15.35	15.33	15.43	15.38			
15	16QAM	36	39	15.26	15.35	15.40	15.40			
15	16QAM	75	0	15.36	15.37	15.42	15.33			
15	64QAM	1	0	15.01	15.04	15.09	15.03	15.5	2	
15	64QAM	1	37	15.17	15.15	15.30	15.26			
15	64QAM	1	74	15.06	15.07	15.04	15.04			
15	64QAM	36	0	14.32	14.27	14.38	14.30			
15	64QAM	36	20	14.43	14.43	14.57	14.47	14.5	3	
15	64QAM	36	39	14.26	14.34	14.38	14.25			
15	64QAM	75	0	14.37	14.38	14.41	14.38			
Channel				40090	40390	40690	41190	17.5	0	
Frequency (MHz)				2540	2570	2600	2650			
10	QPSK	1	0	16.13	16.16	16.19	16.10			
10	QPSK	1	25	16.32	16.40	16.43	16.30			
10	QPSK	1	49	15.95	16.06	16.14	16.02	16.5	1	
10	QPSK	25	0	15.34	15.33	15.44	15.43			
10	QPSK	25	12	15.33	15.27	15.33	15.39			
10	QPSK	25	25	15.33	15.32	15.30	15.41			
10	QPSK	50	0	15.32	15.37	15.39	15.35	16.5	1	
10	16QAM	1	0	15.31	15.32	15.36	15.36			
10	16QAM	1	25	15.46	15.41	15.53	15.41			
10	16QAM	1	49	15.25	15.29	15.36	15.30			
10	16QAM	25	0	15.29	15.26	15.34	15.31	15.5	2	
10	16QAM	25	12	15.35	15.33	15.43	15.38			
10	16QAM	25	25	15.26	15.35	15.40	15.40			
10	16QAM	50	0	15.36	15.37	15.42	15.33			
10	64QAM	1	0	15.01	15.04	15.09	15.03	15.5	2	
10	64QAM	1	25	15.17	15.15	15.30	15.26			
10	64QAM	1	49	15.06	15.07	15.04	15.04			
10	64QAM	25	0	14.32	14.27	14.38	14.30			
10	64QAM	25	12	14.43	14.43	14.57	14.47	14.5	3	
10	64QAM	25	25	14.26	14.34	14.38	14.25			
10	64QAM	50	0	14.37	14.38	14.41	14.38			
Channel				40065	40385	40705	41215	17.5	0	
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5			
5	QPSK	1	0	16.13	16.16	16.19	16.10			
5	QPSK	1	12	16.32	16.40	16.43	16.30			
5	QPSK	1	24	15.95	16.06	16.14	16.02	16.5	1	
5	QPSK	12	0	15.34	15.33	15.44	15.43			
5	QPSK	12	7	15.33	15.27	15.33	15.39			
5	QPSK	12	13	15.33	15.32	15.30	15.41			
5	QPSK	25	0	15.32	15.37	15.39	15.35	16.5	1	
5	16QAM	1	0	15.31	15.32	15.36	15.36			
5	16QAM	1	12	15.46	15.41	15.53	15.41			
5	16QAM	1	24	15.25	15.29	15.36	15.30			
5	16QAM	12	0	15.29	15.26	15.34	15.31	15.5	2	
5	16QAM	12	7	15.35	15.33	15.43	15.38			
5	16QAM	12	13	15.26	15.35	15.40	15.40			
5	16QAM	25	0	15.36	15.37	15.42	15.33			
5	64QAM	1	0	15.01	15.04	15.09	15.03	15.5	2	
5	64QAM	1	12	15.17	15.15	15.30	15.26			
5	64QAM	1	24	15.06	15.07	15.04	15.04			
5	64QAM	12	0	14.32	14.27	14.38	14.30			
5	64QAM	12	7	14.43	14.43	14.57	14.47	14.5	3	
5	64QAM	12	13	14.26	14.34	14.38	14.25			
5	64QAM	25	0	14.37	14.38	14.41	14.38			

Bluetooth			Ant 5					
Mode	Channel	Frequency (MHz)	Average power (dBm)					
			1Mbps	Tune-up	2Mbps	Tune-up	3Mbps	Tune-up
BR / EDR	CH 00	2402	10.60	11.60	7.90	9.90	7.90	9.90
	CH 39	2441	11.00	11.60	8.10	9.90	8.10	9.90
	CH 78	2480	10.20	11.60	7.80	9.90	7.80	9.90

BLE			Ant 5			
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	125Kbps	500Kbps
LE	CH 00	2402	2.30	2.60	2.40	2.30
	CH 19	2440	3.40	3.30	3.50	3.40
	CH 39	2480	2.20	2.70	2.30	2.20
Tune-up Limit			4	4	4	4

2.4GHz WLAN

2.4GHz WLAN				Full		Receive on Standalone		Receive on Simultaneous		Hotspot on		Receive off Standalone		Receive off Simultaneous		Duty Cycle %
				Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5		
				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	
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.40	16.50	15.40	16.50	14.87	16.00	14.06	15.00	15.40	16.50	12.87	14.00	100.00
		6	2437	15.50	16.50	15.50	16.50	14.96	16.00	13.97	15.00	15.50	16.50	12.95	14.00	
	802.11g 6Mbps	11	2462	15.50	16.50	15.50	16.50	15.06	16.00	14.11	15.00	15.50	16.50	13.05	14.00	100.00
		6	2437	15.50	16.50	15.20	16.50		16.00		15.00	14.80	16.50		14.00	
	802.11n-HT40 MCS0	11	2462	14.70	16.50	14.70	16.50		16.00		15.00	14.70	16.50		14.00	100.00
		1	2412	14.80	16.50	14.80	16.50		16.00		15.00	14.80	16.50		14.00	
	802.11n-HT40 MCS0	6	2437	15.20	16.50	15.20	16.50	Not Required	16.00	Not Required	15.00	15.20	16.50	Not Required	14.00	100.00
		11	2462	14.90	16.50	14.90	16.50		16.00		15.00	14.90	16.50		14.00	
	802.11n-HT40 MCS0	3	2422	15.50	16.50	15.50	16.50		16.00		15.00	15.50	16.50		14.00	100.00
		6	2437	14.90	16.50	14.90	16.50		16.00		15.00	14.90	16.50		14.00	
	802.11n-HT40 MCS0	9	2452	14.50	16.00	14.50	16.00		16.00		15.00	14.50	16.00		14.00	

5.2GHz WLAN

5.2GHz WLAN				Full		Receive on Standalone		Receive on Simultaneous		Hotspot on		Receive off Standalone		Receive off Simultaneous		Duty Cycle %	
				Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5			
5.2GHz WLAN	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		
5.2GHz WLAN	802.11a 6Mbps	36	5180	10.06	12.00	10.06	12.00	10.06	12.00		10.50	10.06	12.00		7.50	100.00	
		40	5200	10.22	12.00	10.22	12.00	10.22	12.00		10.50	10.22	12.00		7.50		
		44	5220	10.41	12.00	10.41	12.00	10.41	12.00		10.50	10.41	12.00		7.50		
		48	5240	10.69	12.00	10.69	12.00	10.69	12.00		10.50	10.69	12.00		7.50		
	802.11n-HT20 MCS0	36	5180	10.30	12.00	10.30	12.00	10.30	12.00		10.50	10.30	12.00		7.50	100.00	
		40	5200	10.53	12.00	10.53	12.00	10.53	12.00		10.50	10.53	12.00		7.50		
		44	5220	10.61	12.00	10.61	12.00	10.61	12.00		10.50	10.61	12.00		7.50		
		48	5240	10.57	12.00	10.57	12.00	10.57	12.00		10.50	10.57	12.00		7.50		
	802.11n-HT40 MCS0	36	5180	10.11	12.00	10.11	12.00	10.11	12.00	Not Required		10.50	10.11	12.00	Not Required	7.50	100.00
		46	5230	10.67	12.00	10.67	12.00	10.67	12.00		10.50	10.67	12.00		7.50		
		36	5180		12.00		12.00		12.00		10.50		12.00		7.50	100.00	
		40	5200		12.00		12.00		12.00		10.50		12.00		7.50		
	802.11ac-VHT20 MCS0	44	5220	Not Required		Not Required		12.00	Not Required		Not Required		12.00	Not Required		7.50	100.00
		48	5240	Not Required		Not Required		12.00	Not Required		Not Required		12.00	Not Required		7.50	
		802.11ac-VHT40 MCS0	38	5190		12.00		12.00		12.00		10.50		12.00		7.50	100.00
			46	5230		12.00		12.00		12.00		10.50		12.00		7.50	
	802.11ac-VHT80 MCS0		42	5210	10.68		10.68	12.00	10.68	12.00	9.09	10.50	10.68	12.00	6.08	7.50	100.00

5.3GHz WLAN

5.3GHz WLAN				Full		Receive on Standalone		Receive on Simultaneous		Receive off Standalone		Receive off Simultaneous		Duty Cycle	
				Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5			
	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		
5.3GHz WLAN	802.11a 6Mbps	52	5260	10.48	12.00	10.48	12.00	10.48	12.00	10.48	12.00		7.50	100.00	
		56	5280	10.34	12.00	10.34	12.00	10.34	12.00	10.34	12.00		7.50		
		60	5300	10.36	12.00	10.36	12.00	10.36	12.00	10.36	12.00		7.50		
		64	5320	10.43	12.00	10.43	12.00	10.43	12.00	10.43	12.00		7.50		
		52	5260	10.51	12.00	10.51	12.00	10.51	12.00	10.51	12.00		7.50		
		56	5280	10.31	12.00	10.31	12.00	10.31	12.00	10.31	12.00		7.50		
	802.11n-HT20 MCS0	60	5300	10.53	12.00	10.53	12.00	10.53	12.00	10.53	12.00		7.50	100.00	
		64	5320	10.24	12.00	10.24	12.00	10.24	12.00	10.24	12.00		7.50		
		54	5270	10.52	12.00	10.52	12.00	10.52	12.00	10.52	12.00	Not Required	7.50		
		62	5310	10.16	12.00	10.16	12.00	10.16	12.00	10.16	12.00		7.50		
		52	5260	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00		7.50		
		56	5280	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00		7.50		
	802.11ac-VHT20 MCS0	60	5300	Not Required	12.00	Not Required	12.00	Not Required	12.00	Not Required	12.00	Not Required	12.00	7.50	100.00
		64	5320	Not Required	12.00	Not Required	12.00	Not Required	12.00	Not Required	12.00	Not Required	12.00	7.50	
		54	5270	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00		7.50		
		62	5310	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00		7.50		
		58	5290	10.56	12.00	10.56	12.00	10.56	12.00	10.56	12.00	6.16	7.50	100.00	
		60	5300	10.53	12.00	10.53	12.00	10.53	12.00	10.53	12.00		7.50		

5.5GHz WLAN

5.5GHz WLAN				Full		Receive on Standalone		Receive on Simultaneous		Receive off Standalone		Receive off Simultaneous		Duty Cycle	
				Ant. 5		Ant. 5		Ant. 5		Ant. 5		Ant. 5			
5.5GHz WLAN	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		
5.5GHz WLAN	802.11a 6Mbps	100	5500	8.71	10.50	8.71	10.50	8.71	10.50	8.71	10.50	8.71	10.50	100.00	
		116	5580	9.16	10.50	9.16	10.50	9.16	10.50	9.16	10.50	9.16	10.50		
		124	5620	9.10	10.50	9.10	10.50	9.10	10.50	9.10	10.50	9.10	10.50		
		132	5660	9.05	10.50	9.05	10.50	9.05	10.50	9.05	10.50	9.05	10.50		
		140	5700	8.56	10.50	8.56	10.50	8.56	10.50	8.56	10.50	8.56	10.50		
		144	5720	9.02	10.50	9.02	10.50	9.02	10.50	9.02	10.50	9.02	10.50		
	802.11n-HT20 MCS0	100	5500	8.63	10.50	8.63	10.50	8.63	10.50	8.63	10.50	8.63	10.50	100.00	
		116	5580	9.13	10.50	9.13	10.50	9.13	10.50	9.13	10.50	9.13	10.50		
		124	5620	9.09	10.50	9.09	10.50	9.09	10.50	9.09	10.50	9.09	10.50		
		132	5660	9.01	10.50	9.01	10.50	9.01	10.50	9.01	10.50	9.01	10.50		
		140	5700	8.58	10.50	8.58	10.50	8.58	10.50	8.58	10.50	8.58	10.50		
		144	5720	9.10	10.50	9.10	10.50	9.10	10.50	9.10	10.50	9.10	10.50		
	802.11n-HT40 MCS0	102	5510	8.91	10.50	8.91	10.50	8.91	10.50	8.91	10.50	8.91	10.50	100.00	
		110	5550	9.15	10.50	9.15	10.50	9.15	10.50	9.15	10.50	9.15	10.50		
5.5GHz WLAN	802.11n-HT40 MCS0	126	5630	9.10	10.50	9.10	10.50	9.10	10.50	9.10	10.50	9.10	10.50	100.00	
		134	5670	8.67	10.50	8.67	10.50	8.67	10.50	8.67	10.50	8.67	10.50		
		142	5710	9.09	10.50	9.09	10.50	9.09	10.50	9.09	10.50	9.09	10.50		
		100	5500	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
		116	5580	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
		124	5620	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
	802.11ac-VHT20 MCS0	132	5680	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	100.00	
		140	5700	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
	802.11ac-VHT40 MCS0	144	5720	Not Required	10.50	Not Required	10.50	Not Required	10.50	Not Required	10.50	Not Required	10.50	10.50	100.00
		102	5510	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
		110	5550	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
		126	5630	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
		134	5670	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
		142	5710	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50	10.50		
802.11ac-VHT80 MCS0	106	5530	9.03	10.50	9.03	10.50	9.03	10.50	9.03	10.50	9.03	10.50	100.00		
	122	5610	9.17	10.50	9.17	10.50	9.17	10.50	9.17	10.50	9.17	10.50			