

### Reduced Power Mode for DSI1

GSM850 Ant 1 DSI1								
GSM850	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	33.50	23.05	23.09	23.03	24.50
GSM 1 Tx slot	32.05	32.09	32.03					
GPRS 1 Tx slot	32.15	32.18	32.16	33.50	23.15	23.18	23.16	24.50
GPRS 2 Tx slots	30.03	30.04	29.99	31.00	24.03	24.04	23.99	25.00
GPRS 3 Tx slots	28.33	28.34	28.31	29.50	24.07	24.08	24.05	25.24
GPRS 4 Tx slots	26.44	26.46	26.39	27.50	23.44	23.46	23.39	24.50
EDGE 1 Tx slot	26.75	27.03	27.08	28.00	17.75	18.03	18.08	19.00
EDGE 2 Tx slots	24.21	24.50	24.57	25.50	18.21	18.50	18.57	19.50
EDGE 3 Tx slots	22.57	22.81	22.89	24.00	18.31	18.55	18.63	19.74
EDGE 4 Tx slots	21.21	21.43	21.56	22.50	18.21	18.43	18.56	19.50

WCDMA V Ant 1 DSI1					
Band	WCDMA V			Tune-up Limit (dBm)	
	4132	4182	4233		
TX Channel	4357	4407	4458		
Rx Channel	826.4	836.4	846.6		
Frequency (MHz)	826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	24.33	24.43	24.23	25.50
3GPP Rel 99	RMC 12.2Kbps	24.43	24.55	24.33	25.50
3GPP Rel 6	HSDPA Subtest-1	23.62	23.61	23.66	24.50
3GPP Rel 6	HSDPA Subtest-2	23.53	23.56	23.58	24.50
3GPP Rel 6	HSDPA Subtest-3	23.03	23.06	23.11	24.50
3GPP Rel 6	HSDPA Subtest-4	23.05	23.06	23.09	24.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.72	23.70	25.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.52	23.45	23.57	25.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.96	22.98	23.11	24.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.95	22.99	23.14	24.50
3GPP Rel 6	HSUPA Subtest-1	21.66	21.52	21.66	23.00
3GPP Rel 6	HSUPA Subtest-2	21.56	21.48	21.63	23.00
3GPP Rel 6	HSUPA Subtest-3	22.63	22.56	22.63	24.00
3GPP Rel 6	HSUPA Subtest-4	21.03	20.99	21.10	22.50
3GPP Rel 6	HSUPA Subtest-5	22.50	22.40	22.50	24.00



Band 5 Ant1 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	24.15	24.24	24.13	25.5	0	
10	QPSK	1	25	24.13	24.03	24.14			
10	QPSK	1	49	24.10	24.05	24.09			
10	QPSK	25	0	23.18	23.25	23.17	24.5	1	
10	QPSK	25	12	23.20	23.19	23.18			
10	QPSK	25	25	23.10	23.07	23.11			
10	QPSK	50	0	22.23	22.91	22.95	24.5	1	
10	QPSK	50	0	23.07	23.23	23.12			
10	16QAM	1	0	23.19	23.19	23.23			
10	16QAM	1	25	23.33	23.22	23.28	24.5	1	
10	16QAM	1	49	23.24	23.19	23.09			
10	16QAM	25	0	22.06	22.12	22.06			
10	16QAM	25	12	22.21	22.18	22.25	23.5	2	
10	16QAM	25	25	22.13	22.15	22.02			
10	16QAM	50	0	22.30	22.07	22.08			
10	64QAM	1	0	22.21	22.14	22.07	23.5	2	
10	64QAM	1	25	22.16	21.97	22.18			
10	64QAM	1	49	22.15	22.18	22.08			
10	64QAM	25	0	21.10	20.96	21.14	22.5	3	
10	64QAM	25	12	21.18	21.10	21.16			
10	64QAM	25	25	21.25	21.08	21.15			
10	64QAM	50	0	21.14	20.96	21.11			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	24.06	24.08	23.99	25.5	0	
5	QPSK	1	12	24.09	23.93	24.05			
5	QPSK	1	24	24.03	23.93	23.90			
5	QPSK	12	0	23.13	23.23	23.07	24.5	1	
5	QPSK	12	7	23.21	23.10	22.96			
5	QPSK	12	13	22.93	23.01	22.91			
5	QPSK	25	0	23.00	23.03	23.02	24.5	1	
5	16QAM	1	0	23.21	23.12	23.20			
5	16QAM	1	12	23.24	23.23	23.28			
5	16QAM	1	24	23.09	23.20	22.93	23.5	2	
5	16QAM	12	0	21.94	22.10	21.86			
5	16QAM	12	7	22.07	21.98	22.09			
5	16QAM	12	13	22.05	22.01	21.81	23.5	2	
5	16QAM	25	0	22.23	21.91	22.05			
5	64QAM	1	0	22.16	21.95	21.88			
5	64QAM	1	12	22.17	21.82	22.04	23.5	2	
5	64QAM	1	24	22.06	22.14	21.92			
5	64QAM	12	0	21.00	20.91	20.97			
5	64QAM	12	7	21.03	21.06	21.05	22.5	3	
5	64QAM	12	13	21.14	20.96	20.95			
5	64QAM	25	0	21.09	20.97	20.95			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	847.5			
3	QPSK	1	0	24.16	24.14	23.99	25.5	0	
3	QPSK	1	8	24.05	23.99	24.16			
3	QPSK	1	14	24.05	23.85	24.05			
3	QPSK	8	0	22.97	23.23	23.13	24.5	1	
3	QPSK	8	4	23.12	23.18	23.11			
3	QPSK	8	7	23.00	22.96	23.12			
3	QPSK	15	0	23.06	23.17	22.95	24.5	1	
3	16QAM	1	0	23.03	23.04	23.22			
3	16QAM	1	8	23.21	23.04	23.20			
3	16QAM	1	14	23.25	23.08	22.93	23.5	2	
3	16QAM	8	0	22.02	22.11	22.04			
3	16QAM	8	4	22.04	22.08	22.06			
3	16QAM	8	7	22.13	22.12	22.01	23.5	2	
3	16QAM	15	0	22.17	21.87	22.00			
3	64QAM	1	0	22.04	22.04	21.92			
3	64QAM	1	8	21.96	21.81	22.16	23.5	2	
3	64QAM	1	14	22.05	22.02	21.98			
3	64QAM	8	0	20.96	20.95	21.00			
3	64QAM	8	4	20.97	21.08	20.99	22.5	3	
3	64QAM	8	7	21.19	21.04	20.95			
3	64QAM	15	0	21.02	20.91	21.03			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	24.02	24.00	23.93	25.5	0	
1.4	QPSK	1	3	24.00	23.79	23.84			
1.4	QPSK	1	5	23.81	23.83	23.90			
1.4	QPSK	3	0	23.93	23.99	23.72	24.5	1	
1.4	QPSK	3	1	23.99	23.64	23.74			
1.4	QPSK	3	3	23.73	23.66	23.90			
1.4	QPSK	6	0	22.80	22.91	22.89	24.5	1	
1.4	16QAM	1	0	22.92	22.98	23.10			
1.4	16QAM	1	3	23.21	22.98	23.19			
1.4	16QAM	1	5	22.95	22.93	22.94	24.5	1	
1.4	16QAM	3	0	22.76	22.94	23.04			
1.4	16QAM	3	1	23.04	22.89	23.09			
1.4	16QAM	3	3	22.84	22.74	22.74	23.5	2	
1.4	16QAM	6	0	22.19	21.91	21.86			
1.4	64QAM	1	0	22.07	22.00	21.84			
1.4	64QAM	1	3	21.93	21.76	22.08	23.5	2	
1.4	64QAM	1	5	22.06	21.99	21.96			
1.4	64QAM	3	0	21.82	21.74	21.92			
1.4	64QAM	3	1	21.94	21.79	22.03	22.5	3	
1.4	64QAM	3	3	22.10	21.92	22.03			
1.4	64QAM	6	0	20.92	20.76	21.01			

Band 7 Ant1 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.84	23.92	23.71	25.5	0	
20	QPSK	1	49	23.88	23.82	23.79			
20	QPSK	1	99	23.86	23.75	23.70			
20	QPSK	50	0	22.77	22.98	22.92	24.5	1	
20	QPSK	50	24	22.91	22.94	22.88			
20	QPSK	50	50	22.83	22.90	22.76			
20	QPSK	100	0	22.81	22.86	22.77	24.5	1	
20	16QAM	1	0	22.79	22.84	22.72			
20	16QAM	1	49	22.91	22.88	22.82			
20	16QAM	1	99	22.81	22.94	22.79	23.5	2	
20	16QAM	50	0	21.68	21.75	21.83			
20	16QAM	50	24	21.95	21.92	21.96			
20	16QAM	50	50	21.90	21.91	21.67	23.5	2	
20	16QAM	100	0	21.81	21.76	21.70			
20	64QAM	1	0	21.86	21.78	21.69			
20	64QAM	1	49	21.99	21.96	21.82	23.5	2	
20	64QAM	1	99	21.94	21.91	21.83			
20	64QAM	50	0	20.79	20.87	20.79			
20	64QAM	50	24	20.91	20.81	20.91	22.5	3	
20	64QAM	50	50	20.90	20.91	20.70			
20	64QAM	100	0	20.88	20.85	20.68			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.73	23.81	23.66	25.5	0	
15	QPSK	1	37	23.86	23.78	23.69			
15	QPSK	1	74	23.77	23.64	23.69			
15	QPSK	36	0	22.59	22.76	22.90	24.5	1	
15	QPSK	36	20	22.70	22.66	22.77			
15	QPSK	36	39	22.66	22.82	22.65			
15	QPSK	75	0	22.68	22.80	22.73	24.5	1	
15	16QAM	1	0	22.59	22.72	22.64			
15	16QAM	1	37	22.90	22.84	22.80			
15	16QAM	1	74	22.78	22.85	22.75	23.5	2	
15	16QAM	36	0	21.58	21.58	21.81			
15	16QAM	36	20	21.91	21.89	21.81			
15	16QAM	36	39	21.89	21.84	21.82	23.5	2	
15	16QAM	75	0	21.61	21.72	21.70			
15	64QAM	1	0	21.88	21.74	21.64			
15	64QAM	1	37	21.64	21.88	21.65	23.5	2	
15	64QAM	1	74	21.82	21.87	21.77			
15	64QAM	36	0	20.69	20.76	20.73			
15	64QAM	36	20	20.78	20.72	20.79	22.5	3	
15	64QAM	36	39	20.75	20.79	20.66			
15	64QAM	75	0	20.82	20.85	20.56			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.65	23.86	23.73	25.5	0	
10	QPSK	1	25	23.89	23.74	23.61			
10	QPSK	1	49	23.84	23.70	23.56			
10	QPSK	25	0	22.69	22.84	22.80	24.5	1	
10	QPSK	25	12	22.83	22.79	22.78			
10	QPSK	25	25	22.64	22.82	22.59			
10	QPSK	50	0	22.68	22.72	22.75	24.5	1	
10	16QAM	1	0	22.58					



### Band 38 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.14	24.30	24.18	25.5	0
20	QPSK	1	49	24.03	23.89	24.12		
20	QPSK	1	99	24.14	24.01	23.96		
20	QPSK	50	0	23.01	23.29	22.95	24.5	1
20	QPSK	50	24	23.27	23.15	23.17		
20	QPSK	50	50	23.21	23.18	23.04		
20	QPSK	100	0	23.06	23.20	22.98	24.5	1
20	16QAM	1	0	23.37	23.26	23.16		
20	16QAM	1	49	23.33	23.50	23.59		
20	16QAM	1	99	23.41	23.28	23.27	23.5	2
20	16QAM	50	0	22.16	22.19	22.33		
20	16QAM	50	24	22.22	22.26	22.24		
20	16QAM	50	50	22.15	22.27	22.12	23.5	2
20	16QAM	100	0	22.10	22.12	22.04		
20	64QAM	1	0	22.29	22.16	22.15		
20	64QAM	1	49	22.33	22.40	22.24	23.5	2
20	64QAM	1	99	22.22	22.26	22.29		
20	64QAM	50	0	21.05	21.08	21.09		
20	64QAM	50	24	21.32	21.22	21.28	22.5	3
20	64QAM	50	50	21.10	21.09	21.18		
20	64QAM	100	0	21.22	21.11	21.12		
Channel				37825	38000	38175		
Frequency (MHz)				25775	25925	26125		
15	QPSK	1	0	24.03	24.28	24.14	25.5	0
15	QPSK	1	37	24.13	24.10	24.23		
15	QPSK	1	74	24.16	23.95	24.18		
15	QPSK	36	0	23.19	23.34	23.13	24.5	1
15	QPSK	36	20	23.39	23.22	23.37		
15	QPSK	36	39	23.41	23.16	23.29		
15	16QAM	75	0	23.27	23.20	23.32	24.5	1
15	16QAM	1	0	23.53	23.60	23.60		
15	16QAM	1	37	23.75	23.66	23.58		
15	16QAM	1	74	23.54	23.46	23.58	23.5	2
15	16QAM	36	0	22.22	22.28	22.23		
15	16QAM	36	20	22.47	22.59	22.62		
15	16QAM	36	39	22.34	22.26	22.37	23.5	2
15	16QAM	75	0	22.40	22.33	22.35		
15	64QAM	1	0	22.27	22.46	22.50		
15	64QAM	1	37	22.39	22.53	22.36	23.5	2
15	64QAM	1	74	22.49	22.32	22.42		
15	64QAM	36	0	21.21	21.26	21.37		
15	64QAM	36	20	21.46	21.26	21.34	22.5	3
15	64QAM	36	39	21.22	21.42	21.25		
15	64QAM	75	0	21.37	21.45	21.15		
Channel				37800	38000	38200		
Frequency (MHz)				25750	2595	2615		
10	QPSK	1	0	23.87	24.02	23.77	25.5	0
10	QPSK	1	25	24.00	23.85	23.92		
10	QPSK	1	49	24.21	23.93	23.90		
10	QPSK	25	0	22.83	23.04	22.76	24.5	1
10	QPSK	25	12	23.13	23.34	23.00		
10	QPSK	25	25	22.96	23.04	22.99		
10	QPSK	50	0	23.08	23.02	22.95	24.5	1
10	16QAM	1	0	23.24	23.30	23.32		
10	16QAM	1	25	23.47	23.48	23.39		
10	16QAM	1	49	23.33	23.26	23.17	23.5	2
10	16QAM	25	0	22.12	22.12	22.21		
10	16QAM	25	12	22.23	22.33	22.27		
10	16QAM	25	25	22.15	22.36	22.13	23.5	2
10	16QAM	50	0	22.17	22.08	22.09		
10	64QAM	1	0	22.07	22.16	22.06		
10	64QAM	1	25	22.33	22.31	22.22	23.5	2
10	64QAM	1	49	22.07	22.27	22.32		
10	64QAM	25	0	20.97	21.08	20.89		
10	64QAM	25	12	21.18	21.11	21.33	22.5	3
10	64QAM	25	25	20.99	20.92	21.12		
10	64QAM	50	0	21.30	21.13	21.06		
Channel				37775	38000	38225		
Frequency (MHz)				25725	2595	2617.5		
5	QPSK	1	0	24.06	24.21	24.08	25.5	0
5	QPSK	1	12	24.16	24.05	24.22		
5	QPSK	1	24	24.04	24.14	24.02		
5	QPSK	12	0	23.06	23.21	23.03	24.5	1
5	QPSK	12	7	23.19	23.30	23.18		
5	QPSK	12	13	23.23	23.18	23.11		
5	QPSK	25	0	23.15	23.05	23.26	24.5	1
5	16QAM	1	0	23.42	23.41	23.30		
5	16QAM	1	12	23.52	23.43	23.54		
5	16QAM	1	24	23.41	23.40	23.46	23.5	2
5	16QAM	12	0	22.15	22.35	22.25		
5	16QAM	12	7	22.40	22.31	22.33		
5	16QAM	12	13	22.33	22.37	22.24	23.5	2
5	16QAM	25	0	22.45	22.19	22.22		
5	64QAM	1	0	22.38	22.32	22.30		
5	64QAM	1	12	22.57	22.69	22.42	23.5	2
5	64QAM	1	24	22.37	22.25	22.20		
5	64QAM	12	0	21.07	21.23	21.27		
5	64QAM	12	7	21.46	21.24	21.35	22.5	3
5	64QAM	12	13	21.26	21.14	21.04		
5	64QAM	25	0	21.17	21.22	21.20		

### Band 41 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.01	24.18	24.31	24.14	24.11	25.5	0
20	QPSK	1	49	24.13	24.12	24.11	24.19	23.95		
20	QPSK	1	99	24.06	24.01	24.06	24.11	24.22		
20	QPSK	50	0	23.12	23.04	23.30	23.25	23.06	24.5	1
20	QPSK	50	24	23.26	23.17	23.07	23.29	23.12		
20	QPSK	50	50	23.06	23.19	23.19	23.01	23.00		
20	QPSK	100	0	23.03	23.00	23.18	23.11	23.12	24.5	1
20	16QAM	1	0	23.50	23.13	23.44	23.22	23.26		
20	16QAM	1	49	23.27	23.17	23.16	23.28	23.55		
20	16QAM	1	99	23.41	23.32	23.53	23.27	23.33	23.5	2
20	16QAM	50	0	22.18	22.11	22.17	22.37	22.23		
20	16QAM	50	24	22.13	22.24	22.34	22.23	22.32		
20	16QAM	50	50	22.22	22.40	22.29	22.14	22.29	23.5	2
20	16QAM	100	0	22.16	22.18	22.30	22.24	22.01		
20	64QAM	1	0	22.20	22.24	22.30	22.32	22.40		
20	64QAM	1	49	22.53	22.44	22.59	22.35	22.46	23.5	2
20	64QAM	1	99	22.38	22.30	22.50	22.31	22.37		
20	64QAM	50	0	21.12	21.16	21.21	21.07	21.26		
20	64QAM	50	24	21.19	21.07	21.34	21.30	21.32	22.5	3
20	64QAM	50	50	21.09	21.09	21.30	21.11	21.15		
20	64QAM	100	0	20.99	20.95	21.21	21.02	21.16		
Channel				39725	40173	40620	41058	41515		
Frequency (MHz)				25035	25483	2593	2637.5	2682.5		
15	QPSK	1	0	23.86	23.88	24.16	23.91	23.98	25.5	0
15	QPSK	1	37	24.05	24.07	24.00	24.01	23.88		
15	QPSK	1	74	23.91	23.99	23.87	23.89	23.94		
15	QPSK	36	0	22.92	22.87	23.10	23.12	22.96	24.5	1
15	QPSK	36	20	23.15	23.03	23.02	23.05	22.89		
15	QPSK	36	39	22.95	23.16	23.12	22.89	22.75		
15	16QAM	75	0	21.99	21.96	22.69	22.07	22.14	24.5	1
15	16QAM	1	0	23.43	23.02	23.27	23.31	23.11		
15	16QAM	1	37	23.25	22.99	23.14	23.20	23.44		
15	16QAM	1	74	23.26	23.03	23.22	23.44	23.16	23.5	2
15	16QAM	36	0	21.90	22.02	22.32	22.16	22.01		
15	16QAM	36	20	22.05	22.32	22.19	22.28	22.26		
15	16QAM	36	39	22.13	22.10	22.24	21.95	22.03	23.5	2
15	16QAM	75	0	22.08	22.22	22.12	22.37	22.27		
15	64QAM	1	0	22.08	22.22	22.12	22.37	22.27		
15	64QAM	1	37	22.13	22.50	22.43	22.25	22.40	23.5	2
15	64QAM	1	74	22.11	22.38	22.50	22.35	22.08		
15	64QAM	36	0	21.00	21.28	20.97	21.07	21.16		
15	64QAM	36	20	21.14	21.14	21.28	21.23	21.10	22.5	3
15	64QAM	36	39	20.94	20.99	21.29	21.04	21.00		
15	64QAM	75	0	20.93	20.99	21.14	21.14	21.33		
Channel				39700	40160	40620	41050	4		

GSM850 Ant 2 DSII

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		129	188	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.26	32.33	32.21	33.50	23.26	23.33	23.21	24.50
GPRS 1 Tx slot	32.34	32.38	32.29	33.50	23.34	23.38	23.29	24.50
GPRS 2 Tx slots	30.17	30.11	30.02	31.00	24.17	24.11	24.02	25.00
GPRS 3 Tx slots	28.40	28.43	28.30	29.50	24.14	24.17	24.04	25.24
GPRS 4 Tx slots	26.46	26.44	26.33	27.50	23.46	23.44	23.33	24.50
EDGE 1 Tx slot	27.06	27.30	27.39	28.00	18.06	18.30	18.39	19.00
EDGE 2 Tx slots	24.55	24.78	24.88	25.50	18.55	18.78	18.88	19.50
EDGE 3 Tx slots	22.84	23.03	23.19	24.00	18.58	18.77	18.93	19.74
EDGE 4 Tx slots	21.56	21.73	21.93	22.50	18.56	18.73	18.93	19.50

WCDMA V Ant 2 DSII

Band TX Channel	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2kbps	23.54	23.58	23.49	24.50
3GPP Rel 99 RMC 12.2kbps	23.55	23.69	23.50	24.50
3GPP Rel 6 HSDPA Subtest-1	23.53	23.57	23.45	24.50
3GPP Rel 6 HSDPA Subtest-2	23.44	23.30	23.35	24.50
3GPP Rel 6 HSDPA Subtest-3	23.08	22.86	22.92	24.00
3GPP Rel 6 HSDPA Subtest-4	23.08	22.95	22.90	24.00
3GPP Rel 6 DC-HSDPA Subtest-1	23.09	23.20	23.25	24.50
3GPP Rel 8 DC-HSDPA Subtest-2	23.08	23.16	23.00	24.50
3GPP Rel 8 DC-HSDPA Subtest-3	22.99	22.95	22.83	24.00
3GPP Rel 8 DC-HSDPA Subtest-4	23.01	23.00	23.07	24.00
3GPP Rel 6 HSUPA Subtest-1	21.56	21.36	21.55	23.00
3GPP Rel 6 HSUPA Subtest-2	21.45	21.36	21.29	23.00
3GPP Rel 6 HSUPA Subtest-3	22.45	22.38	22.53	24.00
3GPP Rel 6 HSUPA Subtest-4	20.97	20.83	20.96	22.50
3GPP Rel 6 HSUPA Subtest-5	22.29	22.26	22.27	24.00



Band 5 Ant2 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.41	23.46	23.23	24.5	0	
10	QPSK	1	25	23.45	23.41	23.37			
10	QPSK	1	49	23.26	23.32	23.30			
10	QPSK	25	0	23.37	23.44	23.13	24.5	0	
10	QPSK	25	12	23.32	23.33	23.38			
10	QPSK	25	25	23.25	23.33	23.14			
10	QPSK	50	0	23.27	23.29	23.24	24.5	0	
10	16QAM	1	0	23.21	23.25	23.22			
10	16QAM	1	25	23.31	23.41	23.27			
10	16QAM	1	49	23.08	23.19	23.08	23.5	1	
10	16QAM	25	0	22.31	22.25	22.23			
10	16QAM	25	12	22.30	22.25	22.37			
10	16QAM	25	25	22.31	22.23	22.13	23.5	1	
10	16QAM	50	0	22.34	22.17	22.30			
10	64QAM	1	0	22.34	22.34	22.36			
10	64QAM	1	25	22.45	22.39	22.48	23.5	1	
10	64QAM	1	49	22.43	22.26	22.19			
10	64QAM	25	0	21.36	21.09	21.40			
10	64QAM	25	12	21.30	21.25	21.28	22.5	2	
10	64QAM	25	25	21.38	21.17	21.29			
10	64QAM	50	0	21.31	21.09	21.38			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.42	23.26	23.14	24.5	0	
5	QPSK	1	12	23.37	23.33	23.21			
5	QPSK	1	24	23.11	23.16	23.25			
5	QPSK	12	0	23.19	23.36	23.04	24.5	0	
5	QPSK	12	7	23.27	23.32	23.26			
5	QPSK	12	13	23.23	23.13	23.13			
5	QPSK	25	0	23.18	23.10	23.18	24.5	0	
5	16QAM	1	0	23.01	23.18	23.15			
5	16QAM	1	12	23.32	23.40	23.07			
5	16QAM	1	24	22.93	23.16	23.10	23.5	1	
5	16QAM	12	0	22.22	22.19	22.11			
5	16QAM	12	7	22.27	22.21	22.33			
5	16QAM	12	13	22.14	22.22	21.98	23.5	1	
5	16QAM	25	0	22.23	22.08	22.11			
5	64QAM	1	0	22.35	22.13	22.31			
5	64QAM	1	12	22.24	22.37	22.36	23.5	1	
5	64QAM	1	24	22.25	22.11	22.13			
5	64QAM	12	0	21.18	21.08	21.26			
5	64QAM	12	7	21.25	21.16	21.22	22.5	2	
5	64QAM	12	13	21.39	21.08	21.16			
5	64QAM	25	0	21.13	21.11	21.26			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	847.5			
3	QPSK	1	0	23.41	23.37	23.06	24.5	0	
3	QPSK	1	8	23.25	23.33	23.28			
3	QPSK	1	14	23.09	23.32	23.31			
3	QPSK	8	0	23.38	23.25	22.94	24.5	0	
3	QPSK	8	4	23.24	23.21	23.32			
3	QPSK	8	7	23.15	23.31	23.06			
3	16QAM	15	0	23.24	23.28	23.06	24.5	0	
3	16QAM	1	0	23.01	23.12	23.21			
3	16QAM	1	8	23.27	23.26	23.25			
3	16QAM	1	14	22.87	23.09	22.94	23.5	1	
3	16QAM	8	0	22.29	22.23	22.17			
3	16QAM	8	4	22.16	22.04	22.27			
3	16QAM	8	7	22.18	22.05	22.12	23.5	1	
3	16QAM	15	0	22.19	22.10	22.32			
3	64QAM	1	0	22.31	22.21	22.26			
3	64QAM	1	8	22.35	22.24	22.30	23.5	1	
3	64QAM	1	14	22.21	22.20	22.06			
3	64QAM	8	0	21.21	21.11	21.30			
3	64QAM	8	4	21.13	21.14	21.19	22.5	2	
3	64QAM	8	7	21.30	21.08	21.30			
3	64QAM	15	0	21.25	21.05	21.21			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.26	23.26	23.09	24.5	0	
1.4	QPSK	1	3	23.28	23.27	23.20			
1.4	QPSK	1	5	23.10	23.17	23.25			
1.4	QPSK	3	0	23.24	23.24	22.96	24.5	0	
1.4	QPSK	3	1	23.21	23.26	23.24			
1.4	QPSK	3	3	23.11	23.30	23.04			
1.4	QPSK	6	0	23.11	23.08	23.11	24.5	0	
1.4	16QAM	1	0	23.20	23.08	23.16			
1.4	16QAM	1	3	23.30	23.42	23.26			
1.4	16QAM	1	5	23.02	23.19	23.08	24.5	0	
1.4	16QAM	3	0	23.03	22.89	23.06			
1.4	16QAM	3	1	23.15	23.36	23.10			
1.4	16QAM	3	3	22.99	22.99	23.03	23.5	1	
1.4	16QAM	6	0	22.18	22.06	22.14			
1.4	64QAM	1	0	22.13	22.30	22.17			
1.4	64QAM	1	3	22.44	22.20	22.43	23.5	1	
1.4	64QAM	1	5	22.34	22.10	22.19			
1.4	64QAM	3	0	21.92	22.30	21.98			
1.4	64QAM	3	1	22.24	22.02	22.41	23.5	1	
1.4	64QAM	3	3	22.30	22.05	22.06			
1.4	64QAM	6	0	21.16	20.97	21.23			

Band 7 Ant2 DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.57	17.97	17.74	19	0	
20	QPSK	1	49	17.81	17.71	17.87			
20	QPSK	1	99	17.66	17.78	17.65			
20	QPSK	50	0	17.50	17.88	17.53	19	0	
20	QPSK	50	24	17.77	17.53	17.84			
20	QPSK	50	50	17.55	17.59	17.63			
20	QPSK	100	0	17.39	17.84	17.74	19	0	
20	16QAM	1	0	17.81	17.69	17.69			
20	16QAM	1	49	17.63	17.68	17.57			
20	16QAM	1	99	17.57	17.95	17.66	19	0	
20	16QAM	50	0	17.72	17.67	17.77			
20	16QAM	50	24	17.58	17.76	17.52			
20	16QAM	50	50	17.56	17.80	17.67	19	0	
20	16QAM	100	0	17.61	17.58	17.70			
20	64QAM	1	0	17.43	17.91	17.62			
20	64QAM	1	49	17.77	17.65	17.85	19	0	
20	64QAM	1	99	17.52	17.73	17.47			
20	64QAM	50	0	17.44	17.78	17.58			
20	64QAM	50	24	17.57	17.77	17.54	19	0	
20	64QAM	50	50	17.75	17.59	17.84			
20	64QAM	100	0	17.45	17.67	17.51			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.54	17.76	17.54	19	0	
15	QPSK	1	37	17.70	17.54	17.67			
15	QPSK	1	74	17.50	17.73	17.60			
15	QPSK	36	0	17.34	17.81	17.44	19	0	
15	QPSK	36	20	17.79	17.45	17.83			
15	QPSK	36	39	17.50	17.44	17.44			
15	QPSK	75	0	17.19	17.69	17.64	19	0	
15	16QAM	1	0	17.64	17.55	17.50			
15	16QAM	1	37	17.60	17.67	17.54			
15	16QAM	1	74	17.41	17.78	17.54	19	0	
15	16QAM	36	0	17.55	17.61	17.65			
15	16QAM	36	20	17.51	17.65	17.33			
15	16QAM	36	39	17.38	17.58	17.58	19	0	
15	16QAM	75	0	17.40	17.49	17.55			
15	64QAM	1	0	17.42	17.73	17.56			
15	64QAM	1	37	17.78	17.57	17.65	19	0	
15	64QAM	1	74	17.45	17.69	17.43			
15	64QAM	36	0	17.45	17.80	17.39			
15	64QAM	36	20	17.74	17.40	17.65	19	0	
15	64QAM	36	39	17.39	17.52	17.41			
15	64QAM	75	0	17.35	17.60	17.50			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	17.40	17.85	17.65	19	0	
10	QPSK	1	25	17.82	17.61	17.74			
10	QPSK	1	49	17.58	17.59	17.52			
10	QPSK	25	0	17.51	17.71	17.42	19	0	
10	QPSK	25	12	17.67	17.32	17.63			
10	QPSK	25	25	17.35	17.48	17.51			
10	QPSK	50	0	17.35	17.63	17.59	19	0	
10	16QAM	1	0	17.65	17.59	17.68			
10	16QAM	1	25	17.58	17.63	17.43			
10	16QAM								



Band 38 Ant2 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	20.82	21.00	20.51	22	0		
20	QPSK	1	49	20.64	20.51	20.89				
20	QPSK	1	99	20.75	20.63	20.62				
20	QPSK	50	0	20.81	20.99	20.81	22	0		
20	QPSK	50	24	20.84	20.80	20.90				
20	QPSK	50	50	20.98	20.92	20.69				
20	QPSK	100	0	20.82	20.84	20.57	22	0		
20	16QAM	1	0	20.71	20.97	20.69				
20	16QAM	1	49	20.92	20.94	20.71				
20	16QAM	1	99	20.91	20.80	20.72	22	0		
20	16QAM	50	0	20.93	20.87	20.88				
20	16QAM	50	24	20.89	20.88	20.97				
20	16QAM	50	50	20.86	20.90	20.72	22	0		
20	16QAM	100	0	20.85	20.56	20.74				
20	84QAM	1	0	20.92	20.74	20.87				
20	84QAM	1	49	20.87	20.89	20.74	22	0		
20	84QAM	1	99	20.83	20.79	20.82				
20	84QAM	50	0	20.73	20.84	20.84				
20	84QAM	50	24	20.98	20.88	20.95	22	0		
20	84QAM	50	50	20.82	20.86	20.74				
20	84QAM	100	0	20.95	20.98	20.59				
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	20.77	20.92	20.56	22	0		
15	QPSK	1	37	20.61	20.52	20.73				
15	QPSK	1	74	20.64	20.57	20.53				
15	QPSK	36	0	20.71	20.84	20.71	22	0		
15	QPSK	36	20	20.70	20.74	20.75				
15	QPSK	36	39	20.89	20.77	20.53				
15	QPSK	75	0	20.71	20.68	20.57	22	0		
15	16QAM	1	0	20.69	20.79	20.59				
15	16QAM	1	37	20.91	20.76	20.57				
15	16QAM	1	74	20.74	20.79	20.58	22	0		
15	16QAM	36	0	20.90	20.96	20.88				
15	16QAM	36	20	20.79	20.86	20.84				
15	16QAM	36	39	20.81	20.80	20.60	22	0		
15	16QAM	75	0	20.68	20.62	20.59				
15	84QAM	1	0	20.74	20.63	20.84				
15	84QAM	1	37	20.95	20.79	20.78	22	0		
15	84QAM	1	74	20.66	20.70	20.68				
15	84QAM	36	0	20.67	20.69	20.74				
15	84QAM	36	20	20.82	20.81	20.88	22	0		
15	84QAM	36	39	20.73	20.85	20.67				
15	84QAM	75	0	20.87	20.84	20.71				
Channel				37800	38000	38200				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	20.70	20.85	20.66	22	0		
10	QPSK	1	25	20.60	20.64	20.75				
10	QPSK	1	49	20.60	20.66	20.63				
10	QPSK	25	0	20.71	20.84	20.72	22	0		
10	QPSK	25	12	20.71	20.61	20.84				
10	QPSK	25	25	20.91	20.92	20.66				
10	QPSK	50	0	20.71	20.75	20.57	22	0		
10	16QAM	1	0	20.64	20.77	20.54				
10	16QAM	1	25	20.93	20.85	20.72				
10	16QAM	1	49	20.86	20.63	20.51	22	0		
10	16QAM	25	0	20.82	20.85	20.86				
10	16QAM	25	12	20.77	20.85	20.82				
10	16QAM	25	25	20.88	20.70	20.52	22	0		
10	16QAM	50	0	20.72	20.71	20.65				
10	84QAM	1	0	20.86	20.68	20.77				
10	84QAM	1	25	20.84	20.70	20.97	22	0		
10	84QAM	1	49	20.72	20.62	20.66				
10	84QAM	25	0	20.64	20.70	20.71				
10	84QAM	25	12	20.88	20.86	20.95	22	0		
10	84QAM	25	25	20.70	20.73	20.50				
10	84QAM	50	0	20.80	20.95	20.55				
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	20.82	20.82	20.59	22	0		
5	QPSK	1	12	20.73	20.57	20.80				
5	QPSK	1	24	20.57	20.59	20.56				
5	QPSK	12	0	20.81	20.76	20.68	22	0		
5	QPSK	12	7	20.70	20.61	20.89				
5	QPSK	12	13	20.87	20.87	20.70				
5	QPSK	25	0	20.57	20.72	20.61	22	0		
5	16QAM	1	0	20.70	20.81	20.51				
5	16QAM	1	12	20.89	20.91	20.61				
5	16QAM	1	24	20.84	20.78	20.51	22	0		
5	16QAM	12	0	20.76	20.94	20.74				
5	16QAM	12	7	20.62	20.93	20.82				
5	16QAM	12	13	20.76	20.63	20.58	22	0		
5	16QAM	25	0	20.67	20.63	20.71				
5	84QAM	1	0	20.78	20.65	20.71				
5	84QAM	1	12	20.96	20.65	20.97	22	0		
5	84QAM	1	24	20.56	20.57	20.57				
5	84QAM	12	0	20.50	20.59	20.82				
5	84QAM	12	7	20.81	20.96	20.90	22	0		
5	84QAM	12	13	20.67	20.80	20.54				
5	84QAM	25	0	20.73	20.89	20.51				

Band 41 Ant2 DSI1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	20.76	20.75	21.02	20.74	20.84	22	0		
20	QPSK	1	49	20.60	20.75	20.66	20.66	20.85				
20	QPSK	1	99	20.74	20.61	20.68	20.68	20.74				
20	QPSK	50	0	20.57	20.67	20.98	20.59	20.77	22	0		
20	QPSK	50	24	20.58	20.54	20.73	20.70	20.71				
20	QPSK	50	50	20.56	20.58	20.78	20.75	20.78				
20	QPSK	100	0	20.66	20.74	20.80	20.53	20.73	22	0		
20	16QAM	1	0	20.63	20.59	20.84	20.72	20.76				
20	16QAM	1	49	20.64	20.73	20.82	20.58	20.68				
20	16QAM	1	99	20.76	20.68	20.72	20.58	20.63	22	0		
20	16QAM	50	0	20.61	20.56	20.82	20.76	20.85				
20	16QAM	50	24	20.56	20.58	20.86	20.61	20.83				
20	16QAM	50	50	20.65	20.63	20.74	20.58	20.69	22	0		
20	16QAM	100	0	20.66	20.59	20.73	20.71	20.69				
20	84QAM	1	0	20.63	20.55	20.86	20.56	20.71				
20	84QAM	1	49	20.55	20.58	20.70	20.58	20.79	22	0		
20	84QAM	1	99	20.59	20.56	20.84	20.65	20.75				
20	84QAM	50	0	20.60	20.59	20.71	20.71	20.76				
20	84QAM	50	24	20.63	20.60	20.80	20.55	20.69	22	0		
20	84QAM	50	50	20.57	20.68	20.85	20.63	20.83				
20	84QAM	100	0	20.72	20.62	20.82	20.65	20.72				
Channel				39725	40173	40620	41068	41515				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2692.5				
15	QPSK	1	0	20.64	20.69	20.69	20.57	20.76	22.00	0		
15	QPSK	1	37	20.39	20.73	20.54	20.50	20.73				
15	QPSK	1	74	20.70	20.40	20.54	20.63	20.57				
15	QPSK	36	0	20.57	20.60	20.77	20.40	20.56	22	0		
15	QPSK	36	20	20.58	20.37	20.63	20.70	20.64				
15	QPSK	36	39	20.44	20.43	20.79	20.72	20.74				
15	QPSK	75	0	20.60	20.55	20.67	20.36	20.55	22	0		
15	16QAM	1	0	20.62	20.57	20.82	20.57	20.71				
15	16QAM	1	37	20.59	20.59	20.62	20.51	20.53				
15	16QAM	1	74	20.74	20.49	20.53	20.42	20.56	22	0		
15	16QAM	36	0	20.60	20.39	20.72	20.71	20.82				
15	16QAM	36	20	20.38	20.56	20.74	20.58	20.83				
15	16QAM	36	39	20.64	20.61	20.54	20.58	20.69	22	0		
15	16QAM	75	0	20.63	20.57	20.54						

### Reduced Power Mode for DS12

GSM850 Ant 1 DS12								
GSM850	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel	128	189	251	Limit	128	189	251	Limit
Frequency (MHz)	824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	(dBm)
GSM 1 Tx slot	32.05	32.09	32.03	33.50	23.05	23.09	23.03	24.50
GPRS 1 Tx slot	32.15	32.18	32.16	33.50	23.15	23.18	23.16	24.50
GPRS 2 Tx slots	30.03	30.04	29.99	31.00	24.03	24.04	23.99	25.00
GPRS 3 Tx slots	28.33	28.34	28.31	29.50	24.07	24.08	24.05	25.24
GPRS 4 Tx slots	26.44	26.46	26.39	27.50	23.44	23.46	23.39	24.50
EDGE 1 Tx slot	26.75	27.03	27.08	28.00	17.75	18.03	18.08	19.00
EDGE 2 Tx slots	24.21	24.50	24.57	25.50	18.21	18.50	18.57	19.50
EDGE 3 Tx slots	22.57	22.81	22.89	24.00	18.31	18.55	18.63	19.74
EDGE 4 Tx slots	21.21	21.43	21.56	22.50	18.21	18.43	18.56	19.50

WCDMA V Ant 1 DS12					
Band	WCDMA V			Tune-up	
TX Channel	4132	4182	4233	Limit	
Rx Channel	4357	4407	4458	(dBm)	
Frequency (MHz)	826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	24.33	24.43	24.23	25.50
3GPP Rel 99	RMC 12.2Kbps	24.43	24.55	24.33	25.50
3GPP Rel 6	HSDPA Subtest-1	23.62	23.61	23.66	24.50
3GPP Rel 6	HSDPA Subtest-2	23.53	23.56	23.58	24.50
3GPP Rel 6	HSDPA Subtest-3	23.03	23.06	23.11	24.50
3GPP Rel 6	HSDPA Subtest-4	23.05	23.06	23.09	24.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.72	23.70	25.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.52	23.45	23.57	25.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.96	22.98	23.11	24.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.95	22.99	23.14	24.50
3GPP Rel 6	HSUPA Subtest-1	21.66	21.52	21.66	23.00
3GPP Rel 6	HSUPA Subtest-2	21.56	21.48	21.63	23.00
3GPP Rel 6	HSUPA Subtest-3	22.63	22.56	22.63	24.00
3GPP Rel 6	HSUPA Subtest-4	21.03	20.99	21.10	22.50
3GPP Rel 6	HSUPA Subtest-5	22.50	22.40	22.50	24.00

Band 5 Ant1 DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	24.15	24.24	24.13	25.5	0	
10	QPSK	1	25	24.13	24.03	24.14			
10	QPSK	1	49	24.10	24.05	24.09			
10	QPSK	25	0	23.18	23.25	23.17	24.5	1	
10	QPSK	25	12	23.20	23.19	23.18			
10	QPSK	25	25	23.10	23.07	23.11			
10	QPSK	50	0	22.23	22.91	22.95	24.5	1	
10	16QAM	1	0	23.19	23.19	23.23			
10	16QAM	1	25	23.33	23.22	23.28			
10	16QAM	1	49	23.24	23.19	23.09	23.5	2	
10	16QAM	25	0	22.06	22.12	22.06			
10	16QAM	25	12	22.21	22.18	22.25			
10	16QAM	25	25	22.13	22.15	22.02	23.5	2	
10	16QAM	50	0	22.30	22.07	22.08			
10	64QAM	1	0	22.21	22.14	22.07			
10	64QAM	1	25	22.16	21.97	22.18	23.5	2	
10	64QAM	1	49	22.15	22.18	22.08			
10	64QAM	25	0	21.10	20.96	21.14			
10	64QAM	25	12	21.18	21.10	21.16	22.5	3	
10	64QAM	25	25	21.25	21.08	21.15			
10	64QAM	50	0	21.14	20.96	21.11			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	24.06	24.08	23.99	25.5	0	
5	QPSK	1	12	24.09	23.93	24.05			
5	QPSK	1	24	24.03	23.93	23.90			
5	QPSK	12	0	23.13	23.23	23.07	24.5	1	
5	QPSK	12	7	23.21	23.10	22.96			
5	QPSK	12	13	22.93	23.01	22.91			
5	QPSK	25	0	23.00	23.03	23.02	24.5	1	
5	16QAM	1	0	23.21	23.12	23.20			
5	16QAM	1	12	23.24	23.23	23.28			
5	16QAM	1	24	23.09	23.20	22.93	23.5	2	
5	16QAM	12	0	21.94	22.10	21.86			
5	16QAM	12	7	22.07	21.98	22.09			
5	16QAM	12	13	22.05	22.01	21.81	23.5	2	
5	16QAM	25	0	22.23	21.91	22.05			
5	64QAM	1	0	22.16	21.95	21.88			
5	64QAM	1	12	22.17	21.82	22.04	23.5	2	
5	64QAM	1	24	22.06	22.14	21.92			
5	64QAM	12	0	21.00	20.91	20.97			
5	64QAM	12	7	21.03	21.06	21.05	22.5	3	
5	64QAM	12	13	21.14	20.96	20.95			
5	64QAM	25	0	21.09	20.97	20.95			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	24.16	24.14	23.99	25.5	0	
3	QPSK	1	8	24.05	23.99	24.16			
3	QPSK	1	14	24.05	23.85	24.05			
3	QPSK	8	0	22.97	23.23	23.13	24.5	1	
3	QPSK	8	4	23.12	23.18	23.11			
3	QPSK	8	7	23.00	22.96	23.12			
3	QPSK	15	0	23.06	23.17	22.95	24.5	1	
3	16QAM	1	0	23.03	23.04	23.22			
3	16QAM	1	8	23.21	23.04	23.20			
3	16QAM	1	14	23.25	23.08	22.93	23.5	2	
3	16QAM	8	0	22.02	22.11	22.04			
3	16QAM	8	4	22.04	22.08	22.06			
3	16QAM	8	7	22.13	22.12	22.01	23.5	2	
3	16QAM	15	0	22.17	21.87	22.00			
3	64QAM	1	0	22.04	22.04	21.92			
3	64QAM	1	8	21.96	21.81	22.16	23.5	2	
3	64QAM	1	14	22.05	22.02	21.98			
3	64QAM	8	0	20.96	20.95	21.00			
3	64QAM	8	4	20.97	21.08	20.99	22.5	3	
3	64QAM	8	7	21.19	21.04	20.95			
3	64QAM	15	0	21.02	20.91	21.03			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	24.02	24.00	23.93	25.5	0	
1.4	QPSK	1	3	24.00	23.79	23.84			
1.4	QPSK	1	5	23.81	23.83	23.90			
1.4	QPSK	3	0	23.93	23.99	23.72	24.5	1	
1.4	QPSK	3	1	23.99	23.64	23.74			
1.4	QPSK	3	3	23.73	23.66	23.90			
1.4	QPSK	6	0	22.80	22.91	22.89	23.5	1	
1.4	16QAM	1	0	22.92	22.98	23.10			
1.4	16QAM	1	3	23.21	22.98	23.19			
1.4	16QAM	1	5	22.95	22.93	22.94	23.5	1	
1.4	16QAM	3	0	22.76	22.94	23.04			
1.4	16QAM	3	1	23.04	22.89	23.09			
1.4	16QAM	3	3	22.84	22.74	22.74	23.5	2	
1.4	16QAM	6	0	22.19	21.91	21.86			
1.4	64QAM	1	0	22.07	22.00	21.84			
1.4	64QAM	1	3	21.93	21.76	22.08	23.5	2	
1.4	64QAM	1	5	22.06	21.99	21.96			
1.4	64QAM	3	0	21.82	21.74	21.92			
1.4	64QAM	3	1	21.94	21.79	22.03	22.5	1	
1.4	64QAM	3	3	22.10	21.92	22.03			
1.4	64QAM	6	0	20.92	20.76	21.01			

Band 7 Ant1 DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.04	22.35	21.91	23.5	0	
20	QPSK	1	49	22.12	22.29	22.05			
20	QPSK	1	99	22.18	22.05	21.98			
20	QPSK	50	0	22.06	22.21	22.02	23.5	0	
20	QPSK	50	24	22.15	22.18	21.94			
20	QPSK	50	50	22.00	22.12	21.92			
20	QPSK	100	0	22.02	22.19	21.92	23.5	0	
20	16QAM	1	0	22.07	22.10	21.99			
20	16QAM	1	49	22.23	22.16	21.95			
20	16QAM	1	99	22.08	22.10	22.15	23.5	0	
20	16QAM	50	0	22.27	22.03	22.24			
20	16QAM	50	24	22.23	22.14	21.80			
20	16QAM	50	50	22.27	22.11	21.98	23.5	0	
20	16QAM	100	0	22.19	22.13	22.06			
20	64QAM	1	0	22.02	22.20	22.09			
20	64QAM	1	49	22.10	22.18	21.83	23.5	0	
20	64QAM	1	99	22.04	22.07	22.07			
20	64QAM	50	0	21.65	21.80	21.57			
20	64QAM	50	24	21.75	21.62	21.51	22.5	1	
20	64QAM	50	50	21.48	21.46	21.61			
20	64QAM	100	0	21.80	21.64	21.67			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.98	22.10	21.80	23.5	0	
15	QPSK	1	37	22.09	22.25	21.95			
15	QPSK	1	74	22.12	22.08	22.04			
15	QPSK	36	0	22.25	21.92	21.95	23.5	0	
15	QPSK	36	20	22.12	22.08	21.77			
15	QPSK	36	39	22.13	22.15	21.90			
15	QPSK	75	0	22.05	22.04	21.99	23.5	0	
15	16QAM	1	0	22.05	22.28	21.90			
15	16QAM	1	37	22.23	22.21	21.89			
15	16QAM	1	74	22.07	21.98	21.88	23.5	0	
15	16QAM	36	0	22.01	21.98	22.12			
15	16QAM	36	20	22.20	22.10	21.99			
15	16QAM	36	39	22.11	21.94	21.79	23.5	0	
15	16QAM	75	0	22.03	22.12	22.03			
15	64QAM	1	0	22.02	22.07	21.82			
15	64QAM	1	37	21.90	22.14	21.90	23.5	0	
15	64QAM	1	74	22.07	22.10	22.14			
15	64QAM	36	0	21.63	21.71	21.74			
15	64QAM	36	20	21.74	21.52	21.45	22.5	1	
15	64QAM	36	39	21.45	21.32	21.61			
15	64QAM	75	0	21.72	21.66	21.48			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.00	22.14	21.78	23.5	0	
10	QPSK	1	25	21.95	22.26	22.02			
10	QPSK	1	49	22.16	21.85	21.80			
10	QPSK	25	0	22.28	22.16	22.27	23.5	0	
10	QPSK	25	12	22.16	22.06	22.00			
10	QPSK	25	25	21.97	22.17	22.01			
10	QPSK	50	0	22.05	22.12	21.97	23.5	0	
10	16QAM	1	0	22.07	22.08	21.86			
10	16QAM	1	25	22.26	22.20	21.90			
10	16QAM	1							



Band 38 Ant1 DS12										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	24.14	24.30	24.18	25.5	0		
20	QPSK	1	49	24.03	23.89	24.12				
20	QPSK	1	99	24.14	24.01	23.96				
20	QPSK	50	0	23.01	23.29	22.95	24.5	1		
20	QPSK	50	24	23.27	23.15	23.17				
20	QPSK	50	50	23.21	23.18	23.04				
20	QPSK	100	0	23.06	23.20	22.98	24.5	1		
20	16QAM	1	0	23.37	23.26	23.16				
20	16QAM	1	49	23.33	23.30	23.59				
20	16QAM	1	99	23.41	23.28	23.27	23.5	2		
20	16QAM	50	0	22.16	22.19	22.33				
20	16QAM	50	24	22.22	22.26	22.24				
20	16QAM	50	50	22.15	22.27	22.12	23.5	2		
20	16QAM	100	0	22.10	22.12	22.04				
20	64QAM	1	0	22.29	22.16	22.15				
20	64QAM	1	49	22.33	22.40	22.24	23.5	2		
20	64QAM	1	99	22.22	22.26	22.29				
20	64QAM	50	0	21.05	21.08	21.09				
20	64QAM	50	24	21.32	21.22	21.28	22.5	3		
20	64QAM	50	50	21.10	21.09	21.18				
20	64QAM	100	0	21.22	21.11	21.12				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2615				
15	QPSK	1	0	24.03	24.28	24.14	25.5	0		
15	QPSK	1	37	24.13	24.10	24.23				
15	QPSK	1	74	24.16	23.95	24.18				
15	QPSK	36	0	23.19	23.34	23.13	24.5	1		
15	QPSK	36	20	23.39	23.22	23.37				
15	QPSK	36	39	23.41	23.16	23.29				
15	QPSK	75	0	23.27	23.23	23.32	24.5	1		
15	16QAM	1	0	23.53	23.60	23.60				
15	16QAM	1	37	23.75	23.66	23.58				
15	16QAM	1	74	23.54	23.46	23.58	23.5	2		
15	16QAM	36	0	22.22	22.28	22.23				
15	16QAM	36	20	22.47	22.59	22.62				
15	16QAM	36	39	22.34	22.26	22.37	23.5	2		
15	16QAM	75	0	22.40	22.33	22.35				
15	64QAM	1	0	22.27	22.46	22.50				
15	64QAM	1	37	22.39	22.53	22.36	23.5	2		
15	64QAM	1	74	22.49	22.32	22.42				
15	64QAM	36	0	21.21	21.26	21.37				
15	64QAM	36	20	21.46	21.26	21.34	22.5	3		
15	64QAM	36	39	21.22	21.42	21.25				
15	64QAM	75	0	21.37	21.45	21.15				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	23.87	24.02	23.77	25.5	0		
10	QPSK	1	25	24.00	23.85	23.92				
10	QPSK	1	49	24.21	23.93	23.90				
10	QPSK	25	0	22.83	23.04	22.76	24.5	1		
10	QPSK	25	12	23.13	23.34	23.00				
10	QPSK	25	25	22.96	23.04	22.99				
10	QPSK	50	0	23.08	23.02	22.95	24.5	1		
10	16QAM	1	0	23.24	23.30	23.32				
10	16QAM	1	25	23.47	23.48	23.39				
10	16QAM	1	49	23.33	23.26	23.17	23.5	2		
10	16QAM	25	0	22.12	22.12	22.21				
10	16QAM	25	12	22.23	22.33	22.27				
10	16QAM	25	25	22.15	22.36	22.13	23.5	2		
10	16QAM	50	0	22.17	22.08	22.09				
10	64QAM	1	0	22.07	22.16	22.06				
10	64QAM	1	25	22.33	22.31	22.22	23.5	2		
10	64QAM	1	49	22.07	22.27	22.32				
10	64QAM	25	0	20.97	21.08	20.89				
10	64QAM	25	12	21.18	21.11	21.33	22.5	3		
10	64QAM	25	25	20.99	20.92	21.12				
10	64QAM	50	0	21.30	21.13	21.06				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	24.06	24.21	24.08	25.5	0		
5	QPSK	1	12	24.16	24.05	24.22				
5	QPSK	1	24	24.04	24.14	24.02				
5	QPSK	12	0	23.06	23.21	23.03	24.5	1		
5	QPSK	12	7	23.19	23.30	23.18				
5	QPSK	12	13	23.23	23.18	23.11				
5	QPSK	25	0	23.15	23.05	23.26	24.5	1		
5	16QAM	1	0	23.42	23.41	23.30				
5	16QAM	1	12	23.52	23.43	23.54				
5	16QAM	1	24	23.41	23.40	23.46	23.5	2		
5	16QAM	12	0	22.15	22.35	22.25				
5	16QAM	12	7	22.40	22.31	22.33				
5	16QAM	12	13	22.33	22.37	22.24	23.5	2		
5	16QAM	25	0	22.45	22.19	22.22				
5	64QAM	1	0	22.38	22.32	22.30				
5	64QAM	1	12	22.57	22.69	22.42	23.5	2		
5	64QAM	1	24	22.37	22.25	22.20				
5	64QAM	12	0	21.07	21.23	21.27				
5	64QAM	12	7	21.46	21.24	21.35	22.5	3		
5	64QAM	12	13	21.26	21.14	21.04				
5	64QAM	25	0	21.17	21.22	21.20				

Band 41 Ant1 DS12												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2508	2549.5	2593	2636.5	2680				
20	QPSK	1	0	24.01	24.18	24.31	24.14	24.11	25.5	0		
20	QPSK	1	49	24.13	24.12	24.11	24.19	23.95				
20	QPSK	1	99	24.06	24.01	24.06	24.11	24.22				
20	QPSK	50	0	23.12	23.04	23.30	23.25	23.06	24.5	1		
20	QPSK	50	24	23.26	23.17	23.07	23.29	23.12				
20	QPSK	50	50	23.06	23.19	23.19	23.01	23.00				
20	QPSK	100	0	23.03	23.00	23.18	23.11	23.12	24.5	1		
20	16QAM	1	0	23.50	23.13	23.44	23.22	23.26				
20	16QAM	1	49	23.27	23.17	23.16	23.28	23.55				
20	16QAM	1	99	23.41	23.32	23.53	23.27	23.33	23.5	2		
20	16QAM	50	0	22.18	22.11	22.17	22.37	22.23				
20	16QAM	50	24	22.13	22.24	22.34	22.23	22.32				
20	16QAM	50	50	22.22	22.40	22.29	22.14	22.29	23.5	2		
20	16QAM	100	0	22.16	22.18	22.30	22.24	22.01				
20	64QAM	1	0	22.20	22.24	22.30	22.32	22.40				
20	64QAM	1	49	22.33	22.44	22.59	23.35	22.46	23.5	2		
20	64QAM	1	99	22.38	22.30	22.50	22.31	22.37				
20	64QAM	50	0	21.12	21.16	21.21	21.07	21.26				
20	64QAM	50	24	21.19	21.07	21.34	21.30	21.32	22.5	3		
20	64QAM	50	50	21.09	21.09	21.30	21.11	21.15				
20	64QAM	100	0	20.99	20.95	21.21	21.02	21.16				
Channel				39725	40173	40620	41058	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5				
15	QPSK	1	0	23.85	23.88	24.16	23.91	23.98	25.5	0		
15	QPSK	1	37	24.05	24.07	24.00	24.01	23.88				
15	QPSK	1	74	23.91	23.99	23.87	23.89	23.94				
15	QPSK	36	0	22.92	22.87	23.10	23.12	22.96	24.5	1		
15	QPSK	36	20	23.15	23.03	23.02	23.05	22.89				
15	QPSK	36	39	22.95	23.16	23.12	22.89	22.75				
15	QPSK	75	0	21.99	21.96	22.69	23.07	23.14	24.5	1		
15	16QAM	1	0	23.43	23.02	23.27	23.31	23.11				
15	16QAM	1	37	23.25	22.99	23.14	23.20	23.44				
15	16QAM	1	74	23.26	23.03	23.22	23.44	23.16	23.5	2		
15	16QAM	36	0	21.90	22.02	22.32	22.16	22.01				
15	16QAM	36	20	22.05	22.32	22.19	22.28	22.26				
15	16QAM	36	39	22.13	22.10	22.24	21.95	22.03	23			

GSM850 Ant 2 DS12

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		129	188	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.26	32.33	32.21	33.50	23.26	23.33	23.21	24.50
GPRS 1 Tx slot	32.34	32.38	32.29	33.50	23.34	23.38	23.29	24.50
GPRS 2 Tx slots	30.17	30.11	30.02	31.00	24.17	24.11	24.02	25.00
GPRS 3 Tx slots	28.40	28.43	28.30	29.50	24.14	24.17	24.04	25.24
GPRS 4 Tx slots	26.46	26.44	26.33	27.50	23.46	23.44	23.33	24.50
EDGE 1 Tx slot	27.06	27.30	27.39	28.00	18.06	18.30	18.39	19.00
EDGE 2 Tx slots	24.55	24.78	24.88	25.50	18.55	18.78	18.88	19.50
EDGE 3 Tx slots	22.84	23.03	23.19	24.00	18.58	18.77	18.93	19.74
EDGE 4 Tx slots	21.56	21.73	21.93	22.50	18.56	18.73	18.93	19.50

WCDMA V Ant 2 DS12

Band TX Channel	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	838.4	848.8	
3GPP Rel 99 AMR 12.2kbps	24.44	24.50	24.48	25.50
3GPP Rel 99 BMC 12.2kbps	24.56	24.59	24.53	25.50
3GPP Rel 6 HSDPA Subtest-1	23.56	23.49	23.58	24.50
3GPP Rel 6 HSDPA Subtest-2	23.49	23.38	23.42	24.50
3GPP Rel 6 HSDPA Subtest-3	23.01	22.90	22.94	24.50
3GPP Rel 6 HSDPA Subtest-4	23.03	22.90	22.92	24.50
3GPP Rel 8 DC-HSDPA Subtest-1	23.45	23.53	23.69	25.00
3GPP Rel 8 DC-HSDPA Subtest-2	23.51	23.49	23.32	25.00
3GPP Rel 8 DC-HSDPA Subtest-3	22.97	22.97	22.85	24.50
3GPP Rel 8 DC-HSDPA Subtest-4	22.91	23.00	23.01	24.50
3GPP Rel 6 HSUPA Subtest-1	21.52	21.43	21.49	23.00
3GPP Rel 6 HSUPA Subtest-2	21.49	21.43	21.40	23.00
3GPP Rel 6 HSUPA Subtest-3	22.52	22.38	22.48	24.00
3GPP Rel 6 HSUPA Subtest-4	20.97	20.90	20.95	22.50
3GPP Rel 6 HSUPA Subtest-5	22.37	22.37	22.37	24.00

Band 5 Ant2 DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	24.33	24.46	24.30	25.5	0	
10	QPSK	1	25	24.34	24.36	24.40			
10	QPSK	1	49	24.32	24.34	24.34			
10	QPSK	25	0	23.37	23.44	23.28	24.5	1	
10	QPSK	25	12	23.34	23.42	23.37			
10	QPSK	25	25	23.41	23.36	23.39			
10	QPSK	50	0	23.34	23.43	23.41	24.5	1	
10	16QAM	1	0	23.56	23.53	23.53			
10	16QAM	1	25	23.64	23.60	23.59			
10	16QAM	1	49	23.52	23.56	23.45	23.5	2	
10	16QAM	25	0	22.40	22.23	22.40			
10	16QAM	25	12	22.39	22.37	22.45			
10	16QAM	25	25	22.42	22.32	22.30	23.5	2	
10	16QAM	50	0	22.44	22.31	22.38			
10	64QAM	1	0	22.48	22.43	22.38			
10	64QAM	1	25	22.54	22.48	22.48	23.5	2	
10	64QAM	1	49	22.43	22.46	22.39			
10	64QAM	25	0	21.40	21.23	21.39			
10	64QAM	25	12	21.40	21.37	21.43	22.5	3	
10	64QAM	25	25	21.41	21.31	21.31			
10	64QAM	50	0	21.41	21.29	21.37			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	24.10	24.28	24.33	25.5	0	
5	QPSK	1	12	24.23	24.34	24.31			
5	QPSK	1	24	24.21	24.21	24.21			
5	QPSK	12	0	23.29	23.24	23.29	24.5	1	
5	QPSK	12	7	23.33	23.34	23.29			
5	QPSK	12	13	23.21	23.28	23.37			
5	QPSK	25	0	23.28	23.26	23.28	24.5	1	
5	16QAM	1	0	23.35	23.33	23.36			
5	16QAM	1	12	23.49	23.46	23.18			
5	16QAM	1	24	23.24	23.26	23.30	23.5	2	
5	16QAM	12	0	22.31	22.19	22.21			
5	16QAM	12	7	22.30	22.34	22.33			
5	16QAM	12	13	22.19	22.19	22.27	23.5	2	
5	16QAM	25	0	22.33	22.11	22.19			
5	64QAM	1	0	22.28	22.11	22.17			
5	64QAM	1	12	22.24	22.40	22.39	23.5	2	
5	64QAM	1	24	22.33	22.29	22.28			
5	64QAM	12	0	21.13	21.22	21.25			
5	64QAM	12	7	21.32	21.32	21.30	22.5	3	
5	64QAM	12	13	21.19	21.21	21.20			
5	64QAM	25	0	21.26	21.26	21.33			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	847.5			
3	QPSK	1	0	23.94	23.96	23.89	25.5	0	
3	QPSK	1	8	24.26	23.97	24.05			
3	QPSK	1	14	24.14	23.93	23.99			
3	QPSK	8	0	23.18	23.10	23.13	24.5	1	
3	QPSK	8	4	23.18	23.21	23.27			
3	QPSK	8	7	23.12	23.12	23.19			
3	QPSK	15	0	23.19	23.10	23.13	24.5	1	
3	16QAM	1	0	23.15	22.93	23.14			
3	16QAM	1	8	23.17	22.82	23.04			
3	16QAM	1	14	23.16	23.11	22.86	23.5	2	
3	16QAM	8	0	22.13	22.20	22.16			
3	16QAM	8	4	22.28	22.27	22.17			
3	16QAM	8	7	22.29	22.18	22.12	23.5	2	
3	16QAM	15	0	22.13	22.11	22.14			
3	64QAM	1	0	22.15	21.98	21.76			
3	64QAM	1	8	21.92	22.12	22.01	23.5	2	
3	64QAM	1	14	22.05	21.98	21.97			
3	64QAM	8	0	21.17	21.19	21.06			
3	64QAM	8	4	21.18	21.19	21.21	22.5	3	
3	64QAM	8	7	21.10	21.03	21.18			
3	64QAM	15	0	21.06	21.19	21.08			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	24.13	24.11	24.10	25.5	0	
1.4	QPSK	1	3	24.25	24.21	24.28			
1.4	QPSK	1	5	24.20	24.12	24.18			
1.4	QPSK	3	0	24.18	24.05	24.08	24.5	1	
1.4	QPSK	3	1	24.24	24.14	24.17			
1.4	QPSK	3	3	24.23	24.18	24.18			
1.4	QPSK	6	0	23.29	23.28	23.28	24.5	1	
1.4	16QAM	1	0	23.33	23.39	23.34			
1.4	16QAM	1	3	23.14	23.18	23.14			
1.4	16QAM	1	5	23.24	23.17	23.26	24.5	1	
1.4	16QAM	3	0	23.25	23.01	23.05			
1.4	16QAM	3	1	23.19	23.03	22.98			
1.4	16QAM	3	3	23.12	23.08	23.07	23.5	2	
1.4	16QAM	6	0	22.19	22.26	22.34			
1.4	64QAM	1	0	22.10	22.10	22.05			
1.4	64QAM	1	3	22.02	22.06	22.10	23.5	2	
1.4	64QAM	1	5	22.11	21.95	21.89			
1.4	64QAM	3	0	22.18	22.24	22.12			
1.4	64QAM	3	1	22.06	21.99	22.10	22.5	3	
1.4	64QAM	3	3	22.15	22.21	22.11			
1.4	64QAM	6	0	21.20	21.22	21.14			

Band 7 Ant2 DSI2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.60	22.82	22.66	24	0	
20	QPSK	1	49	22.53	22.61	22.56			
20	QPSK	1	99	22.71	22.59	22.51			
20	QPSK	50	0	22.60	22.68	22.66	24	0	
20	QPSK	50	24	22.56	22.63	22.56			
20	QPSK	50	50	22.52	22.67	22.62			
20	QPSK	100	0	22.62	22.67	22.57	24	0	
20	16QAM	1	0	22.64	22.61	22.72			
20	16QAM	1	49	22.47	22.61	22.72			
20	16QAM	1	99	22.58	22.60	22.51	23.5	0.5	
20	16QAM	50	0	22.09	22.23	22.17			
20	16QAM	50	24	22.01	22.19	22.05			
20	16QAM	50	50	22.11	21.96	22.09	23.5	0.5	
20	16QAM	100	0	21.97	22.15	22.12			
20	64QAM	1	0	22.09	22.07	21.87			
20	64QAM	1	49	22.02	22.06	22.09	23.5	0.5	
20	64QAM	1	99	21.97	22.24	22.02			
20	64QAM	50	0	21.19	21.22	21.12			
20	64QAM	50	24	21.12	21.27	21.17	22.5	1.5	
20	64QAM	50	50	21.17	21.07	21.12			
20	64QAM	100	0	21.02	21.01	21.07			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.52	22.62	22.63	24	0	
15	QPSK	1	37	22.54	22.49	22.47			
15	QPSK	1	74	22.50	22.52	22.43			
15	QPSK	36	0	22.60	22.57	22.50	24	0	
15	QPSK	36	20	22.36	22.56	22.58			
15	QPSK	36	39	22.40	22.47	22.49			
15	QPSK	75	0	22.50	22.58	22.39	24	0	
15	16QAM	1	0	22.46	22.43	22.85			
15	16QAM	1	37	22.27	22.52	22.81			
15	16QAM	1	74	22.52	22.56	22.40	23.5	0.5	
15	16QAM	36	0	22.03	22.15	22.00			
15	16QAM	36	20	21.88	22.14	22.05			
15	16QAM	36	39	22.00	21.75	22.05	23.5	0.5	
15	16QAM	75	0	21.89	21.94	22.07			
15	64QAM	1	0	21.84	21.89	21.86			
15	64QAM	1	37	21.64	21.82	21.97	23.5	0.5	
15	64QAM	1	74	21.90	22.21	21.91			
15	64QAM	36	0	21.05	21.03	21.04			
15	64QAM	36	20	20.99	21.07	20.96	22.5	1.5	
15	64QAM	36	39	21.01	20.98	20.98			
15	64QAM	75	0	20.84	20.89	20.85			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.38	22.63	22.62	24	0	
10	QPSK	1	25	22.49	22.63	22.36			
10	QPSK	1	49	22.53	22.49	22.31			
10	QPSK	25	0	22.60	22.69	22.66	24	0	
10	QPSK	25	12	22.58	22.45	22.36			
10	QPSK	25	25	22.53	22.53	22.43			
10	QPSK	50	0	22.45	22.59	22.56	24	0	
10	16QAM	1	0	22.58	22.55	22.53			
10	16QAM	1	25	22.33	22.52	22.72			
10	16QAM	1							

Band 38 Ant2 DSI2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	24.23	24.27	23.98	25.5	0		
20	QPSK	1	49	24.17	24.26	24.23				
20	QPSK	1	99	24.12	24.06	24.10				
20	QPSK	50	0	23.06	23.21	23.05	24.5	1		
20	QPSK	50	24	23.17	23.12	23.08				
20	QPSK	50	50	23.16	23.13	23.13				
20	QPSK	100	0	23.13	23.15	23.14	24.5	1		
20	16QAM	1	0	23.11	23.04	23.05				
20	16QAM	1	49	23.31	23.14	23.29				
20	16QAM	1	99	23.15	23.12	23.14	23.5	2		
20	16QAM	50	0	22.20	22.21	22.20				
20	16QAM	50	24	22.34	22.33	22.32				
20	16QAM	50	50	22.28	22.28	22.25	23.5	2		
20	16QAM	100	0	22.23	22.17	22.22				
20	84QAM	1	0	21.88	21.99	21.82				
20	84QAM	1	49	22.10	22.07	22.07	23.5	2		
20	84QAM	1	99	21.93	21.98	21.91				
20	84QAM	50	0	21.13	21.16	21.12				
20	84QAM	50	24	21.27	21.26	21.26	22.5	3		
20	84QAM	50	50	21.21	21.20	21.18				
20	84QAM	100	0	21.26	21.23	21.29				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	24.13	24.09	23.85	25.5	0		
15	QPSK	1	37	23.97	24.11	24.01				
15	QPSK	1	74	24.13	23.90	23.89				
15	QPSK	36	0	22.97	23.15	23.04	24.5	1		
15	QPSK	36	20	23.01	23.02	22.89				
15	QPSK	36	39	23.09	23.05	22.91				
15	QPSK	75	0	23.13	23.12	22.99	24.5	1		
15	16QAM	1	0	23.08	23.02	23.01				
15	16QAM	1	37	23.27	23.10	23.23				
15	16QAM	1	74	23.12	22.91	22.99	23.5	2		
15	16QAM	36	0	22.10	22.06	22.05				
15	16QAM	36	20	22.14	22.29	22.31				
15	16QAM	36	39	22.15	22.15	22.26	23.5	2		
15	16QAM	75	0	22.23	22.16	22.19				
15	84QAM	1	0	21.74	21.91	21.81				
15	84QAM	1	37	21.95	22.06	21.86	23.5	2		
15	84QAM	1	74	21.90	21.77	21.75				
15	84QAM	36	0	21.09	21.15	21.13				
15	84QAM	36	20	21.18	21.16	21.11	22.5	3		
15	84QAM	36	39	21.18	21.04	21.02				
15	84QAM	75	0	21.26	21.02	21.30				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	24.00	24.05	23.83	25.5	0		
10	QPSK	1	25	24.01	24.07	24.17				
10	QPSK	1	49	23.92	23.86	23.85				
10	QPSK	25	0	22.88	23.11	23.01	24.5	1		
10	QPSK	25	12	22.94	23.05	22.94				
10	QPSK	25	25	22.92	23.01	22.92				
10	QPSK	50	0	22.96	23.04	22.87	24.5	1		
10	16QAM	1	0	22.93	22.82	22.92				
10	16QAM	1	25	23.09	22.97	23.23				
10	16QAM	1	49	22.97	23.06	23.04	23.5	2		
10	16QAM	25	0	22.11	22.02	22.01				
10	16QAM	25	12	22.23	22.26	22.19				
10	16QAM	25	25	22.12	22.20	22.20	23.5	2		
10	16QAM	50	0	22.20	21.98	22.02				
10	84QAM	1	0	21.80	21.85	21.58				
10	84QAM	1	25	21.87	21.83	21.89	23.5	2		
10	84QAM	1	49	21.84	21.91	21.85				
10	84QAM	25	0	20.97	20.96	20.93				
10	84QAM	25	12	21.15	21.22	21.07	22.5	3		
10	84QAM	25	25	20.95	21.05	21.10				
10	84QAM	50	0	21.11	20.97	21.25				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	24.03	24.07	23.79	25.5	0		
5	QPSK	1	12	23.98	24.01	24.05				
5	QPSK	1	24	23.93	23.85	23.93				
5	QPSK	12	0	22.76	22.92	22.75	24.5	1		
5	QPSK	12	7	22.94	23.00	22.91				
5	QPSK	12	13	22.92	22.91	22.86				
5	QPSK	25	0	22.94	23.05	22.85	24.5	1		
5	16QAM	1	0	22.94	22.79	22.83				
5	16QAM	1	12	23.17	22.89	23.06				
5	16QAM	1	24	22.90	22.89	22.94	24.5	1		
5	16QAM	12	0	21.95	22.06	22.04				
5	16QAM	12	7	22.11	22.19	22.16				
5	16QAM	12	13	22.05	21.97	21.93	23.5	2		
5	16QAM	25	0	21.98	21.93	21.99				
5	84QAM	1	0	21.69	21.90	21.73				
5	84QAM	1	12	21.94	21.76	21.88	23.5	2		
5	84QAM	1	24	21.74	21.80	21.78				
5	84QAM	12	0	20.97	21.01	20.98				
5	84QAM	12	7	20.99	20.99	21.11	22.5	3		
5	84QAM	12	13	21.06	20.99	21.09				
5	84QAM	25	0	21.16	20.95	21.18				

Band 41 Ant2 DSI2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				40140	40390	40640	40890	41140				
Frequency (MHz)				2545	2570	2595	2620	2645				
20	QPSK	1	0	24.28	24.21	24.34	24.22	24.31	25.5	0		
20	QPSK	1	49	24.33	24.19	24.09	24.23	24.33				
20	QPSK	1	99	24.07	24.13	24.07	24.16	24.09				
20	QPSK	50	0	23.12	22.99	23.25	23.10	23.19	24.5	1		
20	QPSK	50	24	23.18	23.10	23.00	23.15	23.23				
20	QPSK	50	50	23.23	23.05	23.00	23.03	23.12				
20	QPSK	100	0	23.22	23.03	23.23	23.14	23.09	24.5	1		
20	16QAM	1	0	23.27	22.98	23.19	23.06	23.12				
20	16QAM	1	49	23.24	23.14	23.13	23.27	23.31				
20	16QAM	1	99	23.14	23.24	22.98	23.09	23.07	23.5	2		
20	16QAM	50	0	22.22	22.08	22.05	22.19	22.32				
20	16QAM	50	24	22.35	22.19	22.13	22.29	22.37				
20	16QAM	50	50	22.35	22.19	22.15	22.19	22.24	23.5	2		
20	16QAM	100	0	22.23	22.12	22.07	22.21	22.30				
20	84QAM	1	0	22.43	22.40	22.36	22.48	22.39				
20	84QAM	1	49	22.67	22.51	22.41	22.57	22.65	23.5	2		
20	84QAM	1	99	22.41	22.37	22.49	22.39	22.37				
20	84QAM	50	0	21.66	21.51	21.47	21.64	21.75				
20	84QAM	50	24	21.79	21.65	21.58	21.73	21.80	22.5	3		
20	84QAM	50	50	21.77	21.63	21.58	21.61	21.68				
20	84QAM	100	0	21.80	21.65	21.61	21.73	21.85				
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	24.27	24.17	24.24	24.03	24.26	25.5	0		
15	QPSK	1	37	24.17	24.03	23.90	24.17	24.20				
15	QPSK	1	74	24.04	24.08	23.88	24.12	24.03				
15	QPSK	36	0	23.11	22.85	23.20	23.09	23.07	24.5	1		
15	QPSK	36	20	23.10	23.10	22.97	23.01	23.20				
15	QPSK	36	39	23.15	22.85	22.89	22.84	22.92				
15	QPSK	75	0	23.17	22.88	23.06	23.04	23.08	24.5	1		
15	16QAM	1	0	23.24	22.87	23.17	22.95	22.98				
15	16QAM	1	37	23.06	22.99	23.11	23.25	23.14				
15	16QAM	1	74	23.11	23.16	22.89	22.93	23.02	23.5	2		
15	16QAM	36	0	22.22	22.01	21.91	22.07	22.12				
15	16QAM	36	20	22.26	22.13	22.02	22.13	22.27				
15	16QAM	36	39	22.20	22.12	22.11	22.12	22.19	23.5			



### Reduced Power Mode for DSI4

GSM850 Ant 1 DSI4									
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	128	189	251		128	189	251		
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6		
GSM 1 Tx slot	32.05	32.09	32.03	33.50	23.05	23.09	23.03	24.50	
GPRS 1 Tx slot	32.15	32.18	32.16	33.50	23.15	23.18	23.16	24.50	
GPRS 2 Tx slots	30.03	30.04	29.99	31.00	24.03	24.04	23.99	25.00	
GPRS 3 Tx slots	28.33	28.34	28.31	29.50	24.07	24.08	24.05	25.24	
GPRS 4 Tx slots	26.44	26.46	26.39	27.50	23.44	23.46	23.39	24.50	
EDGE 1 Tx slot	26.75	27.03	27.08	28.00	17.75	18.03	18.08	19.00	
EDGE 2 Tx slots	24.21	24.50	24.57	25.50	18.21	18.50	18.57	19.50	
EDGE 3 Tx slots	22.57	22.81	22.89	24.00	18.31	18.55	18.63	19.74	
EDGE 4 Tx slots	21.21	21.43	21.56	22.50	18.21	18.43	18.56	19.50	

WCDMA V Ant 1 DSI4				
Band	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
TX Channel	4132	4182	4233	
Rx Channel	4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	24.33	24.43	24.23	25.50
3GPP Rel 99 RMC 12.2Kbps	24.43	24.55	24.33	25.50
3GPP Rel 6 HSDPA Subtest-1	23.62	23.61	23.66	24.50
3GPP Rel 6 HSDPA Subtest-2	23.53	23.56	23.58	24.50
3GPP Rel 6 HSDPA Subtest-3	23.03	23.06	23.11	24.50
3GPP Rel 6 HSDPA Subtest-4	23.05	23.06	23.09	24.50
3GPP Rel 6 DC-HSDPA Subtest-1	23.54	23.72	23.70	25.00
3GPP Rel 6 DC-HSDPA Subtest-2	23.52	23.45	23.57	25.00
3GPP Rel 6 DC-HSDPA Subtest-3	22.96	22.98	23.11	24.50
3GPP Rel 6 DC-HSDPA Subtest-4	22.95	22.99	23.14	24.50
3GPP Rel 6 HSUPA Subtest-1	21.66	21.52	21.66	23.00
3GPP Rel 6 HSUPA Subtest-2	21.56	21.48	21.63	23.00
3GPP Rel 6 HSUPA Subtest-3	22.63	22.56	22.63	24.00
3GPP Rel 6 HSUPA Subtest-4	21.03	20.99	21.10	22.50
3GPP Rel 6 HSUPA Subtest-5	22.50	22.40	22.50	24.00



Band 5 Ant1 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.25	23.27	23.19	24.5	0	
10	QPSK	1	25	23.12	23.08	23.15			
10	QPSK	1	49	23.14	23.10	23.11			
10	QPSK	25	0	23.21	23.25	23.18			
10	QPSK	25	12	23.02	23.17	23.13	24.5	0	
10	QPSK	25	25	23.05	23.05	23.07			
10	QPSK	50	0	23.16	23.19	23.11			
10	16QAM	1	0	23.10	23.00	23.20			
10	16QAM	1	25	23.16	23.13	23.18	24.5	0	
10	16QAM	1	49	23.11	23.07	22.96			
10	16QAM	25	0	22.05	21.95	21.98			
10	16QAM	25	12	22.06	22.02	22.16	23.5	1	
10	16QAM	25	25	22.13	22.11	21.87			
10	16QAM	50	0	22.15	21.88	21.93			
10	64QAM	1	0	22.06	22.09	21.94			
10	64QAM	1	25	21.98	21.97	22.03	23.5	1	
10	64QAM	1	49	22.12	22.14	22.04			
10	64QAM	25	0	21.07	20.79	20.95			
10	64QAM	25	12	21.00	21.04	21.11			
10	64QAM	25	25	21.12	21.08	20.96	22.5	2	
10	64QAM	50	0	20.95	20.83	20.97			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.21	23.24	23.08	24.5	0	
5	QPSK	1	12	23.06	22.89	23.03			
5	QPSK	1	24	22.98	23.03	22.99			
5	QPSK	12	0	22.98	22.99	22.93			
5	QPSK	12	7	22.82	22.99	23.00	24.5	0	
5	QPSK	12	13	22.94	22.95	22.91			
5	QPSK	25	0	22.86	22.99	23.03			
5	16QAM	1	0	22.98	22.96	23.12			
5	16QAM	1	12	23.03	23.09	23.08	24.5	0	
5	16QAM	1	24	22.96	22.88	22.93			
5	16QAM	12	0	22.03	21.77	21.87			
5	16QAM	12	7	22.03	21.82	22.01	23.5	1	
5	16QAM	12	13	22.11	22.08	21.67			
5	16QAM	25	0	22.13	21.74	21.89			
5	64QAM	1	0	22.04	22.01	21.83			
5	64QAM	1	12	21.93	21.95	22.02	23.5	1	
5	64QAM	1	24	22.03	22.10	21.94			
5	64QAM	12	0	21.05	20.68	20.76			
5	64QAM	12	7	21.00	20.96	20.97			
5	64QAM	12	13	20.96	21.00	20.88	22.5	2	
5	64QAM	25	0	20.94	20.67	20.83			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.22	23.25	23.06	24.5	0	
3	QPSK	1	8	23.04	23.07	22.95			
3	QPSK	1	14	23.01	22.95	23.09			
3	QPSK	8	0	23.02	23.06	22.82			
3	QPSK	8	4	22.99	22.98	22.97	24.5	0	
3	QPSK	8	7	22.86	23.01	23.06			
3	QPSK	15	0	22.83	23.04	23.04			
3	16QAM	1	0	22.92	23.00	23.08			
3	16QAM	1	8	23.16	23.05	23.07	24.5	0	
3	16QAM	1	14	23.01	23.03	22.79			
3	16QAM	8	0	22.00	21.84	21.85			
3	16QAM	8	4	21.99	22.00	22.06			
3	16QAM	8	7	21.95	22.01	21.70	23.5	1	
3	16QAM	15	0	21.96	21.79	21.74			
3	64QAM	1	0	21.91	22.00	21.83			
3	64QAM	1	8	21.94	21.89	21.95	23.5	1	
3	64QAM	1	14	21.95	22.07	21.90			
3	64QAM	8	0	20.91	20.65	20.94			
3	64QAM	8	4	20.98	21.01	20.95	22.5	2	
3	64QAM	8	7	21.03	20.96	20.90			
3	64QAM	15	0	20.77	20.67	20.88			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.14	23.25	23.17	24.5	0	
1.4	QPSK	1	3	22.97	22.97	23.02			
1.4	QPSK	1	5	22.94	22.91	22.99			
1.4	QPSK	3	0	23.07	23.07	23.12			
1.4	QPSK	3	1	23.09	22.91	23.13			
1.4	QPSK	3	3	22.98	22.99	23.05			
1.4	QPSK	6	0	23.03	23.00	22.82	24.5	0	
1.4	16QAM	1	0	22.83	23.01	23.00			
1.4	16QAM	1	3	22.90	23.01	22.87			
1.4	16QAM	1	5	22.79	22.86	22.98			
1.4	16QAM	3	0	22.99	22.98	23.05	24.5	0	
1.4	16QAM	3	1	22.98	23.13	23.18			
1.4	16QAM	3	3	22.96	22.97	22.94			
1.4	16QAM	6	0	21.91	21.92	21.81	23.5	1	
1.4	64QAM	1	0	22.05	21.98	22.06			
1.4	64QAM	1	3	21.96	22.10	21.81			
1.4	64QAM	1	5	22.13	21.69	21.77	23.5	1	
1.4	64QAM	3	0	21.97	21.94	21.83			
1.4	64QAM	3	1	21.81	21.97	21.92			
1.4	64QAM	3	3	22.07	22.00	21.91			
1.4	64QAM	6	0	20.98	20.65	20.79	22.5	2	

Band 7 Ant1 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.81	18.02	17.67	19	0	
20	QPSK	1	49	17.93	17.75	17.73			
20	QPSK	1	99	17.61	17.87	17.64			
20	QPSK	50	0	17.68	17.87	17.82			
20	QPSK	50	24	17.71	17.75	17.72	19	0	
20	QPSK	50	50	17.73	17.83	17.63			
20	QPSK	100	0	17.73	17.94	17.72			
20	16QAM	1	0	17.90	17.76	17.64			
20	16QAM	1	49	17.83	17.81	17.54	19	0	
20	16QAM	1	99	17.80	17.93	17.64			
20	16QAM	50	0	17.81	17.61	17.62			
20	16QAM	50	24	17.77	17.69	17.52	19	0	
20	16QAM	50	50	17.61	17.81	17.74			
20	16QAM	100	0	17.90	17.56	17.72			
20	64QAM	1	0	17.70	17.89	17.50			
20	64QAM	1	49	17.73	17.96	17.67	19	0	
20	64QAM	1	99	17.80	17.56	17.52			
20	64QAM	50	0	17.81	17.69	17.73			
20	64QAM	50	24	17.72	17.91	17.68	19	0	
20	64QAM	50	50	17.87	17.68	17.56			
20	64QAM	100	0	17.83	17.66	17.66			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.70	17.90	17.68	19	0	
15	QPSK	1	37	17.74	17.69	17.63			
15	QPSK	1	74	17.71	17.67	17.59			
15	QPSK	36	0	17.82	17.70	17.69	19	0	
15	QPSK	36	20	17.72	17.67	17.72			
15	QPSK	36	39	17.53	17.63	17.65			
15	QPSK	75	0	17.73	17.90	17.67			
15	16QAM	1	0	17.73	17.60	17.58			
15	16QAM	1	37	17.69	17.72	17.71	19	0	
15	16QAM	1	74	17.79	17.80	17.60			
15	16QAM	36	0	17.75	17.53	17.50			
15	16QAM	36	20	17.72	17.84	17.86	19	0	
15	16QAM	36	39	17.70	17.80	17.75			
15	16QAM	75	0	17.89	17.51	17.70			
15	64QAM	1	0	17.70	17.70	17.68			
15	64QAM	1	37	17.61	17.94	17.59	19	0	
15	64QAM	1	74	17.60	17.56	17.51			
15	64QAM	36	0	17.80	17.61	17.76			
15	64QAM	36	20	17.72	17.80	17.69	19	0	
15	64QAM	36	39	17.83	17.68	17.73			
15	64Q								



### Band 38 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.95	17.99	17.96	19.5	0
20	QPSK	1	49	17.95	17.85	17.83		
20	QPSK	1	99	17.71	17.88	17.93	19.5	0
20	QPSK	50	0	17.89	17.98	17.86		
20	QPSK	50	24	17.92	17.90	17.94	19.5	0
20	QPSK	50	50	17.91	17.72	17.82		
20	QPSK	100	0	17.86	17.97	17.83	19.5	0
20	16QAM	1	0	17.88	17.90	17.84		
20	16QAM	1	49	17.92	17.95	17.94	19.5	0
20	16QAM	1	99	17.85	17.89	17.73		
20	16QAM	50	0	17.68	17.84	17.94	19.5	0
20	16QAM	50	24	17.81	17.91	17.91		
20	16QAM	50	50	17.68	17.92	17.81	19.5	0
20	16QAM	100	0	17.71	17.77	17.92		
20	64QAM	1	0	17.93	17.89	17.87	19.5	0
20	64QAM	1	49	17.93	17.89	17.75		
20	64QAM	1	99	17.96	17.91	17.95	19.5	0
20	64QAM	50	0	17.74	17.92	17.88		
20	64QAM	50	24	17.96	17.75	17.81	19.5	0
20	64QAM	50	50	17.82	17.75	17.75		
20	64QAM	100	0	17.84	17.91	17.89		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5	19.5	0
15	QPSK	1	0	17.73	17.80	17.64		
15	QPSK	1	37	17.76	17.63	17.65	19.5	0
15	QPSK	1	74	17.59	17.73	17.73		
15	QPSK	36	0	17.75	17.73	17.63	19.5	0
15	QPSK	36	20	17.80	17.75	17.75		
15	QPSK	36	39	17.78	17.63	17.73	19.5	0
15	QPSK	75	0	17.67	17.79	17.71		
15	16QAM	1	0	17.79	17.70	17.69	19.5	0
15	16QAM	1	37	17.73	17.79	17.81		
15	16QAM	1	74	17.69	17.65	17.51	19.5	0
15	16QAM	36	0	17.50	17.65	17.81		
15	16QAM	36	20	17.59	17.71	17.76	19.5	0
15	16QAM	36	39	17.52	17.80	17.71		
15	16QAM	75	0	17.76	17.64	17.78	19.5	0
15	64QAM	1	0	17.79	17.81	17.76		
15	64QAM	1	37	17.70	17.81	17.55	19.5	0
15	64QAM	1	74	17.73	17.77	17.72		
15	64QAM	36	0	17.58	17.73	17.79	19.5	0
15	64QAM	36	20	17.74	17.80	17.60		
15	64QAM	36	39	17.73	17.67	17.80	19.5	0
15	64QAM	75	0	17.76	17.76	17.81		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615	19.5	0
10	QPSK	1	0	17.79	17.78	17.53		
10	QPSK	1	25	17.74	17.67	17.63	19.5	0
10	QPSK	1	49	17.60	17.64	17.74		
10	QPSK	25	0	17.71	17.55	17.75	19.5	0
10	QPSK	25	12	17.71	17.75	17.70		
10	QPSK	25	25	17.73	17.63	17.57	19.5	0
10	QPSK	50	0	17.72	17.80	17.64		
10	16QAM	1	0	17.71	17.68	17.76	19.5	0
10	16QAM	1	25	17.74	17.71	17.80		
10	16QAM	1	49	17.66	17.76	17.58	19.5	0
10	16QAM	25	0	17.80	17.76	17.74		
10	16QAM	25	12	17.74	17.81	17.80	19.5	0
10	16QAM	25	25	17.51	17.72	17.71		
10	16QAM	50	0	17.73	17.55	17.79	19.5	0
10	64QAM	1	0	17.78	17.65	17.68		
10	64QAM	1	25	17.79	17.71	17.66	19.5	0
10	64QAM	1	49	17.55	17.66	17.80		
10	64QAM	25	0	17.80	17.80	17.80	19.5	0
10	64QAM	25	12	17.74	17.80	17.62		
10	64QAM	25	25	17.81	17.81	17.56	19.5	0
10	64QAM	50	0	17.75	17.71	17.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5	19.5	0
5	QPSK	1	0	17.77	17.79	17.60		
5	QPSK	1	12	17.73	17.78	17.67	19.5	0
5	QPSK	1	24	17.53	17.72	17.81		
5	QPSK	12	0	17.81	17.74	17.74	19.5	0
5	QPSK	12	7	17.69	17.77	17.79		
5	QPSK	12	13	17.66	17.52	17.72	19.5	0
5	QPSK	25	0	17.61	17.53	17.61		
5	16QAM	1	0	17.64	17.81	17.65	19.5	0
5	16QAM	1	12	17.74	17.71	17.80		
5	16QAM	1	24	17.70	17.70	17.62	19.5	0
5	16QAM	12	0	17.52	17.70	17.75		
5	16QAM	12	7	17.72	17.67	17.74	19.5	0
5	16QAM	12	13	17.80	17.76	17.71		
5	16QAM	25	0	17.80	17.60	17.74	19.5	0
5	64QAM	1	0	17.81	17.66	17.73		
5	64QAM	1	12	17.75	17.66	17.55	19.5	0
5	64QAM	1	24	17.74	17.74	17.79		
5	64QAM	12	0	17.65	17.81	17.75	19.5	0
5	64QAM	12	7	17.72	17.80	17.69		
5	64QAM	12	13	17.80	17.76	17.80	19.5	0
5	64QAM	25	0	17.73	17.77	17.78		

### Band 41 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.09	18.06	18.14	18.05	18.07	19.5	0
20	QPSK	1	49	17.81	17.80	18.04	17.92	17.82		
20	QPSK	1	99	17.85	17.96	18.04	17.91	17.89	19.5	0
20	QPSK	50	0	18.03	18.07	18.11	18.04	18.02		
20	QPSK	50	24	18.05	17.72	18.01	17.93	17.76	19.5	0
20	QPSK	50	50	17.82	17.78	17.88	17.78	17.89		
20	QPSK	100	0	17.99	17.97	18.07	18.01	18.06	19.5	0
20	16QAM	1	0	18.13	17.96	18.00	17.87	17.95		
20	16QAM	1	49	18.11	17.76	17.99	17.81	18.00	19.5	0
20	16QAM	1	99	17.95	17.78	18.05	17.85	17.88		
20	16QAM	50	0	17.87	17.92	18.00	17.79	17.91	19.5	0
20	16QAM	50	24	17.97	17.98	17.90	17.86	17.74		
20	16QAM	50	50	17.75	17.97	18.02	18.04	17.93	19.5	0
20	16QAM	100	0	17.88	18.05	18.07	17.68	17.76		
20	64QAM	1	0	17.87	18.07	17.94	17.93	17.78	19.5	0
20	64QAM	1	49	17.97	17.92	18.03	17.80	17.95		
20	64QAM	1	99	17.80	18.02	18.00	17.97	17.86	19.5	0
20	64QAM	50	0	18.03	17.71	17.91	17.83	17.76		
20	64QAM	50	24	17.90	17.78	17.87	17.99	17.99	19.5	0
20	64QAM	50	50	17.89	17.93	18.00	17.76	18.00		
20	64QAM	100	0	18.01	17.94	18.02	17.91	17.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	19.50	0
15	QPSK	1	0	17.50	17.62	17.82	17.52	17.62		
15	QPSK	1	37	17.57	17.55	17.57	17.76	17.59	19.5	0
15	QPSK	1	74	17.61	17.63	17.68	17.73	17.52		
15	QPSK	36	0	17.50	17.65	17.50	17.61	17.59	19.5	0
15	QPSK	36	20	17.58	17.57	17.75	17.80	17.70		
15	QPSK	36	39	17.61	17.66	17.74	17.77	17.61	19.5	0
15	QPSK	75	0	17.63	17.74	17.72	17.73	17.58		
15	16QAM	1	0	17.68	17.55	17.75	17.62	17.55	19.5	0
15	16QAM	1	37	17.67	17.52	17.68	17.66	17.71		
15	16QAM	1	74	17.67	17.64	17.73	17.79	17.50	19.5	0
15	16QAM	36	0	17.50	17.68	17.76	17.68	17.65		
15	16QAM	36	20	17.66	17.66	17.77	17.77	17.52	19.5	0
15	16QAM	36	39	17.55	17.70	17.68	17.73	17.50		
15	16QAM	75	0	17.67	17.56	17.66	17.54	17.61	19.5	0
15	64QAM	1	0	17.59	17.74	17.70	17.73	17.71		
15	64QAM	1	37	17.64	17.54	17.65	17.68	17.53	19.5	0
15	64QAM	1	74	17.62	1					



GSM850 Ant 2 DS14

GSM850	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	32.26	32.33	32.21	33.50	23.26	23.33	23.21	24.50
GPRS 1 Tx slot	32.34	32.38	32.29	33.50	23.34	23.38	23.29	24.50
GPRS 2 Tx slots	30.17	30.11	30.02	31.00	24.17	24.11	24.02	25.00
GPRS 3 Tx slots	28.40	28.43	28.30	29.50	24.14	24.17	24.04	25.24
GPRS 4 Tx slots	26.46	26.44	26.33	27.50	23.46	23.44	23.33	24.50
EDGE 1 Tx slot	27.06	27.30	27.39	28.00	18.06	18.30	18.39	19.00
EDGE 2 Tx slots	24.55	24.78	24.88	25.50	18.55	18.78	18.88	19.50
EDGE 3 Tx slots	22.84	23.03	23.19	24.00	18.58	18.77	18.93	19.74
EDGE 4 Tx slots	21.56	21.73	21.93	22.50	18.56	18.73	18.93	19.50

WCDMA V Ant 2 DS14

Band	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
TX Channel	4337	4407	4453	
Rx Channel	4337	4407	4453	
Frequency (MHz)	826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	24.44	24.50	24.46	25.50
3GPP Rel 99 RMC 12.2Kbps	24.56	24.59	24.53	25.50
3GPP Rel 6 HSDPA Subtest-1	23.56	23.49	23.58	24.50
3GPP Rel 6 HSDPA Subtest-2	23.49	23.38	23.42	24.50
3GPP Rel 6 HSDPA Subtest-3	23.01	22.90	22.94	24.50
3GPP Rel 6 HSDPA Subtest-4	23.03	22.90	22.92	24.50
3GPP Rel 6 DC-HSDPA Subtest-1	23.45	23.53	23.69	25.00
3GPP Rel 6 DC-HSDPA Subtest-2	23.51	23.49	23.32	25.00
3GPP Rel 6 DC-HSDPA Subtest-3	22.97	22.97	22.85	24.50
3GPP Rel 6 DC-HSDPA Subtest-4	22.91	23.00	23.01	24.50
3GPP Rel 6 HSUPA Subtest-1	21.52	21.43	21.49	23.00
3GPP Rel 6 HSUPA Subtest-2	21.49	21.43	21.40	23.00
3GPP Rel 6 HSUPA Subtest-3	22.52	22.38	22.48	24.00
3GPP Rel 6 HSUPA Subtest-4	20.97	20.90	20.95	22.50
3GPP Rel 6 HSUPA Subtest-5	22.37	22.37	22.37	24.00





Band 5 Ant2 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	24.33	24.46	24.30	25.5	0	
10	QPSK	1	25	24.34	24.36	24.40			
10	QPSK	1	49	24.32	24.34	24.34			
10	QPSK	25	0	23.37	23.44	23.28			
10	QPSK	25	12	23.34	23.42	23.37			
10	QPSK	25	25	23.41	23.36	23.39	24.5	1	
10	QPSK	50	0	23.34	23.43	23.41			
10	16QAM	1	0	23.56	23.53	23.53			
10	16QAM	1	25	23.64	23.60	23.59	24.5	1	
10	16QAM	1	49	23.52	23.56	23.45			
10	16QAM	25	0	22.40	22.23	22.40			
10	16QAM	25	12	22.39	22.37	22.45	23.5	2	
10	16QAM	25	25	22.42	22.32	22.30			
10	16QAM	50	0	22.44	22.31	22.38			
10	64QAM	1	0	22.48	22.43	22.38			
10	64QAM	1	25	22.54	22.48	22.48	23.5	2	
10	64QAM	1	49	22.43	22.46	22.39			
10	64QAM	25	0	21.40	21.23	21.39			
10	64QAM	25	12	21.40	21.37	21.43			
10	64QAM	25	25	21.41	21.31	21.31	22.5	3	
10	64QAM	50	0	21.41	21.29	21.37			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	24.10	24.28	24.33	25.5	0	
5	QPSK	1	12	24.23	24.34	24.31			
5	QPSK	1	24	24.21	24.21	24.21			
5	QPSK	12	0	23.29	23.24	23.29			
5	QPSK	12	7	23.33	23.34	23.29	24.5	1	
5	QPSK	12	13	23.21	23.28	23.37			
5	QPSK	25	0	23.28	23.26	23.28			
5	16QAM	1	0	23.35	23.33	23.36	24.5	1	
5	16QAM	1	12	23.49	23.46	23.18			
5	16QAM	1	24	23.24	23.26	23.30			
5	16QAM	12	0	22.31	22.19	22.21			
5	16QAM	12	7	22.30	22.34	22.33	23.5	2	
5	16QAM	12	13	22.19	22.19	22.27			
5	16QAM	25	0	22.33	22.11	22.19			
5	64QAM	1	0	22.28	22.11	22.17			
5	64QAM	1	12	22.24	22.40	22.39	23.5	2	
5	64QAM	1	24	22.33	22.29	22.28			
5	64QAM	12	0	21.13	21.22	21.25			
5	64QAM	12	7	21.32	21.32	21.30			
5	64QAM	12	13	21.19	21.21	21.20	22.5	3	
5	64QAM	25	0	21.26	21.26	21.33			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.94	23.96	23.89	25.5	0	
3	QPSK	1	8	24.26	23.97	24.05			
3	QPSK	1	14	24.14	23.93	23.99			
3	QPSK	8	0	23.18	23.10	23.13			
3	QPSK	8	4	23.18	23.21	23.27	24.5	1	
3	QPSK	8	7	23.12	23.12	23.19			
3	QPSK	15	0	23.19	23.10	23.13			
3	16QAM	1	0	23.15	22.93	23.14	24.5	1	
3	16QAM	1	8	23.17	22.82	23.04			
3	16QAM	1	14	23.16	23.11	22.86			
3	16QAM	8	0	22.13	22.20	22.16			
3	16QAM	8	4	22.28	22.27	22.17	23.5	2	
3	16QAM	8	7	22.29	22.18	22.12			
3	16QAM	15	0	22.13	22.11	22.14			
3	64QAM	1	0	22.15	21.98	21.76			
3	64QAM	1	8	21.92	22.12	22.01	23.5	2	
3	64QAM	1	14	22.05	21.98	21.97			
3	64QAM	8	0	21.17	21.19	21.06			
3	64QAM	8	4	21.18	21.19	21.21	22.5	3	
3	64QAM	8	7	21.10	21.03	21.18			
3	64QAM	15	0	21.06	21.19	21.08			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	24.13	24.11	24.10	25.5	0	
1.4	QPSK	1	3	24.25	24.21	24.28			
1.4	QPSK	1	5	24.20	24.12	24.18			
1.4	QPSK	3	0	24.18	24.05	24.08			
1.4	QPSK	3	1	24.24	24.14	24.17			
1.4	QPSK	3	3	24.23	24.18	24.18	24.5	1	
1.4	QPSK	6	0	23.29	23.28	23.28			
1.4	16QAM	1	0	23.33	23.39	23.34			
1.4	16QAM	1	3	23.14	23.18	23.14			
1.4	16QAM	1	5	23.24	23.17	23.26	24.5	1	
1.4	16QAM	3	0	23.25	23.01	23.05			
1.4	16QAM	3	1	23.19	23.03	22.98			
1.4	16QAM	3	3	23.12	23.08	23.07			
1.4	16QAM	6	0	22.19	22.26	22.34	23.5	2	
1.4	64QAM	1	0	22.10	22.10	22.05			
1.4	64QAM	1	3	22.02	22.06	22.10			
1.4	64QAM	1	5	22.11	21.95	21.89	23.5	2	
1.4	64QAM	3	0	22.18	22.24	22.12			
1.4	64QAM	3	1	22.06	21.99	22.10			
1.4	64QAM	3	3	22.15	22.21	22.11	22.5	3	
1.4	64QAM	6	0	21.20	21.22	21.14			

Band 7 Ant2 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21000	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.57	17.97	17.74	19	0	
20	QPSK	1	49	17.81	17.71	17.87			
20	QPSK	1	99	17.68	17.78	17.65			
20	QPSK	50	0	17.50	17.88	17.53			
20	QPSK	50	24	17.77	17.53	17.84	19	0	
20	QPSK	50	50	17.55	17.59	17.63			
20	QPSK	100	0	17.39	17.84	17.74			
20	16QAM	1	0	17.81	17.69	17.69			
20	16QAM	1	49	17.63	17.68	17.57	19	0	
20	16QAM	1	99	17.57	17.95	17.66			
20	16QAM	50	0	17.72	17.67	17.77			
20	16QAM	50	24	17.58	17.76	17.52	19	0	
20	16QAM	50	50	17.56	17.80	17.67			
20	16QAM	100	0	17.61	17.58	17.70			
20	64QAM	1	0	17.43	17.91	17.62			
20	64QAM	1	49	17.77	17.65	17.85	19	0	
20	64QAM	1	99	17.52	17.73	17.47			
20	64QAM	50	0	17.44	17.78	17.58			
20	64QAM	50	24	17.57	17.77	17.54	19	0	
20	64QAM	50	50	17.75	17.59	17.84			
20	64QAM	100	0	17.45	17.67	17.51			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.54	17.76	17.54	19	0	
15	QPSK	1	37	17.70	17.54	17.67			
15	QPSK	1	74	17.50	17.73	17.60			
15	QPSK	36	0	17.34	17.81	17.44			
15	QPSK	36	20	17.79	17.45	17.83	19	0	
15	QPSK	36	39	17.50	17.44	17.44			
15	QPSK	75	0	17.19	17.69	17.64			
15	16QAM	1	0	17.64	17.55	17.50			
15	16QAM	1	37	17.60	17.67	17.54	19	0	
15	16QAM	1	74	17.41	17.78	17.54			
15	16QAM	36	0	17.55	17.61	17.65			
15	16QAM	36	20	17.51	17.65	17.33	19	0	
15	16QAM	36	39	17.38	17.58	17.58			
15	16QAM	75	0	17.40	17.49	17.55			
15	64QAM	1	0	17.42	17.73	17.56			
15	64QAM	1	37	17.78	17.57	17.65	19	0	
15	64QAM	1	74	17.45	17.69	17.43			
15	64QAM	36	0	17.45	17.80	17.39			
15	64QAM	36	20	17.74	17.40	17.65	19	0	
15	64QAM	36	39	17.39	17.52	17.41			
15	64Q								



Band 38 Ant2 DSI4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	19.90	20.09	19.76	21	0		
20	QPSK	1	49	20.07	19.71	19.98				
20	QPSK	1	99	20.04	19.73	19.99				
20	QPSK	50	0	19.81	20.08	19.87	21	0		
20	QPSK	50	24	20.04	19.97	19.83				
20	QPSK	50	50	20.07	19.97	19.96				
20	QPSK	100	0	19.76	19.84	19.79	21	0		
20	16QAM	1	0	19.85	20.08	19.78				
20	16QAM	1	49	20.01	19.90	19.87				
20	16QAM	1	99	20.07	19.50	19.82	21	0		
20	16QAM	50	0	19.96	20.04	19.98				
20	16QAM	50	24	20.07	20.07	20.06				
20	16QAM	50	50	20.01	20.12	19.97	21	0		
20	16QAM	100	0	19.94	19.76	19.97				
20	84QAM	1	0	20.01	19.88	20.06				
20	84QAM	1	49	20.09	20.24	20.09	21	0		
20	84QAM	1	99	20.15	19.89	19.97				
20	84QAM	50	0	19.91	19.85	19.82				
20	84QAM	50	24	19.99	19.92	20.18	21	0		
20	84QAM	50	50	19.93	20.05	19.90				
20	84QAM	100	0	20.08	19.88	19.90				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	19.86	20.08	19.56	21	0		
15	QPSK	1	37	20.06	19.71	19.83				
15	QPSK	1	74	20.04	19.58	19.89				
15	QPSK	36	0	19.76	19.97	19.77	21	0		
15	QPSK	36	20	19.95	19.84	19.70				
15	QPSK	36	39	20.08	19.76	19.93				
15	QPSK	75	0	19.86	19.84	19.74	21	0		
15	16QAM	1	0	19.83	19.97	19.79				
15	16QAM	1	37	19.90	19.82	19.88				
15	16QAM	1	74	19.98	19.57	19.70	21	0		
15	16QAM	36	0	19.89	19.84	19.82				
15	16QAM	36	20	20.08	19.89	19.99				
15	16QAM	36	39	20.01	20.12	19.92	21	0		
15	16QAM	75	0	19.80	19.56	19.97				
15	84QAM	1	0	19.90	19.76	19.89				
15	84QAM	1	37	19.89	20.10	20.00	21	0		
15	84QAM	1	74	20.01	19.87	19.79				
15	84QAM	36	0	19.86	19.69	19.80				
15	84QAM	36	20	19.79	19.88	19.98	21	0		
15	84QAM	36	39	19.88	19.95	19.77				
15	84QAM	75	0	20.08	19.69	19.92				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	19.87	19.73	19.62	21	0		
10	QPSK	1	25	19.87	19.60	19.84				
10	QPSK	1	49	19.80	19.56	19.85				
10	QPSK	25	0	19.84	19.71	19.74	21	0		
10	QPSK	25	12	20.07	19.90	19.65				
10	QPSK	25	25	19.92	19.61	19.74				
10	QPSK	50	0	19.80	19.59	19.54	21	0		
10	16QAM	1	0	19.68	19.97	19.51				
10	16QAM	1	25	19.70	19.88	19.78				
10	16QAM	1	49	19.73	19.52	19.58	21	0		
10	16QAM	25	0	19.86	19.70	19.73				
10	16QAM	25	12	19.83	19.84	19.98				
10	16QAM	25	25	19.76	20.03	19.82	21	0		
10	16QAM	50	0	19.67	19.57	19.88				
10	84QAM	1	0	19.97	19.70	19.82				
10	84QAM	1	25	20.02	20.04	19.89	21	0		
10	84QAM	1	49	19.77	19.64	19.83				
10	84QAM	25	0	19.70	19.62	19.62				
10	84QAM	25	12	19.76	19.56	19.84	21	0		
10	84QAM	25	25	19.71	19.75	19.57				
10	84QAM	50	0	19.90	19.56	19.85				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	19.89	19.73	19.64	21	0		
5	QPSK	1	12	19.75	19.61	19.86				
5	QPSK	1	24	19.67	19.58	19.92				
5	QPSK	12	0	19.88	19.79	19.67	21	0		
5	QPSK	12	7	19.86	19.71	19.70				
5	QPSK	12	13	19.99	19.56	19.79				
5	QPSK	25	0	19.89	19.72	19.64	21	0		
5	16QAM	1	0	19.59	19.96	19.53				
5	16QAM	1	12	19.71	19.84	19.75				
5	16QAM	1	24	19.82	19.55	19.56	21	0		
5	16QAM	12	0	19.78	19.60	19.59				
5	16QAM	12	7	19.76	19.76	19.92				
5	16QAM	12	13	19.74	20.02	19.90	21	0		
5	16QAM	25	0	19.81	19.63	19.83				
5	84QAM	1	0	19.88	19.82	19.82				
5	84QAM	1	12	19.86	19.84	19.94	21	0		
5	84QAM	1	24	20.02	19.80	19.72				
5	84QAM	12	0	19.78	19.84	19.85				
5	84QAM	12	7	19.90	19.80	19.89	21	0		
5	84QAM	12	13	19.79	19.91	19.54				
5	84QAM	25	0	19.78	19.61	19.91				

Band 41 Ant2 DSI4												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	20.31	20.13	20.45	20.29	20.27	21.5	0		
20	QPSK	1	49	20.11	20.31	20.16	20.09	20.23				
20	QPSK	1	99	20.35	20.15	20.07	20.26	20.16				
20	QPSK	50	0	20.01	20.07	20.33	20.00	20.26	21.5	0		
20	QPSK	50	24	20.05	20.10	20.19	20.31	20.27				
20	QPSK	50	50	20.14	20.08	20.28	20.23	20.21				
20	QPSK	100	0	20.18	20.29	20.32	20.09	20.12	21.5	0		
20	16QAM	1	0	20.02	20.03	20.37	20.17	20.19				
20	16QAM	1	49	20.15	20.14	20.20	20.12	20.21				
20	16QAM	1	99	20.35	20.26	20.32	20.17	20.12	21.5	0		
20	16QAM	50	0	20.18	20.06	20.41	20.16	20.29				
20	16QAM	50	24	20.05	20.17	20.29	20.18	20.29				
20	16QAM	50	50	20.19	20.03	20.32	20.28	20.20	21.5	0		
20	16QAM	100	0	20.26	20.04	20.29	20.14	20.21				
20	84QAM	1	0	20.12	20.01	20.42	20.10	20.30				
20	84QAM	1	49	20.11	20.15	20.13	20.26	20.36	21.5	0		
20	84QAM	1	99	20.07	20.10	20.39	20.03	20.19				
20	84QAM	50	0	20.08	20.04	20.27	20.31	20.30				
20	84QAM	50	24	20.18	20.00	20.24	20.06	20.10	21.5	0		
20	84QAM	50	50	20.03	20.21	20.35	20.10	20.35				
20	84QAM	100	0	20.32	20.08	20.35	20.21	20.20				
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	20.27	20.09	20.34	20.13	20.23	21.50	0		
15	QPSK	1	37	20.24	20.01	20.06	20.09	20.11				
15	QPSK	1	74	20.12	20.00	20.42	20.08	20.07				
15	QPSK	36	0	19.85	19.98	20.16	19.93	20.25	21.5	0		
15	QPSK	36	20	20.02	20.11	20.00	20.32	20.22				
15	QPSK	36	39	20.12	20.07	20.23	20.21	20.22				
15	QPSK	75	0	20.10	20.22	20.28	19.94	19.93	21.5	0		
15	16QAM	1	0	20.32	20.00	20.44	20.25	20.20				
15	16QAM	1	37	20.16	20.29	20.42	20.24	20.15				
15	16QAM	1	74	20.30	20.14	20.28	20.25	20.08	21.5	0		
15	16QAM	36	0	20.13	20.13	20.26	20.27	20.24				
15	16QAM	36	20	20.20	20.08	20.32	20.09	20.08				
15	16QAM	36	39	20.10	20.11	20.33	20.30	20.09	21.5	0		



UL Power

Ant 1 DSI1										
CA_7C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	23.78	25.50		
21100	21298	QPSK	1	99	1	0	23.89	25.50		
21350	21152	QPSK	1	0	1	99	23.65	25.50		

Ant 1 DSI1&2										
CA_38C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	24.06	25.50		
37901	38099	QPSK	1	99	1	0	24.27	25.50		
38150	37952	QPSK	1	0	1	99	24.11	25.50		

Ant 1 DSI1&2										
CA_41C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	24.00	25.50		
40185	40383	QPSK	1	99	1	0	24.15	25.50		
40620	40818	QPSK	1	99	1	0	24.24	25.50		
41055	41253	QPSK	1	99	1	0	24.11	25.50		
41490	41292	QPSK	1	0	1	99	24.06	25.50		

Ant 2 DSI2										
CA_38C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	24.10	25.50		
37901	38099	QPSK	1	99	1	0	24.19	25.50		
38150	37952	QPSK	1	0	1	99	23.95	25.50		

Ant 2 DSI2										
CA_41C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	24.21	25.50		
40185	40383	QPSK	1	99	1	0	24.15	25.50		
40620	40818	QPSK	1	99	1	0	24.30	25.50		
41055	41253	QPSK	1	99	1	0	24.12	25.50		
41490	41292	QPSK	1	0	1	99	24.26	25.50		



**Ant 1 DSI2**

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.98	23.50
21100	21298	QPSK	1	99	1	0	22.22	23.50
21350	21152	QPSK	1	0	1	99	21.90	23.50

**Ant 1 DSI4**

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.76	19.00
21100	21298	QPSK	1	99	1	0	17.82	19.00
21350	21152	QPSK	1	0	1	99	17.61	19.00

**Ant 1 DSI4**

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37550	38048	QPSK	1	99	1	0	17.93	19.50
37901	38099	QPSK	1	99	1	0	17.97	19.50
38150	37952	QPSK	1	0	1	99	17.80	19.50

**Ant 1 DSI4**

CA_41C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	18.03	19.50
40185	40383	QPSK	1	99	1	0	18.01	19.50
40620	40818	QPSK	1	99	1	0	18.11	19.50
41055	41253	QPSK	1	99	1	0	18.03	19.50
41480	41292	QPSK	1	0	1	99	18.01	19.50

**Ant 2 DSI1&4**

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.54	19.00
21100	21298	QPSK	1	99	1	0	17.83	19.00
21350	21152	QPSK	1	0	1	99	17.60	19.00

**Ant 2 DSI1**

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37550	38048	QPSK	1	99	1	0	20.72	22.00
37901	38099	QPSK	1	99	1	0	20.86	22.00
38150	37952	QPSK	1	0	1	99	20.48	22.00

**Ant 2 DSI1**

CA_41C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.62	22.00
40185	40383	QPSK	1	99	1	0	20.70	22.00
40620	40818	QPSK	1	99	1	0	20.85	22.00
41055	41253	QPSK	1	99	1	0	20.67	22.00
41480	41292	QPSK	1	0	1	99	20.74	22.00

**Ant 2 DSI2**

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.54	24.00
21100	21298	QPSK	1	99	1	0	22.77	24.00
21350	21152	QPSK	1	0	1	99	22.61	24.00

**Ant 2 DSI4**

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37550	38048	QPSK	1	99	1	0	19.78	21.00
37901	38099	QPSK	1	99	1	0	19.96	21.00
38150	37952	QPSK	1	0	1	99	19.70	21.00

**Ant 2 DSI4**

CA_41C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.29	21.50
40185	40383	QPSK	1	99	1	0	20.03	21.50
40620	40818	QPSK	1	99	1	0	20.35	21.50
41055	41253	QPSK	1	99	1	0	20.25	21.50
41480	41292	QPSK	1	0	1	99	20.20	21.50



2CA DL

CA List	PCC										SCC					Power	
	LTE	BW	BW	UL	UL	UL#	UL	DL Antenna	LTE	BW	DL	DL	DL Antenna	With CA	Without CA		
	Band	Ant	(MHz)	Freq. (MHz)	Channel	Mod.	RB	RB Offset	Configuratio n	Band	(MHz)	Freq. (MHz)	Channel	Configuratio n	Tx. Power (dBm)	Tx. Power (dBm)	
CA_5A-7A	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100		24.19	24.24	
	Band 5	Ant2	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100		24.37	24.46	
	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 5	10M	881.5	2525		23.89	23.92	
	Band 7	Ant2	20M	2535	21100	QPSK	1	0		Band 5	10M	881.5	2525		22.69	22.82	
CA_5A-41A	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2518	40868		24.16	24.24	
	Band 5	Ant2	10M	836.5	20525	QPSK	1	0		Band 41	20M	2518	40868		24.43	24.46	
	Band 41	Ant1	20M	2598	40670	QPSK	1	0		Band 5	10M	881.5	2525		24.16	24.31	
	Band 41	Ant2	20M	2598	40670	QPSK	1	0		Band 5	10M	881.5	2525		24.28	24.34	
CA_7A-7A	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 7	5M	2688	3425		23.71	23.92	
	Band 7	Ant2	20M	2535	21100	QPSK	1	0		Band 7	5M	2688	3425		22.77	22.82	
CA_7C	Band 7	Ant1	20M	2535	21100	QPSK	1	0		Band 7	20M	2675	3298		23.72	23.92	
	Band 7	Ant2	20M	2535	21100	QPSK	1	0		Band 7	20M	2675	3298		22.66	22.82	
CA_38C	Band 38	Ant1	20M	2595	38000	QPSK	1	0		Band 38	20M	2618	38225		24.22	24.30	
	Band 38	Ant2	20M	2595	38000	QPSK	1	0		Band 38	20M	2618	38225		24.13	24.27	
CA_38A-38A	Band 38	Ant1	20M	2595	38000	QPSK	1	0		Band 38	5M	2618	38225		24.11	24.30	
	Band 38	Ant2	20M	2595	38000	QPSK	1	0		Band 38	5M	2618	38225		24.17	24.27	
CA_41C	Band 41	Ant1	20M	2598	40670	QPSK	1	0		Band 41	20M	2518	40868		24.22	24.31	
	Band 41	Ant2	20M	2598	40670	QPSK	1	0		Band 41	20M	2518	40868		24.18	24.34	
CA_41A-41A	Band 41	Ant1	20M	2598	40670	QPSK	1	0		Band 41	5M	2538	40065		24.29	24.31	
	Band 41	Ant2	20M	2598	40670	QPSK	1	0		Band 41	5M	2538	40065		24.31	24.34	



### Conducted Power for BT/WLAN

2.4GHz WLAN				Ant3 full power		Ant3 Receiver on		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.20	18.50	16.21	17.50	99.70
		6	2437	17.40	18.50	16.16	17.50	
		11	2462	17.40	18.50	16.18	17.50	
	802.11g 6Mbps	1	2412	14.80	16.00		16.50	97.50
		6	2437	15.00	16.00		16.50	
		11	2462	15.00	16.00		16.50	
802.11n-HT20 MCS0	1	2412	13.20	14.50		15.00	97.30	
	6	2437	13.60	14.50		15.00		
	11	2462	13.50	14.50		15.00		

5.2GHz WLAN				Ant3 full power		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit		
5.2GHz WLAN	802.11a 6Mbps	36	5180	13.60	14.50	97.40
		40	5200	13.58	15.00	
		44	5220	13.80	15.00	
		48	5240	13.80	15.00	
	802.11n-HT20 MCS0	36	5180	13.30	14.50	97.20
		40	5200	13.37	15.00	
		44	5220	13.70	15.00	
		48	5240	13.50	15.00	
	802.11n-HT40 MCS0	38	5190	13.40	14.50	95.00
		46	5230	13.60	15.00	
	802.11ac-VHT20 MCS0	36	5180	13.20	14.50	97.30
		40	5200	13.36	15.00	
44		5220	13.60	15.00		
48		5240	13.40	15.00		
802.11ac-VHT40 MCS0	38	5190	13.30	14.50	94.80	
	46	5230	13.50	15.00		
802.11ac-VHT80 MCS0	42	5210	11.90	12.50	90.10	

5.3GHz WLAN				Ant3 full power		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit		
5.3GHz WLAN	802.11a 6Mbps	52	5260	13.50	15.00	97.40
		56	5280	13.49	15.00	
		60	5300	13.70	15.00	
		64	5320	13.50	15.00	
	802.11n-HT20 MCS0	52	5260	13.30	15.00	97.20
		56	5280	13.29	15.00	
		60	5300	13.60	15.00	
		64	5320	13.20	15.00	
	802.11n-HT40 MCS0	54	5270	13.40	15.00	95.00
		62	5310	13.00	15.00	
	802.11ac-VHT20 MCS0	52	5260	13.20	15.00	97.30
		56	5280	13.27	15.00	
60		5300	13.50	15.00		
64		5320	13.10	15.00		
802.11ac-VHT40 MCS0	54	5270	13.30	15.00	94.80	
	62	5310	12.90	14.50		
802.11ac-VHT80 MCS0	58	5290	11.90	12.50	90.10	

5.5GHz WLAN				Ant3 full power		Ant3 Receiver on		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.5GHz WLAN	802.11a 6Mbps	109	5590	13.50	14.50		11.50	97.40
		116	5580	13.40	14.50		11.50	
		124	5620	13.19	14.50		11.50	
		132	5660	12.97	14.50		11.50	
		140	5700	13.40	14.50		11.50	
		144	5720	13.30	14.50		11.50	
	802.11n-HT20 MCS0	109	5590	13.10	14.50		11.50	97.20
		116	5580	13.10	14.50		11.50	
		124	5620	12.96	14.50		11.50	
		132	5660	12.85	14.50		11.50	
		140	5700	13.00	14.50		11.50	
		144	5720	13.20	14.50		11.50	
	802.11n-HT40 MCS0	102	5510	12.30	14.00		11.50	95.00
		110	5550	13.10	14.50		11.50	
		126	5630	12.81	14.50		11.50	
		134	5670	13.10	14.50		11.50	
		142	5710	13.20	14.50		11.50	
		144	5720	13.30	14.50		11.50	
	802.11ac-VHT20 MCS0	109	5590	13.00	14.50		11.50	97.30
		116	5580	13.00	14.50		11.50	
		124	5620	12.67	14.50		11.50	
		132	5660	12.53	14.00		11.50	
		140	5700	12.90	14.00		11.50	
		144	5720	13.10	14.00		11.50	
802.11ac-VHT40 MCS0	102	5510	12.20	14.00		11.50	94.80	
	110	5550	13.00	14.50		11.50		
	126	5630	12.81	14.50		11.50		
	134	5670	13.00	14.50		11.50		
	142	5710	13.10	14.50		11.50		
	144	5720	13.30	14.00	10.03	11.50		
802.11ac-VHT80 MCS0	106	5530	12.30	14.00	10.03	11.50	90.10	
	122	5610	13.30	14.50	10.03	11.50		
138	5690	12.90	14.50	10.01	11.50			

5.8GHz WLAN				Ant3 full power		Ant3 Receiver on		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.8GHz WLAN	802.11a 6Mbps	149	5745	13.40	14.50		12.50	97.40
		157	5785	13.70	14.50		12.50	
		165	5825	13.70	14.50		12.50	
	802.11n-HT20 MCS0	149	5745	13.30	14.50		12.50	97.20
		157	5785	13.50	14.50		12.50	
		165	5825	13.50	14.50		12.50	
	802.11n-HT40 MCS0	151	5755	13.30	14.50		12.50	94.80
		159	5795	13.50	14.50		12.50	
	802.11ac-VHT20 MCS0	149	5745	13.20	14.50		12.50	97.30
		157	5785	13.40	14.50		12.50	
		165	5825	13.40	14.50		12.50	
		165	5825	13.40	14.50		12.50	
	802.11ac-VHT40 MCS0	151	5755	13.20	14.50		12.50	94.80
		159	5795	13.40	14.50		12.50	
		159	5795	13.40	14.50		12.50	
	802.11ac-VHT80 MCS0	155	5775	13.60	14.50	11.06	12.50	90.10

**BT BR/EDR** **Full power&Receiver on**

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	8.28	6.45	5.97
	CH 39	2441	8.89	6.19	6.14
	CH 76	2480	8.23	5.97	5.64
Tune-up Limit			10	8	8

**BT LE 1M**

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	-4.09
	CH 19	2440	-2.73
	CH 39	2480	-3.30
Tune-up Limit			-2

**BT LE 2M**

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	-4.25
	CH 19	2440	-2.45
	CH 39	2480	-3.15
Tune-up Limit			-1