



Default&Full Power

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	926.2	936.4	949.8	926.2	936.4	949.8		
Frequency (MHz)	926.2	936.4	949.8	926.2	936.4	949.8		
GSM 1 Tx slot	32.13	32.19	32.15	33.00	23.13	23.19	23.15	24.50
GPRS 1 Tx slot	32.12	32.17	32.14	33.00	23.12	23.17	23.14	24.50
GPRS 2 Tx slots	30.49	30.52	30.49	31.00	24.49	24.52	24.49	25.50
GPRS 3 Tx slots	28.47	28.52	28.51	29.00	24.21	24.26	24.25	25.24
GPRS 4 Tx slots	26.46	26.53	26.54	27.00	23.46	23.53	23.54	24.50
EDGE 1 Tx slot	26.81	26.88	26.85	27.50	17.81	17.88	17.85	18.80
EDGE 2 Tx slots	24.72	24.77	24.75	26.50	18.72	18.77	18.75	20.50
EDGE 3 Tx slots	22.94	23.03	22.87	24.50	18.68	18.77	18.61	20.24
EDGE 4 Tx slots	21.08	21.12	20.96	22.00	18.08	18.12	17.98	19.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1909.8	1850.2	1860	1909.8		
Frequency (MHz)	1850.2	1860	1909.8	1850.2	1860	1909.8		
GSM 1 Tx slot	29.13	28.29	29.25	30.50	20.13	20.29	20.25	21.50
GPRS 1 Tx slot	29.11	28.28	29.24	30.50	20.11	20.28	20.24	21.50
GPRS 2 Tx slots	27.43	27.59	27.58	28.50	21.43	21.59	21.58	22.50
GPRS 3 Tx slots	25.60	25.60	25.56	26.50	21.34	21.34	21.30	22.24
GPRS 4 Tx slots	23.69	23.68	23.63	25.00	20.69	20.68	20.63	22.00
EDGE 1 Tx slot	25.91	25.95	25.98	27.00	16.91	16.95	16.98	18.00
EDGE 2 Tx slots	23.62	23.73	23.75	25.00	17.62	17.73	17.75	19.00
EDGE 3 Tx slots	21.45	21.44	21.45	22.50	17.19	17.18	17.19	18.24
EDGE 4 Tx slots	19.76	19.83	19.67	21.00	16.76	16.83	16.67	18.00

Band	WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9662	9800	9938	9662	9800	9938	9662	9800	9938	9662	9800	9938	
Rx Channel	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	838.4	846.6				
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	838.4	846.6				
3GPP Rel 99	AMR 12.2Kbps	22.51	22.64	22.46	24.00	22.75	22.95	22.83	24.00	22.69	22.75	22.72	24.00
3GPP Rel 99	RMC 12.2Kbps	22.54	22.66	22.46	24.00	22.77	22.96	22.86	24.00	22.70	22.76	22.74	24.00
3GPP Rel 6	HSDPA Subtest-1	21.68	21.61	21.65	23.00	22.09	21.99	21.92	23.00	21.80	21.69	21.77	23.00
3GPP Rel 6	HSDPA Subtest-2	21.60	21.76	21.60	23.00	21.86	22.16	21.94	23.00	21.60	21.67	21.79	23.00
3GPP Rel 6	HSDPA Subtest-3	21.11	21.07	21.19	22.50	21.38	21.30	21.56	22.50	21.13	21.14	21.26	22.50
3GPP Rel 6	HSDPA Subtest-4	21.16	21.16	21.22	22.50	21.38	21.44	21.60	22.50	21.34	21.25	21.25	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.69	21.64	21.65	23.00	21.83	21.95	21.98	23.00	21.68	21.72	21.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.61	21.72	21.68	23.00	21.89	22.08	21.83	23.00	21.70	21.61	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.02	21.20	21.06	22.50	21.35	21.58	21.43	22.50	21.22	21.21	21.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.07	21.11	21.10	22.50	21.35	21.45	21.52	22.50	21.17	21.30	21.19	22.50
3GPP Rel 6	HSUPA Subtest-1	21.72	21.66	21.54	23.00	21.98	22.00	21.91	23.00	21.92	21.67	21.54	23.00
3GPP Rel 6	HSUPA Subtest-2	19.57	19.78	19.71	21.00	19.99	20.16	19.96	21.00	19.72	19.88	19.92	21.00
3GPP Rel 6	HSUPA Subtest-3	20.59	20.72	20.68	22.00	20.94	21.00	20.92	22.00	20.59	20.88	20.69	22.00
3GPP Rel 6	HSUPA Subtest-4	19.58	19.66	19.67	21.00	19.79	20.06	19.98	21.00	19.62	19.67	19.68	21.00
3GPP Rel 6	HSUPA Subtest-5	21.66	21.75	21.62	23.00	22.02	22.00	21.87	23.00	21.66	21.75	21.61	23.00



Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch. / Freq.	Power Mid Ch. / Freq.	Power Low Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				18700	18800	19100		
20	QPSK	1	0	22.88	22.51	22.54		
20	QPSK	1	49	22.85	22.83	22.81	24	0
20	QPSK	1	99	22.83	22.69	22.74		
20	QPSK	50	0	21.82	21.84	21.68		
20	QPSK	50	24	21.75	21.80	21.80	23	1
20	QPSK	50	50	21.69	21.87	21.64		
20	QPSK	100	0	21.80	21.81	21.76		
20	16QAM	1	0	22.13	22.12	22.01	23	1
20	16QAM	1	49	22.08	21.99	22.03		
20	16QAM	1	99	22.03	22.02	21.88		
20	16QAM	50	0	20.78	20.78	20.75		
20	16QAM	50	24	20.68	20.50	20.59	22	2
20	16QAM	50	50	20.71	20.72	20.68		
20	16QAM	100	0	20.83	20.68	20.86		
Channel								
Frequency (MHz)				18875	18900	19125		
15	QPSK	1	0	22.72	22.74	22.49		
15	QPSK	1	37	22.85	22.63	22.74	24	0
15	QPSK	1	74	22.82	22.50	22.75		
15	QPSK	36	0	21.79	21.83	21.59		
15	QPSK	36	20	21.65	21.51	21.41	23	1
15	QPSK	36	39	21.48	21.47	21.53		
15	QPSK	75	0	21.60	21.84	21.56		
15	16QAM	1	0	22.03	21.99	21.90	23	1
15	16QAM	1	37	21.85	21.85	21.95		
15	16QAM	1	74	21.81	21.84	21.78		
15	16QAM	36	0	20.68	20.59	20.55	22	2
15	16QAM	36	20	20.68	20.37	20.40		
15	16QAM	36	39	20.68	20.67	20.56		
15	16QAM	75	0	20.73	20.47	20.79		
Channel								
Frequency (MHz)				18950	18900	19150		
10	QPSK	1	0	22.82	22.78	22.53		
10	QPSK	1	25	22.84	22.83	22.65	24	0
10	QPSK	1	49	22.71	22.86	22.65		
10	QPSK	25	0	21.78	21.82	21.60		
10	QPSK	25	12	21.59	21.45	21.48	23	1
10	QPSK	25	25	21.52	21.59	21.49		
10	QPSK	50	0	21.76	21.75	21.72		
10	16QAM	1	0	22.10	22.10	21.89	23	1
10	16QAM	1	25	22.03	21.98	21.97		
10	16QAM	1	49	21.89	22.03	21.80		
10	16QAM	25	0	20.61	20.67	20.65	22	2
10	16QAM	25	12	20.62	20.43	20.42		
10	16QAM	25	25	20.58	20.74	20.65		
10	16QAM	50	0	20.66	20.46	20.85		
Channel								
Frequency (MHz)				18975	18900	19175		
5	QPSK	1	0	22.84	22.88	22.54		
5	QPSK	1	12	22.85	22.72	22.61	24	0
5	QPSK	1	24	22.81	22.54	22.65		
5	QPSK	12	0	21.82	21.85	21.65		
5	QPSK	12	7	21.71	21.52	21.56	23	1
5	QPSK	12	13	21.52	21.66	21.60		
5	QPSK	25	0	21.80	21.70	21.68	23	1
5	16QAM	1	0	22.15	21.98	21.83		
5	16QAM	1	12	22.05	21.82	21.99	23	1
5	16QAM	1	24	21.97	21.81	21.89		
5	16QAM	12	0	20.74	20.69	20.59	22	2
5	16QAM	12	7	20.53	20.37	20.45		
5	16QAM	12	13	20.50	20.64	20.64		
5	16QAM	25	0	20.62	20.61	20.73		
Channel								
Frequency (MHz)				18975	18900	19175		
3	QPSK	1	0	22.75	22.85	22.36		
3	QPSK	1	8	22.81	22.78	22.65	24	0
3	QPSK	1	14	22.68	22.70	22.56		
3	QPSK	8	0	21.78	21.73	21.65		
3	QPSK	8	4	21.71	21.44	21.47	23	1
3	QPSK	8	7	21.69	21.49	21.58		
3	QPSK	15	0	21.79	21.76	21.64		
3	16QAM	1	0	21.83	22.10	21.97	23	1
3	16QAM	1	8	21.90	21.86	21.82		
3	16QAM	1	14	21.85	21.82	21.68		
3	16QAM	8	0	20.57	20.57	20.63	22	2
3	16QAM	8	4	20.51	20.36	20.54		
3	16QAM	8	7	20.65	20.64	20.58		
3	16QAM	15	0	20.62	20.55	20.68		
Channel								
Frequency (MHz)				18975	18900	19195		
1.4	QPSK	1	0	22.86	22.74	22.36		
1.4	QPSK	1	3	22.85	22.63	22.71	24	0
1.4	QPSK	1	5	22.89	22.54	22.56		
1.4	QPSK	3	0	22.72	22.73	22.36		
1.4	QPSK	3	1	22.86	22.77	22.66	23	1
1.4	QPSK	3	3	22.83	22.52	22.61		
1.4	QPSK	6	0	21.84	21.82	21.67	23	1
1.4	16QAM	1	0	21.73	21.80	21.55		
1.4	16QAM	1	3	21.89	21.86	21.49	23	1
1.4	16QAM	1	5	21.76	21.71	21.49		
1.4	16QAM	3	0	21.57	21.81	21.45		
1.4	16QAM	3	1	21.48	21.87	21.59	22	2
1.4	16QAM	3	3	21.81	21.74	21.48		
1.4	16QAM	6	0	20.94	20.74	20.75		

Band 4_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch. / Freq.	Power Mid Ch. / Freq.	Power Low Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				20650	20175	20300		
20	QPSK	1	0	23.18	23.26	23.21		
20	QPSK	1	49	23.03	23.16	23.20	24	0
20	QPSK	1	99	23.20	23.23	23.24		
20	QPSK	50	0	22.21	22.23	22.19		
20	QPSK	50	24	22.84	22.09	22.18	23	1
20	QPSK	50	50	22.00	21.97	22.11		
20	QPSK	100	0	22.14	22.20	22.17		
20	16QAM	1	0	22.78	22.75	22.70	23	1
20	16QAM	1	49	22.22	22.60	22.60		
20	16QAM	1	99	22.84	22.83	22.88		
20	16QAM	50	0	21.11	21.15	21.19		
20	16QAM	50	24	21.25	21.21	21.23	22	2
20	16QAM	50	50	21.29	21.14	21.29		
20	16QAM	100	0	21.26	21.24	21.38		
Channel								
Frequency (MHz)				20625	20175	20325		
15	QPSK	1	0	23.15	23.07	23.12		
15	QPSK	1	37	23.01	23.01	23.13	24	0
15	QPSK	1	74	23.16	23.01	23.21		
15	QPSK	36	0	22.08	22.20	22.00		
15	QPSK	36	20	21.84	21.90	21.99	23	1
15	QPSK	36	39	21.85	21.85	22.12		
15	QPSK	75	0	22.01	22.19	22.05		
15	16QAM	1	0	22.71	22.60	22.50	23	1
15	16QAM	1	37	22.47	22.53	22.54		
15	16QAM	1	74	22.81	22.73	22.71		
15	16QAM	36	0	21.13	21.09	21.13	22	2
15	16QAM	36	20	21.14	21.21	21.04		
15	16QAM	36	39	21.18	21.13	21.27		
15	16QAM	75	0	21.07	21.08	21.38		
Channel								
Frequency (MHz)				20600	20175	20350		
10	QPSK	1	0	23.19	23.24	23.16		
10	QPSK	1	25	22.84	23.09	22.99	24	0
10	QPSK	1	49	23.13	23.21	23.14		
10	QPSK	25	0	22.13	22.22	22.05		
10	QPSK	25	12	22.03	22.00	22.16	23	1
10	QPSK	25	25	22.02	21.89	22.11		
10	QPSK	50	0	22.07	22.07	22.15		
10	16QAM	1	0	22.74	22.55	22.54	23	1
10	16QAM	1	25	22.44	22.61	22.38		
10	16QAM	1	49	22.82	22.66	22.88		
10	16QAM	25	0	20.98	20.98	21.06	22	2
10	16QAM	25	12	21.08	21.19	21.08		
10	16QAM	25	25	21.28	20.98	21.09		
10	16QAM	50	0	21.23	21.15	21.30		
Channel								
Frequency (MHz)				17115	1732.5	1752.5		
5	QPSK	1	0	23.19	23.15	23.13		
5	QPSK	1	12	22.90	23.06	23.04	24	0
5	QPSK	1	24	23.01	23.02	23.02		
5	QPSK	12	0	22.18	22.12	22.06		
5	QPSK	12	7	21.85	22.02	22.12	23	1
5	QPSK	12	13	21.98	21.99	21.89		
5	QPSK	25	0	22.00	22.08	22.10		
5	16QAM	1	0					



Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	23.05	23.11	23.04			
20	QPSK	1	49	22.98	22.97	22.86	24	0	
20	QPSK	1	99	23.03	23.05	23.02			
20	QPSK	50	0	21.98	22.14	22.07			
20	QPSK	50	24	22.11	22.13	21.90	23	1	
20	QPSK	50	50	21.88	21.85	21.80			
20	QPSK	100	0	22.03	22.09	22.06			
20	16QAM	1	0	22.87	22.55	22.72			
20	16QAM	1	49	22.81	22.49	22.52	23	1	
20	16QAM	1	99	22.48	22.63	22.56			
20	16QAM	50	0	21.31	21.22	21.30			
20	16QAM	50	24	21.06	21.22	21.15	22	2	
20	16QAM	50	50	21.16	21.14	21.16			
20	16QAM	100	0	21.25	21.16	21.19			
Channel				20825	21100	21375			
Frequency (MHz)				20825	21100	21375			
15	QPSK	1	0	22.85	22.98	23.03			
15	QPSK	1	37	22.78	22.87	22.82	24	0	
15	QPSK	1	74	22.92	22.87	23.02			
15	QPSK	36	0	21.96	22.04	21.90			
15	QPSK	36	20	22.07	21.94	21.68	23	1	
15	QPSK	36	39	21.71	21.84	21.74			
15	QPSK	75	0	21.99	21.90	21.99			
15	16QAM	1	0	22.64	22.34	22.85			
15	16QAM	1	37	22.49	22.39	22.41	23	1	
15	16QAM	1	74	22.49	22.61	22.39			
15	16QAM	36	0	21.16	21.15	21.20			
15	16QAM	36	20	20.93	21.01	21.10	22	2	
15	16QAM	36	39	21.16	21.09	21.17			
15	16QAM	75	0	21.20	21.11	21.18			
Channel				20800	21100	21400			
Frequency (MHz)				20800	21100	21400			
10	QPSK	1	0	23.05	23.07	22.95			
10	QPSK	1	25	22.99	22.88	22.88	24	0	
10	QPSK	1	49	23.03	22.88	23.04			
10	QPSK	25	0	21.84	22.08	21.96			
10	QPSK	25	12	22.12	21.91	21.71	23	1	
10	QPSK	25	25	21.79	21.93	21.72			
10	QPSK	50	0	22.03	22.00	21.96			
10	16QAM	1	0	22.47	22.44	22.51			
10	16QAM	1	25	22.60	22.38	22.36	23	1	
10	16QAM	1	49	22.35	22.49	22.57			
10	16QAM	25	0	21.24	21.23	21.23			
10	16QAM	25	12	21.00	21.08	21.14	22	2	
10	16QAM	25	25	21.04	21.10	21.16			
10	16QAM	50	0	21.25	21.13	20.98			
Channel				21075	21100	21325			
Frequency (MHz)				21075	21100	21325			
5	QPSK	1	0	22.94	22.84	22.88			
5	QPSK	1	12	22.86	22.85	22.86	24	0	
5	QPSK	1	24	23.04	22.80	22.84			
5	QPSK	12	0	21.86	22.08	22.02			
5	QPSK	12	7	22.08	22.04	21.92	23	1	
5	QPSK	25	0	21.97	22.04	22.03			
5	16QAM	1	0	22.53	22.37	22.73			
5	16QAM	1	12	22.50	22.47	22.39	23	1	
5	16QAM	1	24	22.35	22.58	22.35			
5	16QAM	12	0	21.29	21.10	21.26			
5	16QAM	12	7	20.99	21.16	21.05	22	2	
5	16QAM	12	13	21.04	21.10	21.10			
5	16QAM	25	0	21.17	21.10	21.17			

Band 13_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
10	QPSK	1	0	23.08	23.03	23.03			
10	QPSK	1	25	23.03	23.02	23.02	24	0	
10	QPSK	1	49	23.02	23.02	23.02			
10	QPSK	25	0	21.82	21.85	21.89			
10	QPSK	25	12	21.85	21.85	21.89	23	1	
10	QPSK	25	25	21.89	21.89	21.89			
10	QPSK	50	0	22.11	22.11	22.11			
10	16QAM	1	0	22.22	22.22	22.22			
10	16QAM	1	25	22.13	22.13	22.13	23	1	
10	16QAM	1	49	22.26	22.26	22.26			
10	16QAM	25	0	21.38	21.38	21.38			
10	16QAM	25	12	21.28	21.28	21.28	22	2	
10	16QAM	25	25	21.19	21.19	21.19			
10	16QAM	50	0	21.17	21.17	21.17			
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
5	QPSK	1	0	22.97	23.04	23.00			
5	QPSK	1	12	22.87	22.93	22.88	24	0	
5	QPSK	1	24	22.84	23.00	23.03			
5	QPSK	12	0	21.76	21.82	21.81			
5	QPSK	12	7	21.71	21.83	21.76	23	1	
5	QPSK	12	13	21.87	21.84	21.71			
5	QPSK	25	0	22.06	21.89	21.91			
5	16QAM	1	0	22.00	22.17	22.12			
5	16QAM	1	12	22.07	21.95	22.00	23	1	
5	16QAM	1	24	22.20	22.14	22.23			
5	16QAM	12	0	21.29	21.28	21.30			
5	16QAM	12	7	21.08	21.28	21.14	22	2	
5	16QAM	12	13	21.17	21.16	21.16			
5	16QAM	25	0	21.03	21.18	21.06			



Band 26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				26765	26865	26965			
Frequency (MHz)				831.5	831.5	841.5			
15	QPSK	1	0	23.19	23.24	23.12	24	0	
15	QPSK	1	37	23.12	23.22	23.15			
15	QPSK	1	74	23.02	23.18	23.17			
15	QPSK	38	0	22.21	22.25	22.15	23	1	
15	QPSK	38	20	22.10	22.12	22.10			
15	QPSK	38	39	22.14	22.11	22.06			
15	QPSK	75	0	22.19	22.22	22.07			
15	16QAM	1	0	22.09	22.21	22.14	23	1	
15	16QAM	1	37	22.04	22.13	22.12			
15	16QAM	1	74	22.09	22.19	22.08			
15	16QAM	38	0	20.97	21.12	21.14			
15	16QAM	38	20	21.04	21.18	21.09	22	2	
15	16QAM	38	39	20.83	20.98	20.90			
15	16QAM	75	0	21.17	21.19	21.08			
Channel									
Frequency (MHz)				26749	26855	26960			
Frequency (MHz)				831.9	831.5	841.4			
10	QPSK	1	0	23.07	23.13	23.02	24	0	
10	QPSK	1	25	23.13	23.23	23.03			
10	QPSK	1	49	22.88	23.19	23.15			
10	QPSK	25	0	22.07	22.25	22.07	23	1	
10	QPSK	25	12	22.10	21.94	22.00			
10	QPSK	25	25	22.15	22.10	21.87			
10	QPSK	50	0	22.17	22.09	21.90			
10	16QAM	1	0	21.98	22.08	21.93	23	1	
10	16QAM	1	25	22.03	21.95	22.02			
10	16QAM	1	49	21.98	22.13	22.07			
10	16QAM	25	0	20.77	20.91	21.13			
10	16QAM	25	12	21.03	21.15	20.98	22	2	
10	16QAM	25	25	20.83	20.87	20.87			
10	16QAM	50	0	21.03	20.99	20.95			
Channel									
Frequency (MHz)				26715	26865	27015			
Frequency (MHz)				831.5	831.5	841.5			
5	QPSK	1	0	23.21	23.13	23.00	24	0	
5	QPSK	1	12	23.12	23.12	22.97			
5	QPSK	1	24	22.92	23.04	23.14			
5	QPSK	12	0	22.23	22.07	21.98	23	1	
5	QPSK	12	7	22.02	22.09	22.02			
5	QPSK	12	13	22.04	22.01	21.85			
5	QPSK	25	0	21.99	22.03	21.96	23	1	
5	16QAM	1	0	21.95	22.10	21.97			
5	16QAM	1	12	21.95	21.95	22.12			
5	16QAM	1	24	21.90	22.06	21.94			
5	16QAM	12	0	20.75	21.00	21.09	22	2	
5	16QAM	12	7	21.01	21.05	20.90			
5	16QAM	12	13	20.75	20.87	20.83			
5	16QAM	25	0	21.08	21.11	20.92			
Channel									
Frequency (MHz)				26705	26855	27005			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.00	23.13	22.95	24	0	
3	QPSK	1	8	23.07	23.19	23.00			
3	QPSK	1	14	22.91	23.15	23.10			
3	QPSK	8	0	22.22	22.15	22.04	23	1	
3	QPSK	8	4	22.04	22.09	21.97			
3	QPSK	8	7	22.03	22.07	21.94			
3	QPSK	15	0	22.15	22.21	22.07	23	1	
3	16QAM	1	0	22.01	22.17	22.09			
3	16QAM	1	8	21.83	21.95	21.90			
3	16QAM	1	14	21.97	22.10	22.00			
3	16QAM	8	0	20.78	21.02	21.02	22	2	
3	16QAM	8	4	20.86	21.09	21.09			
3	16QAM	8	7	20.81	20.97	20.86			
3	16QAM	15	0	21.05	20.98	21.05			
Channel									
Frequency (MHz)				26557	26695	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.17	23.13	23.09	24	0	
1.4	QPSK	1	3	23.02	23.10	23.00			
1.4	QPSK	1	5	22.98	23.09	23.06			
1.4	QPSK	3	0	23.11	23.16	22.98			
1.4	QPSK	3	1	23.04	23.04	23.07			
1.4	QPSK	3	3	22.96	23.08	23.03	23	1	
1.4	QPSK	6	0	22.17	22.22	22.00			
1.4	16QAM	1	0	21.95	22.00	21.94			
1.4	16QAM	1	3	21.99	21.99	21.89	23	1	
1.4	16QAM	1	5	22.01	22.06	22.05			
1.4	16QAM	3	0	22.02	22.01	22.00			
1.4	16QAM	3	1	22.07	22.02	21.96			
1.4	16QAM	3	3	22.09	22.04	22.02			
1.4	16QAM	6	0	20.75	20.96	21.01	22	2	

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				130072	130322	130572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	22.97	23.09	23.25	24	0	
20	QPSK	1	49	23.22	23.23	23.19			
20	QPSK	1	99	23.14	23.21	23.13			
20	QPSK	50	0	22.22	22.26	22.19	23	1	
20	QPSK	50	24	22.06	22.16	22.11			
20	QPSK	50	50	22.08	22.24	22.21			
20	QPSK	100	0	22.13	22.22	22.10			
20	16QAM	1	0	22.29	22.44	22.37	23	1	
20	16QAM	1	49	22.34	22.49	22.47			
20	16QAM	1	99	22.40	22.54	22.51			
20	16QAM	50	0	21.20	21.37	21.40			
20	16QAM	50	24	21.41	21.40	21.42	22	2	
20	16QAM	50	50	21.40	21.45	21.46			
20	16QAM	100	0	21.16	21.16	21.12			
Channel									
Frequency (MHz)				130047	130322	130597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	22.96	23.18	23.14	24	0	
15	QPSK	1	37	23.09	23.04	23.20			
15	QPSK	1	74	23.04	23.07	23.03			
15	QPSK	38	0	22.04	22.14	22.04	23	1	
15	QPSK	38	20	22.03	22.14	21.93			
15	QPSK	38	39	21.88	22.16	22.07			
15	QPSK	75	0	21.95	22.17	22.01			
15	16QAM	1	0	22.18	22.35	22.26	23	1	
15	16QAM	1	37	22.29	22.41	22.44			
15	16QAM	1	74	22.40	22.46	22.38			
15	16QAM	38	0	21.06	21.39	21.22			
15	16QAM	38	20	21.36	21.23	21.20	22	2	
15	16QAM	38	39	21.23	21.41	21.36			
15	16QAM	75	0	21.04	21.15	20.97			
Channel									
Frequency (MHz)				130022	130322	130622			
Frequency (MHz)				1717.5	1745	1772.5			
10	QPSK	1	0	22.93	23.08	23.20	24	0	
10	QPSK	1	25	23.01	23.09	23.16			
10	QPSK	1	49	22.95	23.22	23.11			
10	QPSK	1	74	22.97	23.07	23.19			
10	QPSK	25	12	21.85	22.00	21.98	23	1	
10	QPSK	25	25	21.88	22.25	22.15			
10	QPSK	50	0	22.03	22.10	22.10			
10	16QAM	1	0	22.30	22.32	22.30	23	1	
10	16QAM	1	25	22.27	22.32	22.29			
10	16QAM	1	49	22.25	22.47	22.44			
10	16QAM	25	0	21.12	21.18	21.35	22	2	
10	16QAM	25	12	21.31	21.28	21.33			
10	16QAM	25	25	21.22	21.25	21.27			
10	16QAM	50	0	21.12	21.06	20.98			
Channel									
Frequency (MHz)				130597	130622	130647			
Frequency (MHz)				1717.5	1745	1777.5			
5	QPSK	1	0	22.97	23.15	23.12	24	0	
5	QPSK	1	12	23.12	23.08	23.15			
5	QPSK	1	24	23.11	23.05	22.98			
5	QPSK	12	0	22.04	22.21	22.00	23	1	
5	QPSK	12	7	21.91	22.02	22.10			
5	QPSK	12	13	21.88	22.08	22.19			
5	QPSK	25	0	21.92	22.10	21.91	23	1	
5	16QAM	1	0	22.27	22.22				



Band 38_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.42	22.59	22.51	24	0
20	QPSK	1	49	22.35	22.83	22.33		
20	QPSK	1	99	22.34	22.45	22.43		
20	QPSK	50	0	21.66	21.89	21.51	23	1
20	QPSK	50	24	21.53	21.55	21.54		
20	QPSK	50	50	21.43	21.64	21.51		
20	QPSK	100	0	21.43	21.56	21.35	23	1
20	16QAM	1	0	21.89	21.96	21.77		
20	16QAM	1	49	21.83	21.90	21.90		
20	16QAM	1	99	21.82	21.95	21.80	22	2
20	16QAM	50	0	20.20	20.24	20.06		
20	16QAM	50	24	20.23	20.21	20.06		
20	16QAM	50	50	20.15	20.16	20.12	Channel	
Frequency (MHz)				37825	38000	38175		
Frequency (MHz)				25775	2595	26125		
15	QPSK	1	0	22.20	22.45	22.42	24	0
15	QPSK	1	37	22.21	22.45	22.28		
15	QPSK	1	74	22.17	22.25	22.30		
15	QPSK	36	0	21.61	21.59	21.33	23	1
15	QPSK	36	20	21.47	21.44	21.40		
15	QPSK	36	39	21.28	21.65	21.45		
15	QPSK	75	0	21.43	21.54	21.25	23	1
15	16QAM	1	0	21.73	21.89	21.55		
15	16QAM	1	37	21.66	21.88	21.88		
15	16QAM	1	74	21.70	21.83	21.76	22	2
15	16QAM	36	0	20.07	20.12	20.01		
15	16QAM	36	20	20.29	20.15	20.19		
15	16QAM	36	39	20.28	20.23	20.27	Channel	
Frequency (MHz)				37800	38000	38200		
Frequency (MHz)				25760	2595	26150		
10	QPSK	1	0	22.40	22.49	22.47	24	0
10	QPSK	1	25	22.32	22.42	22.12		
10	QPSK	1	49	22.24	22.33	22.37		
10	QPSK	25	0	21.53	21.58	21.38	23	1
10	QPSK	25	12	21.40	21.54	21.44		
10	QPSK	25	25	21.31	21.60	21.30		
10	QPSK	50	0	21.45	21.41	21.24	23	1
10	16QAM	1	0	21.83	21.97	21.71		
10	16QAM	1	25	21.89	21.91	21.79		
10	16QAM	1	49	21.82	21.75	21.71	22	2
10	16QAM	25	0	20.00	20.12	20.00		
10	16QAM	25	12	20.18	20.21	20.28		
10	16QAM	25	25	20.32	20.23	20.34	Channel	
Frequency (MHz)				37800	38000	38200		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.25	22.40	22.51	24	0
5	QPSK	1	12	22.21	22.40	22.14		
5	QPSK	1	24	22.04	22.27	22.32		
5	QPSK	12	0	21.47	21.51	21.30	23	1
5	QPSK	12	7	21.49	21.39	21.36		
5	QPSK	12	13	21.31	21.53	21.31		
5	QPSK	25	0	21.38	21.55	21.35	23	1
5	16QAM	1	0	21.84	21.84	21.68		
5	16QAM	1	12	21.82	21.84	21.92		
5	16QAM	1	24	21.82	21.76	21.58	22	2
5	16QAM	12	0	20.20	20.16	20.04		
5	16QAM	12	7	20.29	20.10	20.19		
5	16QAM	12	13	20.18	20.16	20.19	Channel	
Frequency (MHz)				2572.5	2595	2617.5		
5	16QAM	25	0	20.98	20.85	20.74		



Reduced Power Mode for DSI2

GSM850_Ant 1	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	848.6		824.2	836.4	848.6	
Frequency (MHz)								
GSM 1 Tx slot	32.13	32.19	32.15	33.50	23.13	23.19	23.15	24.50
GPRS 1 Tx slots	32.12	32.17	32.14	33.50	23.12	23.17	23.14	24.50
GPRS 2 Tx slots	30.49	30.52	30.49	31.50	24.49	24.52	24.49	25.50
GPRS 3 Tx slots	28.47	28.52	28.51	29.50	24.21	24.26	24.25	25.24
GPRS 4 Tx slots	26.46	26.53	26.54	27.50	23.46	23.53	23.54	24.50
EDGE 1 Tx slot	26.81	26.88	26.85	27.50	17.81	17.88	17.85	18.50
EDGE 2 Tx slots	24.72	24.77	24.75	26.50	18.72	18.77	18.75	20.50
EDGE 3 Tx slots	22.94	23.03	22.87	24.50	18.68	18.77	18.61	20.34
EDGE 4 Tx slots	21.08	21.12	20.98	22.00	18.08	18.12	17.96	19.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)								
GSM 1 Tx slot	29.13	29.29	29.25	30.50	20.13	20.29	20.25	21.50
GPRS 1 Tx slots	29.11	29.28	29.24	30.50	20.11	20.28	20.24	21.50
GPRS 2 Tx slots	27.43	27.59	27.58	28.50	21.43	21.59	21.58	22.50
GPRS 3 Tx slots	25.60	25.60	25.56	26.50	21.34	21.34	21.30	22.24
GPRS 4 Tx slots	23.69	23.68	23.63	25.00	20.69	20.68	20.63	22.00
EDGE 1 Tx slot	25.91	25.95	25.98	27.00	16.91	16.95	16.98	18.00
EDGE 2 Tx slots	23.62	23.73	23.75	25.00	17.62	17.73	17.75	19.00
EDGE 3 Tx slots	21.45	21.44	21.45	22.50	17.19	17.16	17.19	18.24
EDGE 4 Tx slots	19.76	19.83	19.67	21.00	16.76	16.83	16.67	18.00

Band	WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9992	9900	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1952.4	1890	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2kops	22.51	22.64	22.45	24.00	22.75	22.95	22.83	24.00	22.69	22.75	22.72	24.00
3GPP Rel 99	RM C 12.2kops	22.54	22.66	22.46	24.00	22.77	22.96	22.86	24.00	22.70	22.76	22.74	24.00
3GPP Rel 6	HSDPA Subtest-1	21.68	21.61	21.65	23.00	22.09	21.99	21.92	23.00	21.80	21.69	21.77	23.00
3GPP Rel 6	HSDPA Subtest-2	21.60	21.76	21.80	23.00	21.86	22.16	21.94	23.00	21.60	21.87	21.79	23.00
3GPP Rel 6	HSDPA Subtest-3	21.11	21.07	21.19	22.50	21.38	21.30	21.56	22.50	21.13	21.14	21.25	22.50
3GPP Rel 6	HSDPA Subtest-4	21.16	21.16	21.22	22.50	21.38	21.44	21.60	22.50	21.34	21.25	21.25	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.59	21.64	21.65	23.00	21.83	21.95	21.98	23.00	21.68	21.72	21.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.61	21.72	21.58	23.00	21.89	22.08	21.83	23.00	21.70	21.81	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.02	21.20	21.06	22.50	21.35	21.58	21.43	22.50	21.22	21.21	21.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.07	21.11	21.10	22.50	21.35	21.45	21.52	22.50	21.17	21.30	21.19	22.50
3GPP Rel 6	HSUPA Subtest-1	21.72	21.66	21.54	23.00	21.98	22.00	21.91	23.00	21.92	21.67	21.54	23.00
3GPP Rel 6	HSUPA Subtest-2	19.57	19.78	19.71	21.00	19.99	20.16	19.96	21.00	19.72	19.88	19.92	21.00
3GPP Rel 6	HSUPA Subtest-3	20.59	20.72	20.68	22.00	20.94	21.00	20.92	22.00	20.59	20.88	20.69	22.00
3GPP Rel 6	HSUPA Subtest-4	19.58	19.66	19.67	21.00	19.79	20.06	19.96	21.00	19.62	19.67	19.68	21.00
3GPP Rel 6	HSUPA Subtest-5	21.66	21.75	21.62	23.00	22.02	22.00	21.87	23.00	21.66	21.75	21.61	23.00



Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch. / Freq.	Power Mid Ch. / Freq.	Power Low Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				18700	18800	19100		
20	QPSK	1	0	22.88	22.51	22.54		
20	QPSK	1	49	22.85	22.83	22.81	24	0
20	QPSK	1	99	22.83	22.69	22.74		
20	QPSK	50	0	21.82	21.84	21.68		
20	QPSK	50	24	21.75	21.80	21.60	23	1
20	QPSK	50	50	21.69	21.67	21.64		
20	QPSK	100	0	21.80	21.81	21.76		
20	16QAM	1	0	22.13	22.12	22.01	23	1
20	16QAM	1	49	22.08	21.99	22.03		
20	16QAM	1	99	22.03	22.02	21.88		
20	16QAM	50	0	20.78	20.78	20.75		
20	16QAM	50	24	20.68	20.50	20.59	22	2
20	16QAM	50	50	20.71	20.72	20.68		
20	16QAM	100	0	20.83	20.68	20.86		
Channel								
Frequency (MHz)				18675	18600	19125		
15	QPSK	1	0	22.72	22.74	22.49		
15	QPSK	1	37	22.85	22.63	22.74	24	0
15	QPSK	1	74	22.82	22.50	22.75		
15	QPSK	36	0	21.79	21.83	21.59		
15	QPSK	36	20	21.65	21.51	21.41	23	1
15	QPSK	36	39	21.48	21.47	21.53		
15	QPSK	75	0	21.60	21.84	21.56		
15	16QAM	1	0	22.03	21.99	21.90	23	1
15	16QAM	1	37	21.85	21.85	21.95		
15	16QAM	1	74	21.81	21.84	21.78		
15	16QAM	36	0	20.68	20.59	20.55	22	2
15	16QAM	36	20	20.68	20.37	20.40		
15	16QAM	36	39	20.68	20.67	20.56		
15	16QAM	75	0	20.73	20.47	20.79		
Channel								
Frequency (MHz)				18650	18600	19150		
10	QPSK	1	0	22.82	22.78	22.53		
10	QPSK	1	25	22.84	22.83	22.65	24	0
10	QPSK	1	49	22.71	22.86	22.65		
10	QPSK	25	0	21.78	21.82	21.60		
10	QPSK	25	12	21.59	21.45	21.48	23	1
10	QPSK	25	25	21.52	21.59	21.49		
10	QPSK	50	0	21.76	21.75	21.72		
10	16QAM	1	0	22.10	22.10	21.89	23	1
10	16QAM	1	25	22.03	21.98	21.97		
10	16QAM	1	49	21.89	22.03	21.80		
10	16QAM	25	0	20.61	20.67	20.65	22	2
10	16QAM	25	12	20.62	20.43	20.42		
10	16QAM	25	25	20.58	20.74	20.65		
10	16QAM	50	0	20.66	20.46	20.85		
Channel								
Frequency (MHz)				18575	18600	19075		
5	QPSK	1	0	22.84	22.88	22.54		
5	QPSK	1	12	22.65	22.72	22.61	24	0
5	QPSK	1	24	22.81	22.51	22.65		
5	QPSK	12	0	21.82	21.65	21.65		
5	QPSK	12	7	21.71	21.52	21.56	23	1
5	QPSK	12	13	21.52	21.66	21.60		
5	QPSK	25	0	21.80	21.70	21.68	23	1
5	16QAM	1	0	22.15	21.98	21.83		
5	16QAM	1	12	22.05	21.82	21.99	23	1
5	16QAM	1	24	21.97	21.81	21.89		
5	16QAM	12	0	20.74	20.69	20.59	22	2
5	16QAM	12	7	20.53	20.37	20.45		
5	16QAM	12	13	20.50	20.64	20.64		
5	16QAM	25	0	20.62	20.61	20.73		
Channel								
Frequency (MHz)				18515	18600	19085		
3	QPSK	1	0	22.75	22.85	22.36		
3	QPSK	1	8	22.81	22.78	22.65	24	0
3	QPSK	1	14	22.66	22.70	22.56		
3	QPSK	8	0	21.78	21.73	21.65		
3	QPSK	8	4	21.71	21.44	21.47	23	1
3	QPSK	8	7	21.69	21.49	21.58		
3	QPSK	15	0	21.79	21.76	21.64		
3	16QAM	1	0	21.83	22.10	21.97	23	1
3	16QAM	1	8	21.90	21.86	21.82		
3	16QAM	1	14	21.85	21.82	21.68		
3	16QAM	8	0	20.57	20.57	20.63	22	2
3	16QAM	8	4	20.51	20.36	20.54		
3	16QAM	8	7	20.65	20.64	20.58		
3	16QAM	15	0	20.62	20.55	20.68		
Channel								
Frequency (MHz)				18507	18600	19158		
1.4	QPSK	1	0	22.86	22.74	22.36		
1.4	QPSK	1	3	22.85	22.63	22.71	24	0
1.4	QPSK	1	5	22.89	22.54	22.56		
1.4	QPSK	3	0	22.72	22.73	22.36		
1.4	QPSK	3	1	22.66	22.77	22.66		
1.4	QPSK	3	3	22.83	22.52	22.61	23	1
1.4	QPSK	6	0	21.84	21.82	21.67		
1.4	16QAM	1	0	21.73	21.80	21.55	23	1
1.4	16QAM	1	3	21.69	21.66	21.49		
1.4	16QAM	1	5	21.76	21.71	21.49		
1.4	16QAM	3	0	21.57	21.81	21.45		
1.4	16QAM	3	1	21.48	21.87	21.59		
1.4	16QAM	3	3	21.81	21.74	21.48		
1.4	16QAM	6	0	20.64	20.74	20.75	22	2

Band 4_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch. / Freq.	Power Mid Ch. / Freq.	Power Low Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				20650	20175	20300		
20	QPSK	1	0	23.16	23.26	23.21		
20	QPSK	1	49	23.03	23.16	23.20	24	0
20	QPSK	1	99	23.20	23.23	23.24		
20	QPSK	50	0	22.21	22.23	22.19		
20	QPSK	50	24	22.84	22.09	22.18	23	1
20	QPSK	50	50	22.00	21.97	22.11		
20	QPSK	100	0	22.14	22.20	22.17		
20	16QAM	1	0	22.78	22.75	22.70	23	1
20	16QAM	1	49	22.22	22.60	22.60		
20	16QAM	1	99	22.84	22.83	22.88		
20	16QAM	50	0	21.11	21.15	21.19		
20	16QAM	50	24	21.25	21.21	21.23	22	2
20	16QAM	50	50	21.29	21.14	21.29		
20	16QAM	100	0	21.26	21.24	21.38		
Channel								
Frequency (MHz)				20625	20175	20325		
15	QPSK	1	0	23.15	23.07	23.12		
15	QPSK	1	37	23.01	23.01	23.13	24	0
15	QPSK	1	74	23.16	23.01	23.21		
15	QPSK	36	0	22.08	22.20	22.00		
15	QPSK	36	20	21.84	21.90	21.99	23	1
15	QPSK	36	39	21.85	21.85	22.12		
15	QPSK	75	0	22.01	22.19	22.05		
15	16QAM	1	0	22.71	22.60	22.50	23	1
15	16QAM	1	37	22.47	22.53	22.54		
15	16QAM	1	74	22.81	22.73	22.71		
15	16QAM	36	0	21.13	21.09	21.13	22	2
15	16QAM	36	20	21.14	21.21	21.04		
15	16QAM	36	39	21.18	21.13	21.27		
15	16QAM	75	0	21.07	21.08	21.38		
Channel								
Frequency (MHz)				20600	20175	20350		
10	QPSK	1	0	23.19	23.24	23.16		
10	QPSK	1	25	22.84	23.09	22.99	24	0
10	QPSK	1	49	23.13	23.21	23.14		
10	QPSK	25	0	22.13	22.22	22.05		
10	QPSK	25	12	22.03	22.00	22.16	23	1
10	QPSK	25	25	22.02	21.89	22.11		
10	QPSK	50	0	22.07	22.07	22.15		
10	16QAM	1	0	22.74	22.55	22.54	23	1
10	16QAM	1	25	22.44	22.61	22.38		
10	16QAM	1	49	22.82	22.66	22.88		
10	16QAM	25	0	20.66	20.66	21.06	22	2
10	16QAM	25	12	21.08	21.19	21.08		
10	16QAM	25	25	21.28	20.98	21.09		
10	16QAM	50	0	21.23	21.15	21.30		
Channel								
Frequency (MHz)				17165	17325	17375		
5	QPSK	1	0	23.19	23.15	23.13		
5	QPSK	1	12	22.90	23.06	23.04	24	0
5	QPSK	1	24	23.01	23.02	23.02		
5	QPSK	12	0	22.18	22.12	22.06		
5	QPSK	12	7	21.85	22.02	22.12	23	1
5	QPSK	12	13	21.98	21.99	21.89		
5	QPSK	25	0	22.00	22.08	22.10		
5	16QAM	1						



Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	23.05	23.11	23.04			
20	QPSK	1	49	22.98	22.97	22.86	24	0	
20	QPSK	1	99	23.03	23.05	23.02			
20	QPSK	50	0	21.98	22.14	22.07			
20	QPSK	50	24	22.11	22.13	21.90	23	1	
20	QPSK	50	50	21.88	21.85	21.80			
20	QPSK	100	0	22.03	22.09	22.06			
20	16QAM	1	0	22.87	22.55	22.72			
20	16QAM	1	49	22.81	22.49	22.52	23	1	
20	16QAM	1	99	22.48	22.63	22.56			
20	16QAM	50	0	21.31	21.22	21.30			
20	16QAM	50	24	21.06	21.22	21.15	22	2	
20	16QAM	50	50	21.16	21.14	21.16			
20	16QAM	100	0	21.25	21.16	21.19			
Channel				20825	21100	21375			
Frequency (MHz)				20825	21100	21375			
15	QPSK	1	0	22.85	22.98	23.03			
15	QPSK	1	37	22.78	22.87	22.82	24	0	
15	QPSK	1	74	22.92	22.87	23.02			
15	QPSK	36	0	21.96	22.04	21.90	23	1	
15	QPSK	36	20	22.07	21.94	21.68			
15	QPSK	36	39	21.71	21.84	21.74			
15	QPSK	75	0	21.99	21.90	21.99			
15	16QAM	1	0	22.64	22.34	22.85			
15	16QAM	1	37	22.49	22.39	22.41	23	1	
15	16QAM	1	74	22.49	22.61	22.39			
15	16QAM	36	0	21.16	21.15	21.20			
15	16QAM	36	20	20.93	21.01	21.10	22	2	
15	16QAM	36	39	21.16	21.09	21.17			
15	16QAM	75	0	21.20	21.11	21.18			
Channel				20800	21100	21400			
Frequency (MHz)				20800	21100	21400			
10	QPSK	1	0	23.05	23.07	22.95			
10	QPSK	1	25	22.99	22.88	22.88	24	0	
10	QPSK	1	49	23.03	22.88	23.04			
10	QPSK	25	0	21.84	22.08	21.96	23	1	
10	QPSK	25	12	22.12	21.91	21.71			
10	QPSK	25	25	21.79	21.93	21.72			
10	QPSK	50	0	22.03	22.00	21.96			
10	16QAM	1	0	22.47	22.44	22.51	23	1	
10	16QAM	1	25	22.60	22.38	22.36			
10	16QAM	1	49	22.35	22.49	22.57			
10	16QAM	25	0	21.24	21.23	21.23	22	2	
10	16QAM	25	12	21.00	21.08	21.14			
10	16QAM	25	25	21.04	21.10	21.16			
10	16QAM	50	0	21.25	21.13	20.98			
Channel				21075	21100	21325			
Frequency (MHz)				21075	21100	21325			
5	QPSK	1	0	22.94	22.84	22.88			
5	QPSK	1	12	22.86	22.85	22.86	24	0	
5	QPSK	1	24	23.04	22.80	22.84			
5	QPSK	12	0	21.86	22.08	22.02	23	1	
5	QPSK	12	7	22.08	22.04	21.92			
5	QPSK	12	13	21.87	21.75	21.77			
5	QPSK	25	0	21.97	22.04	22.03			
5	16QAM	1	0	22.53	22.37	22.73	23	1	
5	16QAM	1	12	22.50	22.47	22.39			
5	16QAM	1	24	22.35	22.56	22.35			
5	16QAM	12	0	21.29	21.10	21.26	22	2	
5	16QAM	12	7	20.99	21.16	21.05			
5	16QAM	12	13	21.04	21.10	21.10			
5	16QAM	25	0	21.17	21.10	21.17			

Band 13_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
10	QPSK	1	0	23.08	23.03	23.03			
10	QPSK	1	25	23.03	23.02	23.02	24	0	
10	QPSK	1	49	23.03	23.02	23.02			
10	QPSK	25	0	21.82	21.85	21.89	23	1	
10	QPSK	25	12	21.85	21.89	21.89			
10	QPSK	25	25	21.85	21.89	21.89			
10	QPSK	50	0	22.11	22.11	22.11			
10	16QAM	1	0	22.22	22.22	22.22	23	1	
10	16QAM	1	25	22.13	22.13	22.13			
10	16QAM	1	49	22.26	22.26	22.26			
10	16QAM	25	0	21.38	21.38	21.38			
10	16QAM	25	12	21.26	21.26	21.26	22	2	
10	16QAM	25	25	21.19	21.19	21.19			
10	16QAM	50	0	21.17	21.17	21.17			
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
5	QPSK	1	0	22.97	23.04	23.00			
5	QPSK	1	12	22.87	22.93	22.88	24	0	
5	QPSK	1	24	22.84	23.00	23.03			
5	QPSK	12	0	21.76	21.82	21.81	23	1	
5	QPSK	12	7	21.71	21.83	21.76			
5	QPSK	12	13	21.87	21.84	21.71			
5	QPSK	25	0	22.06	21.89	21.91			
5	16QAM	1	0	22.00	22.17	22.12	23	1	
5	16QAM	1	12	22.07	21.95	22.00			
5	16QAM	1	24	22.20	22.14	22.23			
5	16QAM	12	0	21.29	21.26	21.30	22	2	
5	16QAM	12	7	21.08	21.28	21.14			
5	16QAM	12	13	21.17	21.16	21.16			
5	16QAM	25	0	21.03	21.18	21.06			



Band 26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				26765	26865	26965			
Frequency (MHz)				831.5	831.5	841.5			
15	QPSK	1	0	23.19	23.24	23.12	24	0	
15	QPSK	1	37	23.12	23.22	23.15			
15	QPSK	1	74	23.02	23.18	23.17			
15	QPSK	38	0	22.21	22.25	22.15	23	1	
15	QPSK	38	20	22.10	22.12	22.10			
15	QPSK	38	39	22.14	22.11	22.06			
15	QPSK	75	0	22.19	22.22	22.07			
15	16QAM	1	0	22.09	22.21	22.14	23	1	
15	16QAM	1	37	22.04	22.13	22.12			
15	16QAM	1	74	22.09	22.19	22.08			
15	16QAM	38	0	20.97	21.12	21.14	22	2	
15	16QAM	38	20	21.04	21.18	21.09			
15	16QAM	38	39	20.83	20.98	20.90			
15	16QAM	75	0	21.17	21.19	21.08			
Channel									
Frequency (MHz)				26749	26855	26960			
Frequency (MHz)				831.9	831.9	841.4			
10	QPSK	1	0	23.07	23.13	23.02	24	0	
10	QPSK	1	25	23.13	23.23	23.03			
10	QPSK	1	49	22.88	23.19	23.15			
10	QPSK	25	0	22.07	22.25	22.07	23	1	
10	QPSK	25	12	22.10	21.94	22.00			
10	QPSK	25	25	22.15	22.10	21.87			
10	QPSK	50	0	22.17	22.09	21.90	23	1	
10	16QAM	1	0	21.98	22.06	21.83			
10	16QAM	1	25	22.03	21.95	22.02			
10	16QAM	1	49	21.98	22.13	22.07			
10	16QAM	25	0	20.77	20.91	21.13	22	2	
10	16QAM	25	12	20.83	20.87	20.87			
10	16QAM	25	25	20.83	20.87	20.87			
10	16QAM	50	0	21.03	20.99	20.95			
Channel									
Frequency (MHz)				26715	26865	27015			
Frequency (MHz)				831.5	831.5	841.5			
5	QPSK	1	0	23.21	23.13	23.00	24	0	
5	QPSK	1	12	23.12	23.12	22.97			
5	QPSK	1	24	22.92	23.04	23.14			
5	QPSK	12	0	22.23	22.07	21.98	23	1	
5	QPSK	12	7	22.02	22.09	22.02			
5	QPSK	12	13	22.04	22.01	21.85			
5	QPSK	25	0	21.99	22.03	21.96	23	1	
5	16QAM	1	0	21.95	22.10	21.97			
5	16QAM	1	12	21.95	21.95	22.12			
5	16QAM	1	24	21.90	22.06	21.94	22	2	
5	16QAM	12	0	20.75	21.00	21.09			
5	16QAM	12	7	21.01	21.05	20.90			
5	16QAM	12	13	20.75	20.87	20.83			
5	16QAM	25	0	21.08	21.11	20.92			
Channel									
Frequency (MHz)				26705	26855	27005			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.00	23.13	22.95	24	0	
3	QPSK	1	8	23.07	23.19	23.00			
3	QPSK	1	14	22.91	23.15	23.10			
3	QPSK	8	0	22.22	22.15	22.04	23	1	
3	QPSK	8	4	22.04	22.09	21.97			
3	QPSK	8	7	22.03	22.07	21.94			
3	QPSK	15	0	22.15	22.21	22.07	23	1	
3	16QAM	1	0	22.01	22.17	22.09			
3	16QAM	1	8	21.83	21.95	21.90			
3	16QAM	1	14	21.97	22.10	22.00	22	2	
3	16QAM	8	0	20.78	21.02	21.02			
3	16QAM	8	4	20.86	21.09	21.09			
3	16QAM	8	7	20.81	20.97	20.86			
3	16QAM	15	0	21.05	20.98	21.05			
Channel									
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.17	23.13	23.09	24	0	
1.4	QPSK	1	3	23.02	23.10	23.00			
1.4	QPSK	1	5	22.98	23.09	23.06			
1.4	QPSK	3	0	23.11	23.16	22.98	23	1	
1.4	QPSK	3	1	23.04	23.04	23.07			
1.4	QPSK	3	3	22.96	23.08	23.03			
1.4	QPSK	6	0	22.17	22.22	22.00	23	1	
1.4	16QAM	1	0	21.95	22.00	21.94			
1.4	16QAM	1	3	21.99	21.99	21.89			
1.4	16QAM	1	5	22.01	22.06	22.05	22	2	
1.4	16QAM	3	0	22.02	22.01	22.00			
1.4	16QAM	3	1	22.07	22.02	21.96			
1.4	16QAM	3	3	22.09	22.04	22.02			
1.4	16QAM	6	0	20.75	20.95	21.01			

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				130072	130322	130572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	22.97	23.09	23.25	24	0	
20	QPSK	1	49	23.22	23.23	23.19			
20	QPSK	1	99	23.14	23.21	23.13			
20	QPSK	50	0	22.22	22.26	22.19	23	1	
20	QPSK	50	24	22.06	22.16	22.11			
20	QPSK	50	50	22.08	22.24	22.21			
20	QPSK	100	0	22.13	22.22	22.10	23	1	
20	16QAM	1	0	22.29	22.44	22.37			
20	16QAM	1	49	22.34	22.49	22.47			
20	16QAM	1	99	22.40	22.54	22.51	22	2	
20	16QAM	50	0	21.20	21.37	21.40			
20	16QAM	50	24	21.41	21.40	21.42			
20	16QAM	50	50	21.40	21.45	21.46			
20	16QAM	100	0	21.16	21.16	21.12			
Channel									
Frequency (MHz)				130047	130322	130597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	22.96	23.18	23.14	24	0	
15	QPSK	1	37	23.09	23.04	23.20			
15	QPSK	1	74	23.04	23.07	23.03			
15	QPSK	36	0	22.04	22.14	22.04	23	1	
15	QPSK	36	20	22.03	22.14	21.93			
15	QPSK	36	29	21.88	22.16	22.07			
15	QPSK	75	0	21.95	22.17	22.01	23	1	
15	16QAM	1	0	22.19	22.35	22.26			
15	16QAM	1	37	22.29	22.41	22.44			
15	16QAM	1	74	22.40	22.46	22.38	22	2	
15	16QAM	36	0	21.06	21.39	21.22			
15	16QAM	36	20	21.36	21.23	21.20			
15	16QAM	36	39	21.23	21.41	21.36			
15	16QAM	75	0	21.04	21.15	20.97			
Channel									
Frequency (MHz)				130022	130322	130622			
Frequency (MHz)				1717.5	1745	1772.5			
10	QPSK	1	0	22.93	23.08	23.20	24	0	
10	QPSK	1	25	23.01	23.09	23.16			
10	QPSK	1	49	22.95	23.22	23.11			
10	QPSK	1	74	22.97	22.97	22.19	23	1	
10	QPSK	25	12	21.85	22.00	21.98			
10	QPSK	25	25	21.88	22.25	22.15			
10	QPSK	50	0	22.03	22.10	22.10	23	1	
10	16QAM	1	0	22.30	22.32	22.30			
10	16QAM	1	25	22.27	22.32	22.29			
10	16QAM	1	49	22.25	22.47	22.44	22	2	
10	16QAM	25	0	21.12	21.18	21.35			
10	16QAM	25	12	21.31	21.28	21.33			
10	16QAM	25	25	21.22	21.25	21.27			
10	16QAM	50	0	21.12	21.06	20.98			
Channel									
Frequency (MHz)				130017	130322	130627			
Frequency (MHz)				1717.5	1745	1777.5			
5	QPSK	1	0	22.97	23.15	23.12	24	0	
5	QPSK	1	12	23.12	23.08	23.15			
5	QPSK	1	24	22.91	23.15	22.98			
5	QPSK	12	0	22.04	22.21	22.00	23	1	
5	QPSK	12	7	21.91	22.02	22.10			
5	QPSK	12	13	21.88	22.08	22.19			
5	QPSK	25	0	21.92	22.10	21.91	23	1	
5	16QAM	1	0	22.27	22.22	22.18			
5	16QAM	1	12	22.29	22.37	22.42			
5	16QAM	1	24	22.31	22.34	22.51	22	2	
5	16QAM	12	0	21.04	21.19	21.42			
5	16QAM	12	7	21.36	21.21	21.24			



Band 38_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.42	22.59	22.51	24	0
20	QPSK	1	49	22.35	22.83	22.33		
20	QPSK	1	99	22.34	22.45	22.43		
20	QPSK	50	0	21.66	21.89	21.51	23	1
20	QPSK	50	24	21.53	21.55	21.54		
20	QPSK	50	50	21.43	21.64	21.51		
20	QPSK	100	0	21.43	21.56	21.35	23	1
20	16QAM	1	0	21.89	21.96	21.77		
20	16QAM	1	49	21.83	21.90	21.90		
20	16QAM	1	99	21.82	21.95	21.80	22	2
20	16QAM	50	0	20.20	20.24	20.06		
20	16QAM	50	24	20.23	20.21	20.06		
20	16QAM	50	50	20.15	20.16	20.12	Channel	
Frequency (MHz)				37825	38000	38175		
Frequency (MHz)				25775	2595	26125		
15	QPSK	1	0	22.20	22.45	22.42	24	0
15	QPSK	1	37	22.21	22.45	22.28		
15	QPSK	1	74	22.17	22.25	22.30		
15	QPSK	36	0	21.61	21.59	21.33	23	1
15	QPSK	36	20	21.47	21.44	21.40		
15	QPSK	36	39	21.28	21.65	21.45		
15	QPSK	75	0	21.43	21.54	21.25	23	1
15	16QAM	1	0	21.73	21.89	21.55		
15	16QAM	1	37	21.66	21.88	21.88		
15	16QAM	1	74	21.70	21.83	21.76	22	2
15	16QAM	36	0	20.07	20.12	20.01		
15	16QAM	36	20	20.29	20.15	20.19		
15	16QAM	36	39	20.28	20.23	20.27	Channel	
Frequency (MHz)				37800	38000	38200		
Frequency (MHz)				25760	2595	26150		
10	QPSK	1	0	22.40	22.49	22.47	24	0
10	QPSK	1	25	22.32	22.42	22.12		
10	QPSK	1	49	22.24	22.33	22.37		
10	QPSK	25	0	21.53	21.58	21.38	23	1
10	QPSK	25	12	21.40	21.54	21.44		
10	QPSK	25	25	21.31	21.60	21.30		
10	QPSK	50	0	21.45	21.41	21.24	23	1
10	16QAM	1	0	21.83	21.97	21.71		
10	16QAM	1	25	21.89	21.91	21.79		
10	16QAM	1	49	21.82	21.75	21.71	22	2
10	16QAM	25	0	20.00	20.12	20.00		
10	16QAM	25	12	20.18	20.21	20.28		
10	16QAM	25	25	20.32	20.23	20.34	Channel	
Frequency (MHz)				37800	38000	38200		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.25	22.40	22.51	24	0
5	QPSK	1	12	22.21	22.40	22.14		
5	QPSK	1	24	22.04	22.27	22.32		
5	QPSK	12	0	21.47	21.51	21.30	23	1
5	QPSK	12	7	21.49	21.39	21.36		
5	QPSK	12	13	21.31	21.53	21.31		
5	QPSK	25	0	21.38	21.55	21.35	23	1
5	16QAM	1	0	21.84	21.84	21.68		
5	16QAM	1	12	21.82	21.84	21.92		
5	16QAM	1	24	21.82	21.76	21.58	22	2
5	16QAM	12	0	20.20	20.16	20.04		
5	16QAM	12	7	20.29	20.10	20.19		
5	16QAM	12	13	20.18	20.16	20.19	Channel	
Frequency (MHz)				2572.5	2595	2617.5		
5	16QAM	25	0	20.98	20.85	20.74		



Reduced Power Mode for DSI3

GSM850_Ant 1	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	32.13	32.19	32.15	33.50	23.13	23.19	23.15	24.50
GPRS 1 Tx slot	32.12	32.17	32.14	33.50	23.12	23.17	23.14	24.50
GPRS 2 Tx slots	30.49	30.52	30.49	31.50	24.49	24.52	24.49	25.50
GPRS 3 Tx slots	28.47	28.52	28.51	29.50	24.21	24.26	24.25	25.24
GPRS 4 Tx slots	26.46	26.53	26.54	27.50	23.46	23.53	23.54	24.50
EDGE 1 Tx slot	26.61	26.98	26.95	27.50	17.81	17.88	17.85	18.90
EDGE 2 Tx slots	24.72	24.77	24.75	26.50	18.72	18.77	18.75	20.50
EDGE 3 Tx slots	22.94	23.03	22.97	24.50	18.68	18.77	18.61	20.24
EDGE 4 Tx slots	21.08	21.12	20.98	22.00	18.08	18.12	17.98	19.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot	25.85	25.86	25.82	26.50	16.85	16.86	16.82	17.50
GPRS 1 Tx slot	25.82	25.83	25.79	26.50	16.82	16.83	16.79	17.50
GPRS 2 Tx slots	23.85	23.86	23.82	24.50	17.85	17.86	17.82	18.50
GPRS 3 Tx slots	21.79	21.81	21.80	22.50	17.53	17.55	17.54	18.24
GPRS 4 Tx slots	20.84	20.87	20.88	21.00	17.84	17.87	17.88	18.00
EDGE 1 Tx slot	22.25	22.28	22.30	23.00	13.25	13.28	13.30	14.00
EDGE 2 Tx slots	20.27	20.23	20.19	21.00	14.27	14.23	14.19	15.00
EDGE 3 Tx slots	17.80	17.75	17.76	18.50	13.54	13.49	13.50	14.24
EDGE 4 Tx slots	16.18	16.16	16.36	17.00	13.18	13.16	13.36	14.00

Band	WCDMA 8_Ant 1			Tune-up Limit (dBm)	WCDMA 8_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)	
	9982	9400	9938		1312	1413	1513		4132	4192	4233		
TX Channel	9982	9400	9938		1312	1413	1513		4132	4192	4233		
Rx Channel	9982	9900	9938		1537	1638	1738		4357	4497	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2kops	17.25	17.26	17.23	18.00	16.75	16.85	16.82	18.00	22.69	22.75	22.72	24.00
3GPP Rel 99	RMC 12.2kops	17.29	17.30	17.07	18.00	16.88	16.90	16.80	18.00	22.70	22.76	22.74	24.00
3GPP Rel 6	HSDPA Subtest-1	16.21	16.16	16.02	17.50	15.65	15.84	15.74	17.00	21.80	21.69	21.77	23.00
3GPP Rel 6	HSDPA Subtest-2	16.23	16.17	15.81	17.50	15.65	15.75	15.75	17.00	21.60	21.87	21.79	23.00
3GPP Rel 6	HSDPA Subtest-3	15.72	15.70	15.51	17.00	15.16	15.29	15.19	16.50	21.13	21.14	21.25	22.50
3GPP Rel 6	HSDPA Subtest-4	15.72	15.70	15.46	17.00	15.22	15.26	15.20	16.50	21.34	21.25	21.25	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.13	16.17	15.91	17.50	15.67	15.74	15.70	17.00	21.68	21.72	21.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.17	16.17	15.92	17.50	15.68	15.77	15.66	17.00	21.70	21.81	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.68	15.73	15.49	17.00	15.16	15.24	15.20	16.50	21.22	21.21	21.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.70	15.70	15.44	17.00	15.17	15.31	15.16	16.50	21.17	21.30	21.19	22.50
3GPP Rel 6	HSUPA Subtest-1	16.18	16.14	15.96	17.50	15.66	15.76	15.66	17.00	21.92	21.67	21.54	23.00
3GPP Rel 6	HSUPA Subtest-2	14.15	14.17	14.02	15.50	13.63	13.81	13.64	15.00	19.72	19.68	19.92	21.00
3GPP Rel 6	HSUPA Subtest-3	15.18	15.20	15.02	16.50	14.71	14.81	14.68	16.00	20.59	20.88	20.69	22.00
3GPP Rel 6	HSUPA Subtest-4	14.14	14.25	13.92	15.50	13.62	13.79	13.73	15.00	19.62	19.67	19.68	21.00
3GPP Rel 6	HSUPA Subtest-5	16.19	16.15	15.93	17.50	15.64	15.83	15.66	17.00	21.66	21.75	21.61	23.00



Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch / Freq	Power Mid Ch / Freq	Power Low Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				18700	18800	19100		
20	QPSK	1	0	16.72	16.52	16.85		
20	QPSK	1	49	16.28	16.37	16.31	18	0
20	QPSK	1	99	16.21	16.67	16.57		
20	QPSK	50	0	15.27	15.50	15.23		
20	QPSK	50	24	15.11	15.15	15.16	17	1
20	QPSK	50	50	15.20	15.45	15.31		
20	QPSK	100	0	15.23	15.37	15.33		
20	16QAM	1	49	15.32	15.54	15.53	17	1
20	16QAM	1	99	15.27	15.90	15.38		
20	16QAM	1	99	15.65	15.70	15.89		
20	16QAM	50	0	14.12	14.38	14.28		
20	16QAM	50	24	14.07	14.36	14.30	16	2
20	16QAM	50	50	14.12	14.68	14.60		
20	16QAM	100	0	14.13	14.54	14.46		
Channel				18875	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				18875	18900	18925		
15	QPSK	1	0	16.16	16.56	16.82		
15	QPSK	1	37	16.17	16.31	16.19	18	0
15	QPSK	1	74	16.09	16.58	16.41		
15	QPSK	36	0	15.11	15.06	15.16		
15	QPSK	36	20	15.00	15.01	15.06	17	1
15	QPSK	36	39	15.04	15.31	15.46		
15	QPSK	75	0	15.18	15.22	15.27		
15	16QAM	1	37	15.49	15.49	15.47	17	1
15	16QAM	1	37	15.17	15.74	15.29		
15	16QAM	1	74	15.53	15.57	15.81		
15	16QAM	36	0	14.61	14.26	14.14		
15	16QAM	36	20	14.06	14.24	14.17	16	2
15	16QAM	36	39	14.06	14.55	14.51		
15	16QAM	75	0	14.04	14.49	14.41		
Channel				18950	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				18950	18900	19150		
10	QPSK	1	0	16.17	16.45	16.76		
10	QPSK	1	25	16.21	16.22	16.22	18	0
10	QPSK	1	49	16.10	16.51	16.51		
10	QPSK	24	0	15.14	15.08	15.15		
10	QPSK	25	12	15.05	15.02	15.11	17	1
10	QPSK	25	25	15.05	15.31	15.44		
10	QPSK	50	0	15.17	15.24	15.22		
10	16QAM	1	25	15.16	15.45	15.41	17	1
10	16QAM	1	25	15.22	15.83	15.30		
10	16QAM	1	49	15.48	15.54	15.76		
10	16QAM	25	0	14.08	14.33	14.16		
10	16QAM	25	12	14.03	14.22	14.15	16	2
10	16QAM	25	25	14.00	14.55	14.40		
10	16QAM	50	0	14.05	14.48	14.33		
Channel				18975	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				18975	18900	19175		
5	QPSK	1	0	16.20	16.49	16.86		
5	QPSK	1	12	16.19	16.32	16.18	18	0
5	QPSK	1	24	16.09	16.58	16.41		
5	QPSK	12	0	15.22	15.15	15.07		
5	QPSK	12	7	15.04	15.05	15.03	17	1
5	QPSK	12	13	15.11	15.31	15.43		
5	QPSK	25	0	15.07	15.27	15.24		
5	16QAM	1	0	15.24	15.46	15.45	17	1
5	16QAM	1	12	15.16	15.74	15.22		
5	16QAM	1	24	15.60	15.58	15.73		
5	16QAM	12	0	14.08	14.23	14.23	16	2
5	16QAM	12	7	14.01	14.22	14.22		
5	16QAM	12	13	14.04	14.56	14.48		
5	16QAM	25	0	14.07	14.43	14.36		
Channel				18975	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				18975	18900	19175		
3	QPSK	1	0	16.24	16.53	16.79		
3	QPSK	1	8	16.22	16.51	16.16	18	0
3	QPSK	1	14	16.12	16.61	16.52		
3	QPSK	8	0	15.14	15.10	15.13		
3	QPSK	8	4	15.03	15.05	15.14	17	1
3	QPSK	8	7	15.04	15.33	15.41		
3	QPSK	15	0	15.16	15.16	15.31		
3	16QAM	1	0	15.18	15.43	15.38	17	1
3	16QAM	1	8	15.20	15.85	15.32		
3	16QAM	1	14	15.55	15.55	15.81		
3	16QAM	8	0	14.07	14.30	14.21		
3	16QAM	8	4	14.01	14.25	14.19	16	2
3	16QAM	8	7	14.03	14.58	14.45		
3	16QAM	15	0	14.00	14.45	14.33		
Channel				18975	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				18975	18900	19175		
1.4	QPSK	1	0	16.24	16.48	16.86		
1.4	QPSK	1	3	16.19	16.27	16.21	18	0
1.4	QPSK	1	5	16.09	16.62	16.50		
1.4	QPSK	3	0	16.25	16.45	16.79		
1.4	QPSK	3	1	16.15	16.22	16.23		
1.4	QPSK	3	3	16.07	16.61	16.44		
1.4	QPSK	6	0	15.17	15.17	15.31	17	1
1.4	16QAM	1	0	15.28	15.45	15.48		
1.4	16QAM	1	3	15.18	15.81	15.28	17	1
1.4	16QAM	1	5	15.57	15.63	15.81		
1.4	16QAM	3	0	15.19	15.36	15.34		
1.4	16QAM	3	1	15.12	15.69	15.12		
1.4	16QAM	3	3	15.44	15.51	15.70		
1.4	16QAM	6	0	14.17	14.48	14.37	16	2

Band 4_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch / Freq	Power Mid Ch / Freq	Power Low Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				20650	20175	20300		
20	QPSK	1	0	17.00	16.68	16.27		
20	QPSK	1	49	17.93	18.19	17.92	19.5	0
20	QPSK	1	99	18.12	18.63	18.59		
20	QPSK	50	0	17.02	17.88	17.26		
20	QPSK	50	24	17.24	17.50	17.64	18.5	1
20	QPSK	50	50	17.27	17.87	17.48		
20	QPSK	100	0	17.11	17.71	17.31		
20	16QAM	1	0	17.38	18.06	17.59	18.5	1
20	16QAM	1	49	17.95	17.56	17.76		
20	16QAM	1	99	17.71	18.11	18.08		
20	16QAM	50	0	16.33	16.50	16.06		
20	16QAM	50	24	16.17	16.39	16.23	17.5	2
20	16QAM	50	50	16.32	16.73	16.32		
20	16QAM	100	0	16.23	16.62	16.27		
Channel				20625	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20625	20175	20325		
15	QPSK	1	0	17.05	16.22	16.92		
15	QPSK	1	37	17.83	18.10	17.82	19.5	0
15	QPSK	1	74	18.05	18.63	18.53		
15	QPSK	36	0	16.97	17.44	17.10		
15	QPSK	36	20	17.15	17.39	16.96	18.5	1
15	QPSK	36	39	17.19	17.73	17.38		
15	QPSK	75	0	17.02	17.64	17.22		
15	16QAM	1	37	17.26	17.97	17.51		
15	16QAM	1	37	17.48	17.47	17.68	18.5	1
15	16QAM	1	74	17.59	18.00	17.97		
15	16QAM	36	0	16.23	16.36	15.92		
15	16QAM	36	20	16.10	16.30	16.15	17.5	2
15	16QAM	36	39	16.25	16.63	16.19		
15	16QAM	75	0	16.13	16.49	16.20		
Channel				20600	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20600	20175	20350		
10	QPSK	1	0	17.90	16.22	16.17		
10	QPSK	1	25	17.84	18.04	17.87	19.5	0
10	QPSK	1	49	17.96	18.64	18.44		
10	QPSK	25	0	16.98	17.52	17.13		
10	QPSK	25	12	17.09	17.45	16.92	18.5	1
10	QPSK	25	25	17.22	17.72	17.40		
10	QPSK	50	0	17.02	17.67	17.26		
10	16QAM	1	0	17.28	17.93	17.50	18.5	1
10	16QAM	1	25	17.42	17.41	17.64		
10	16QAM	1	49	17.55	17.97	18.00		
10	16QAM	25	0	16.26	16.36	15.95		
10	16QAM	25	12	16.08	16.30	16.10	17.5	2
10	16QAM	25	25	16.22	16.58	16.18		
10	16QAM	50	0	16.10	16.53	16.12		
Channel				20575	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20575	20175	20375		
5	QPSK	1	0	17.85	16.30	16.15		
5	QPSK	1	12	17.82	18.11	17.86		



Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	12.34	12.62	13.23			
20	QPSK	1	49	12.27	12.23	12.27	14	0	
20	QPSK	1	99	12.67	12.03	12.09			
20	QPSK	50	0	11.51	11.79	11.89			
20	QPSK	50	24	11.46	11.41	11.33	13	1	
20	QPSK	50	50	11.43	11.38	11.03			
20	QPSK	100	0	11.25	11.28	11.38			
20	16QAM	1	0	11.85	12.18	12.56			
20	16QAM	1	49	11.32	11.34	11.51	13	1	
20	16QAM	1	99	11.98	11.39	11.15			
20	16QAM	50	0	10.12	10.60	11.29			
20	16QAM	50	24	10.09	10.21	10.42	12	2	
20	16QAM	50	50	10.43	10.15	10.11			
20	16QAM	100	0	10.25	10.36	10.35			
Channel				20825	21100	21375			
Frequency (MHz)				20825	21100	21375			
15	QPSK	1	0	12.27	12.34	13.12			
15	QPSK	1	37	12.13	12.15	12.22	14	0	
15	QPSK	1	74	12.57	12.07	12.05			
15	QPSK	36	0	11.36	11.65	11.84			
15	QPSK	36	20	11.35	11.29	11.23	13	1	
15	QPSK	36	39	11.28	11.22	11.08			
15	QPSK	75	0	11.13	11.19	11.29			
15	16QAM	1	0	11.55	12.13	12.44			
15	16QAM	1	37	11.22	11.20	11.35	13	1	
15	16QAM	1	74	11.85	11.26	11.12			
15	16QAM	36	0	10.06	10.50	11.13			
15	16QAM	36	20	10.15	10.16	10.31	12	2	
15	16QAM	36	39	10.28	10.00	10.04			
15	16QAM	75	0	10.09	10.23	10.24			
Channel				20800	21100	21400			
Frequency (MHz)				20800	21100	21400			
10	QPSK	1	0	12.22	12.66	13.11			
10	QPSK	1	25	12.16	12.13	12.13	14	0	
10	QPSK	1	49	12.51	12.02	12.08			
10	QPSK	25	0	11.37	11.72	11.73			
10	QPSK	25	12	11.33	11.36	11.27	13	1	
10	QPSK	25	25	11.38	11.24	11.06			
10	QPSK	50	0	11.10	11.15	11.26			
10	16QAM	1	0	11.60	12.02	12.42			
10	16QAM	1	25	11.20	11.20	11.46	13	1	
10	16QAM	1	49	11.80	11.33	11.05			
10	16QAM	25	0	10.05	10.50	11.14			
10	16QAM	25	12	10.02	10.12	10.31	12	2	
10	16QAM	25	25	10.30	10.04	10.01			
10	16QAM	50	0	10.18	10.28	10.24			
Channel				21075	21100	21325			
Frequency (MHz)				21075	21100	21325			
5	QPSK	1	0	12.20	12.69	13.08			
5	QPSK	1	12	12.14	12.16	12.20	14	0	
5	QPSK	1	24	12.53	12.03	12.00			
5	QPSK	12	0	11.43	11.73	11.77			
5	QPSK	12	7	11.38	11.29	11.19	13	1	
5	QPSK	12	13	11.30	11.22	11.09			
5	QPSK	25	0	11.13	11.17	11.20			
5	16QAM	1	0	11.51	12.08	12.50			
5	16QAM	1	12	11.21	11.21	11.35	13	1	
5	16QAM	1	24	11.87	11.27	11.05			
5	16QAM	12	0	10.03	10.45	11.14			
5	16QAM	12	7	10.04	10.05	10.33	12	2	
5	16QAM	12	13	10.30	10.09	10.00			
5	16QAM	25	0	10.12	10.23	10.20			

Band 13_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
10	QPSK	1	0	23.06					
10	QPSK	1	25	23.03			24	0	
10	QPSK	1	49	23.02					
10	QPSK	25	0	21.82					
10	QPSK	25	12	21.85			23	1	
10	QPSK	25	25	21.89					
10	QPSK	50	0	22.11					
10	16QAM	1	0	22.22					
10	16QAM	1	25	22.13			23	1	
10	16QAM	1	49	22.26					
10	16QAM	25	0	21.38					
10	16QAM	25	12	21.28			22	2	
10	16QAM	25	25	21.19					
10	16QAM	50	0	21.17					
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
5	QPSK	1	0	22.97	23.04	23.00			
5	QPSK	1	12	22.87	22.93	22.88	24	0	
5	QPSK	1	24	22.84	23.00	23.03			
5	QPSK	12	0	21.78	21.82	21.81			
5	QPSK	12	7	21.71	21.63	21.76	23	1	
5	QPSK	12	13	21.87	21.84	21.71			
5	QPSK	25	0	22.06	21.89	21.91			
5	16QAM	1	0	22.00	22.17	22.12			
5	16QAM	1	12	22.07	21.95	22.00	23	1	
5	16QAM	1	24	22.20	22.14	22.23			
5	16QAM	12	0	21.29	21.28	21.30			
5	16QAM	12	7	21.08	21.28	21.14	22	2	
5	16QAM	12	13	21.17	21.16	21.16			
5	16QAM	25	0	21.03	21.18	21.06			



Band 26_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				26765	26865	26965				
Frequency (MHz)				811.5	831.5	841.5				
15	QPSK	1	0	23.19	23.24	23.12	24	0		
15	QPSK	1	37	23.12	23.22	23.15				
15	QPSK	1	74	23.02	23.18	23.17				
15	QPSK	38	0	22.21	22.25	22.15	23	1		
15	QPSK	38	20	22.10	22.12	22.10				
15	QPSK	38	39	22.14	22.11	22.06				
15	QPSK	75	0	22.19	22.22	22.07	23	1		
15	16QAM	1	0	22.09	22.21	22.14				
15	16QAM	1	37	22.04	22.13	22.12				
15	16QAM	1	74	22.09	22.19	22.08	22	2		
15	16QAM	38	0	20.97	21.12	21.14				
15	16QAM	38	20	21.04	21.18	21.09				
15	16QAM	38	39	20.83	20.98	20.90	22	2		
15	16QAM	75	0	21.17	21.19	21.08				
Channel				26749	26855	26960				
Frequency (MHz)				813.0	833.0	843.0				
10	QPSK	1	0	23.07	23.13	23.02	24	0		
10	QPSK	1	25	23.13	23.23	23.03				
10	QPSK	1	49	22.88	23.19	23.15				
10	QPSK	25	0	22.07	22.25	22.07	23	1		
10	QPSK	25	12	22.10	21.94	22.00				
10	QPSK	25	25	22.15	22.10	21.87				
10	QPSK	50	0	22.17	22.09	21.90	23	1		
10	16QAM	1	0	21.98	22.08	21.93				
10	16QAM	1	25	22.03	21.92	22.02				
10	16QAM	1	49	21.98	22.13	22.07	22	2		
10	16QAM	25	0	20.77	20.91	21.13				
10	16QAM	25	12	21.03	21.05	20.98				
10	16QAM	25	25	20.83	20.87	20.87	22	2		
10	16QAM	50	0	21.03	20.99	20.95				
Channel				26715	26865	27015				
Frequency (MHz)				815.5	835.5	845.5				
5	QPSK	1	0	23.21	23.13	23.00	24	0		
5	QPSK	1	12	23.12	23.12	22.97				
5	QPSK	1	24	22.92	23.04	23.14				
5	QPSK	12	0	22.23	22.07	21.98	23	1		
5	QPSK	12	7	22.02	22.09	22.02				
5	QPSK	12	13	22.04	22.01	21.85				
5	QPSK	25	0	21.99	22.03	21.96	23	1		
5	16QAM	1	0	21.98	22.10	21.97				
5	16QAM	1	12	21.95	21.95	22.12				
5	16QAM	1	24	21.90	22.06	21.94	22	2		
5	16QAM	12	0	20.75	21.00	21.09				
5	16QAM	12	7	21.01	21.06	20.90				
5	16QAM	12	13	20.75	20.87	20.83	22	2		
5	16QAM	25	0	21.08	21.11	20.92				
Channel				26702	26855	27002				
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	23.00	23.13	22.96	24	0		
3	QPSK	1	8	23.07	23.19	23.00				
3	QPSK	1	14	22.91	23.15	23.10				
3	QPSK	8	0	22.22	22.15	22.04	23	1		
3	QPSK	8	4	22.04	22.09	21.97				
3	QPSK	8	7	22.03	22.07	21.94				
3	QPSK	15	0	22.16	22.21	22.07	23	1		
3	16QAM	1	0	22.01	22.17	22.09				
3	16QAM	1	8	21.83	21.95	21.90				
3	16QAM	1	14	21.97	22.10	22.00	22	2		
3	16QAM	8	0	20.78	21.02	21.02				
3	16QAM	8	4	20.86	21.09	21.09				
3	16QAM	8	7	20.81	20.97	20.86	22	2		
3	16QAM	15	0	21.05	20.98	21.05				
Channel				26697	26855	27003				
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	23.17	23.13	23.09	24	0		
1.4	QPSK	1	3	23.02	23.10	23.00				
1.4	QPSK	1	5	22.98	23.09	23.06				
1.4	QPSK	3	0	23.11	23.16	22.98	23	1		
1.4	QPSK	3	1	23.04	23.04	23.07				
1.4	QPSK	3	3	22.96	23.08	23.03				
1.4	QPSK	6	0	22.17	22.22	22.00	23	1		
1.4	16QAM	1	0	21.95	22.00	21.94				
1.4	16QAM	1	3	21.99	21.99	21.89				
1.4	16QAM	1	5	22.01	22.06	22.05	23	1		
1.4	16QAM	3	0	22.02	22.01	22.00				
1.4	16QAM	3	1	22.07	22.02	21.96				
1.4	16QAM	3	3	22.09	22.04	22.02	22	2		
1.4	16QAM	6	0	20.75	20.96	21.01				

Band 66_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1724	1745	1770				
20	QPSK	1	0	18.34	18.34	18.28	19.5	0		
20	QPSK	1	49	18.19	18.35	18.16				
20	QPSK	1	99	18.62	18.70	18.39				
20	QPSK	50	0	16.94	17.40	16.91	18.5	1		
20	QPSK	50	24	16.98	17.04	16.85				
20	QPSK	50	50	17.25	17.34	17.08				
20	QPSK	100	0	17.09	17.30	16.93	18.5	1		
20	16QAM	1	0	17.26	17.63	17.20				
20	16QAM	1	49	17.44	17.22	17.15				
20	16QAM	1	99	17.83	17.78	17.38	17.5	2		
20	16QAM	50	0	15.88	16.18	15.88				
20	16QAM	50	24	15.83	16.05	15.84				
20	16QAM	50	50	16.18	16.07	16.16	17.5	2		
20	16QAM	100	0	16.00	16.28	15.98				
Channel				132047	132322	132557				
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	18.28	18.32	18.11	19.5	0		
15	QPSK	1	37	18.06	18.23	18.03				
15	QPSK	1	74	18.55	18.68	18.24				
15	QPSK	38	0	16.78	17.10	16.83	18.5	1		
15	QPSK	38	20	16.83	16.99	16.71				
15	QPSK	38	39	17.15	17.34	16.98				
15	QPSK	75	0	16.95	17.14	16.83	18.5	1		
15	16QAM	1	0	17.18	17.48	17.06				
15	16QAM	1	37	17.00	17.12	17.08				
15	16QAM	1	74	17.69	17.73	17.31	17.5	2		
15	16QAM	38	0	15.81	16.12	15.81				
15	16QAM	38	20	15.71	15.88	15.79				
15	16QAM	38	39	16.08	16.33	16.07	17.5	2		
15	16QAM	75	0	15.89	16.20	15.88				
Channel				132022	132322	132622				
Frequency (MHz)				1715.0	1745	1772.5				
10	QPSK	1	0	18.24	18.47	18.10	19.5	0		
10	QPSK	1	25	18.11	18.27	18.01				
10	QPSK	1	49	18.51	18.65	18.24				
10	QPSK	25	0	16.97	17.18	16.86	18.5	1		
10	QPSK	25	12	16.73	16.96	16.72				
10	QPSK	25	25	17.18	17.37	17.03				
10	QPSK	50	0	16.97	17.18	16.86	18.5	1		
10	16QAM	1	0	17.12	17.54	17.15				
10	16QAM	1	25	17.08	17.14	17.02				
10	16QAM	1	49	17.71	17.73	17.23	17.5	2		
10	16QAM	25	0	15.77	16.04	15.70				
10	16QAM	25	12	15.70	15.97	15.73				
10	16QAM	25	25	16.05	16.40	16.02	17.5	2		
10	16QAM	50	0	15.90	16.13	15.84				
Channel				131997	132322	132622				
Frequency (MHz)				1712.5	1745	1772.5				
5	QPSK	1	0	18.28	18.43	18.15	19.5	0		
5	QPSK	1	12	18.14	18.22	18.02				
5	QPSK	1	24	18.56	18.68	18.28				
5	QPSK	12	0	16.88	17.11	16.75	18.5	1		
5	QPSK	12	7	16.78	16.96	16.69				
5	QPSK	12	13	17.11	17.31	17.02				
5	QPSK	25	0	16.98	17.20	16.82	18.5	1		
5	16QAM	1	0	17.11	17.54	17.06				
5	16QAM	1	12	17.03	17.09	17.04				
5	16QAM	1	24	17.76	17.72	17.26	17.5	2		
5	16QAM	12	0	15.78	16.13	15.75				
5	16QAM	12	7	15.67	15.94	15.79				
5	16QAM	12	13	16.13	16.41	16.10	17.5	2		
5	16QAM	25	0	15.86	16.19	15.88				
Channel				131972	132322	132622				
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	18.25	18.49	18.17	19.5	0		
3	QPSK	1	8	18.08	18.26	18.00				
3	QPSK	1	14	18.53	18.61	18.31				
3	QPSK	8	0	16.79	17.10	16.83				



Band 38_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.00	15.20	15.00	16.5	0
20	QPSK	1	49	14.70	14.72	14.58		
20	QPSK	1	99	14.69	14.82	14.74		
20	QPSK	50	0	13.84	13.85	13.62	15.5	1
20	QPSK	50	24	13.60	13.50	13.55		
20	QPSK	50	50	13.65	13.64	13.55		
20	QPSK	100	0	13.72	13.75	13.58		
20	16QAM	1	0	14.17	14.18	14.11	15.5	1
20	16QAM	1	49	13.80	13.58	13.51		
20	16QAM	1	99	13.89	13.92	13.84		
20	16QAM	50	0	12.85	12.86	12.63	14.5	2
20	16QAM	50	24	12.62	12.53	12.57		
20	16QAM	50	50	12.65	12.64	12.53		
20	16QAM	100	0	12.74	12.74	12.58		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2617.5		
15	QPSK	1	0	15.01	15.24	14.99	16.5	0
15	QPSK	1	37	14.77	14.81	14.72		
15	QPSK	1	74	14.70	14.89	14.84		
15	QPSK	36	0	13.89	13.68	13.69	15.5	1
15	QPSK	36	20	13.60	13.58	13.52		
15	QPSK	36	39	13.67	13.69	13.54		
15	QPSK	75	0	13.82	13.83	13.63		
15	16QAM	1	0	14.26	14.24	14.11	15.5	1
15	16QAM	1	37	13.89	13.57	13.59		
15	16QAM	1	74	13.89	13.95	13.86		
15	16QAM	36	0	12.92	12.85	12.72	14.5	2
15	16QAM	36	20	12.63	12.61	12.51		
15	16QAM	36	39	12.67	12.74	12.58		
15	16QAM	75	0	12.77	12.83	12.62		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.06	15.22	15.06	16.5	0
10	QPSK	1	25	14.69	14.71	14.65		
10	QPSK	1	49	14.66	14.81	14.82		
10	QPSK	25	0	13.92	13.84	13.61	15.5	1
10	QPSK	25	12	13.67	13.55	13.51		
10	QPSK	25	25	13.64	13.65	13.57		
10	QPSK	50	0	13.81	13.63	13.60	15.5	1
10	16QAM	1	0	14.21	14.19	14.10		
10	16QAM	1	25	13.84	13.62	13.60		
10	16QAM	1	49	13.77	13.92	13.83		
10	16QAM	25	0	12.91	12.94	12.66	14.5	2
10	16QAM	25	12	12.71	12.58	12.50		
10	16QAM	25	25	12.66	12.72	12.58		
10	16QAM	50	0	12.73	12.75	12.58		
Channel				37825	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.00	15.20	15.07	16.5	0
5	QPSK	1	12	14.71	14.81	14.61		
5	QPSK	1	24	14.66	14.82	14.63		
5	QPSK	12	0	13.89	13.86	13.61	15.5	1
5	QPSK	12	7	13.65	13.59	13.52		
5	QPSK	12	13	13.64	13.68	13.55		
5	QPSK	25	0	13.77	13.79	13.62		
5	16QAM	1	0	14.25	14.23	14.18	15.5	1
5	16QAM	1	12	13.68	13.58	13.59		
5	16QAM	1	24	13.70	14.01	13.94		
5	16QAM	12	0	12.88	12.89	12.69	14.5	2
5	16QAM	12	7	12.71	12.52	12.56		
5	16QAM	12	13	12.72	12.74	12.59		
5	16QAM	25	0	12.82	12.73	12.60		



Reduced Power Mode for DSI4

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	126	169	251		126	169	251	
TX Channel	126	169	251		126	169	251	
Frequency (MHz)	824.2	824.4	848.8		824.2	824.4	848.8	
GSM 1 Tx slot	32.13	32.19	32.15	33.50	23.13	23.19	23.15	24.50
GPRS 1 Tx slot	32.12	32.17	32.14	33.50	23.12	23.17	23.14	24.50
GPRS 2 Tx slots	30.49	30.52	30.49	31.50	24.49	24.52	24.49	25.50
GPRS 3 Tx slots	28.47	28.52	28.51	29.50	24.21	24.26	24.25	25.24
GPRS 4 Tx slots	26.46	26.53	26.54	27.50	23.46	23.53	23.54	24.50
EDGE 1 Tx slot	26.81	26.88	26.85	27.50	17.81	17.88	17.85	18.50
EDGE 2 Tx slots	24.72	24.77	24.75	26.50	18.72	18.77	18.75	20.50
EDGE 3 Tx slots	22.94	23.03	22.87	24.50	18.68	18.77	18.61	20.24
EDGE 4 Tx slots	21.08	21.12	20.96	22.00	18.08	18.12	17.96	19.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1852.2	1850	1929.8		1852.2	1850	1929.8	
GSM 1 Tx slot	29.13	29.29	29.25	30.50	20.13	20.29	20.25	21.50
GPRS 1 Tx slot	29.11	29.28	29.24	30.50	20.11	20.28	20.24	21.50
GPRS 2 Tx slots	27.43	27.59	27.58	28.50	21.43	21.59	21.58	22.50
GPRS 3 Tx slots	25.80	25.60	25.56	26.50	21.34	21.34	21.30	22.24
GPRS 4 Tx slots	23.69	23.68	23.63	24.50	20.69	20.68	20.63	22.00
EDGE 1 Tx slot	25.91	25.95	25.98	27.00	16.91	16.95	16.98	18.00
EDGE 2 Tx slots	23.62	23.73	23.75	25.00	17.62	17.73	17.75	19.00
EDGE 3 Tx slots	21.45	21.44	21.45	22.50	17.19	17.18	17.19	18.24
EDGE 4 Tx slots	19.76	19.83	19.67	21.00	16.76	16.83	16.67	18.00

Band	WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9562	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1652.4	1680	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	22.51	22.64	22.45	24.00	22.75	22.95	22.83	24.00	22.69	22.75	22.72	24.00
3GPP Rel 99	RMC 12.2Kbps	22.54	22.66	22.46	24.00	22.77	22.96	22.86	24.00	22.70	22.76	22.74	24.00
3GPP Rel 6	HSDPA Subtest-1	21.68	21.61	21.65	23.00	22.09	21.99	21.92	23.00	21.80	21.69	21.77	23.00
3GPP Rel 6	HSDPA Subtest-2	21.60	21.76	21.60	23.00	21.86	22.16	21.94	23.00	21.60	21.67	21.79	23.00
3GPP Rel 6	HSDPA Subtest-3	21.11	21.07	21.19	22.50	21.38	21.30	21.56	22.50	21.13	21.14	21.25	22.50
3GPP Rel 6	HSDPA Subtest-4	21.16	21.16	21.22	22.50	21.38	21.44	21.60	22.50	21.34	21.25	21.25	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.99	21.64	21.65	23.00	21.83	21.95	21.98	23.00	21.68	21.72	21.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.61	21.72	21.58	23.00	21.89	22.08	21.83	23.00	21.70	21.61	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.02	21.20	21.06	22.50	21.35	21.58	21.43	22.50	21.22	21.21	21.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.07	21.11	21.10	22.50	21.35	21.45	21.52	22.50	21.17	21.30	21.19	22.50
3GPP Rel 6	HSUPA Subtest-1	21.72	21.66	21.54	23.00	21.98	22.00	21.91	23.00	21.92	21.67	21.54	23.00
3GPP Rel 6	HSUPA Subtest-2	19.57	19.78	19.71	21.00	19.99	20.16	19.96	21.00	19.72	19.88	19.92	21.00
3GPP Rel 6	HSUPA Subtest-3	20.99	20.72	20.68	22.00	20.94	21.00	20.92	22.00	20.56	20.88	20.69	22.00
3GPP Rel 6	HSUPA Subtest-4	19.58	19.66	19.67	21.00	19.79	20.06	19.98	21.00	19.62	19.67	19.68	21.00
3GPP Rel 6	HSUPA Subtest-5	21.66	21.75	21.62	23.00	22.02	22.00	21.87	23.00	21.66	21.75	21.61	23.00



Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch. / Freq.	Power Mid Ch. / Freq.	Power Low Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				18700	18800	19100		
20	QPSK	1	0	22.88	22.51	22.54		
20	QPSK	1	49	22.85	22.83	22.81	24	0
20	QPSK	1	99	22.83	22.69	22.74		
20	QPSK	50	0	21.82	21.84	21.68		
20	QPSK	50	24	21.75	21.80	21.60	23	1
20	QPSK	50	50	21.69	21.67	21.64		
20	QPSK	100	0	21.80	21.81	21.76		
20	16QAM	1	0	22.13	22.12	22.01	23	1
20	16QAM	1	49	22.08	21.99	22.03		
20	16QAM	1	99	22.03	22.02	21.88		
20	16QAM	50	0	20.78	20.78	20.75		
20	16QAM	50	24	20.68	20.50	20.59	22	2
20	16QAM	50	50	20.71	20.72	20.68		
20	16QAM	100	0	20.83	20.68	20.86		
Channel								
Frequency (MHz)				18675	18600	19125		
15	QPSK	1	0	22.72	22.74	22.49		
15	QPSK	1	37	22.85	22.63	22.74	24	0
15	QPSK	1	74	22.82	22.50	22.75		
15	QPSK	36	0	21.79	21.83	21.59		
15	QPSK	36	20	21.65	21.51	21.41	23	1
15	QPSK	36	39	21.48	21.47	21.53		
15	QPSK	75	0	21.60	21.84	21.56		
15	16QAM	1	0	22.03	21.99	21.90	23	1
15	16QAM	1	37	21.85	21.85	21.95		
15	16QAM	1	74	21.81	21.84	21.78		
15	16QAM	36	0	20.68	20.59	20.55	22	2
15	16QAM	36	20	20.68	20.37	20.40		
15	16QAM	36	39	20.68	20.67	20.56		
15	16QAM	75	0	20.73	20.47	20.79		
Channel								
Frequency (MHz)				18650	18600	19150		
10	QPSK	1	0	22.82	22.78	22.53		
10	QPSK	1	25	22.84	22.83	22.65	24	0
10	QPSK	1	49	22.71	22.86	22.65		
10	QPSK	25	0	21.78	21.82	21.60		
10	QPSK	25	12	21.59	21.45	21.48	23	1
10	QPSK	25	25	21.52	21.59	21.49		
10	QPSK	50	0	21.76	21.75	21.72		
10	16QAM	1	0	22.10	22.10	21.89	23	1
10	16QAM	1	25	22.03	21.98	21.97		
10	16QAM	1	49	21.89	22.03	21.80		
10	16QAM	25	0	20.61	20.67	20.65	22	2
10	16QAM	25	12	20.62	20.43	20.42		
10	16QAM	25	25	20.58	20.74	20.65		
10	16QAM	50	0	20.66	20.46	20.85		
Channel								
Frequency (MHz)				18575	18600	19075		
5	QPSK	1	0	22.84	22.88	22.54		
5	QPSK	1	12	22.65	22.72	22.61	24	0
5	QPSK	1	24	22.81	22.51	22.65		
5	QPSK	12	0	21.82	21.65	21.65		
5	QPSK	12	7	21.71	21.52	21.56	23	1
5	QPSK	12	13	21.52	21.66	21.60		
5	QPSK	25	0	21.80	21.70	21.68	23	1
5	16QAM	1	0	22.15	21.98	21.83		
5	16QAM	1	12	22.05	21.82	21.99	23	1
5	16QAM	1	24	21.97	21.81	21.89		
5	16QAM	12	0	20.74	20.69	20.59	22	2
5	16QAM	12	7	20.53	20.37	20.45		
5	16QAM	12	13	20.50	20.64	20.64		
5	16QAM	25	0	20.62	20.61	20.73		
Channel								
Frequency (MHz)				18515	18600	19085		
3	QPSK	1	0	22.75	22.85	22.36		
3	QPSK	1	8	22.81	22.78	22.65	24	0
3	QPSK	1	14	22.66	22.70	22.56		
3	QPSK	8	0	21.78	21.73	21.65		
3	QPSK	8	4	21.71	21.44	21.47	23	1
3	QPSK	8	7	21.69	21.49	21.58		
3	QPSK	15	0	21.79	21.76	21.64		
3	16QAM	1	0	21.83	22.10	21.97	23	1
3	16QAM	1	8	21.60	21.86	21.82		
3	16QAM	1	14	21.85	21.82	21.68		
3	16QAM	8	0	20.57	20.57	20.63	22	2
3	16QAM	8	4	20.51	20.36	20.54		
3	16QAM	8	7	20.65	20.64	20.58		
3	16QAM	15	0	20.62	20.55	20.68		
Channel								
Frequency (MHz)				18507	18600	19158		
1.4	QPSK	1	0	22.86	22.74	22.36		
1.4	QPSK	1	3	22.85	22.63	22.71	24	0
1.4	QPSK	1	5	22.89	22.54	22.56		
1.4	QPSK	3	0	22.72	22.73	22.36		
1.4	QPSK	3	1	22.66	22.77	22.66		
1.4	QPSK	3	3	22.83	22.52	22.61	23	1
1.4	QPSK	6	0	21.84	21.82	21.67		
1.4	16QAM	1	0	21.73	21.80	21.55	23	1
1.4	16QAM	1	3	21.69	21.86	21.49		
1.4	16QAM	1	5	21.76	21.71	21.49		
1.4	16QAM	3	0	21.57	21.81	21.45		
1.4	16QAM	3	1	21.48	21.87	21.59		
1.4	16QAM	3	3	21.81	21.74	21.48		
1.4	16QAM	6	0	20.64	20.74	20.75	22	2

Band 4_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch. / Freq.	Power Mid Ch. / Freq.	Power Low Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				20650	20175	20300		
20	QPSK	1	0	23.16	23.26	23.21		
20	QPSK	1	49	23.03	23.16	23.20	24	0
20	QPSK	1	99	23.20	23.23	23.24		
20	QPSK	50	0	22.21	22.23	22.19		
20	QPSK	50	24	22.84	22.09	22.18	23	1
20	QPSK	50	50	22.00	21.97	22.11		
20	QPSK	100	0	22.14	22.20	22.17		
20	16QAM	1	0	22.78	22.75	22.70	23	1
20	16QAM	1	49	22.22	22.60	22.60		
20	16QAM	1	99	22.84	22.83	22.88		
20	16QAM	50	0	21.11	21.15	21.19		
20	16QAM	50	24	21.25	21.21	21.23	22	2
20	16QAM	50	50	21.29	21.14	21.29		
20	16QAM	100	0	21.26	21.24	21.38		
Channel								
Frequency (MHz)				20625	20175	20325		
15	QPSK	1	0	23.15	23.07	23.12		
15	QPSK	1	37	23.01	23.01	23.13	24	0
15	QPSK	1	74	23.16	23.01	23.21		
15	QPSK	36	0	22.08	22.20	22.00		
15	QPSK	36	20	21.84	21.90	21.99	23	1
15	QPSK	36	39	21.85	21.85	22.12		
15	QPSK	75	0	22.01	22.19	22.05		
15	16QAM	1	0	22.71	22.60	22.50	23	1
15	16QAM	1	37	22.47	22.53	22.54		
15	16QAM	1	74	22.81	22.73	22.71		
15	16QAM	36	0	21.13	21.09	21.13	22	2
15	16QAM	36	20	21.14	21.21	21.04		
15	16QAM	36	39	21.18	21.13	21.27		
15	16QAM	75	0	21.07	21.08	21.38		
Channel								
Frequency (MHz)				20600	20175	20350		
10	QPSK	1	0	23.19	23.24	23.16		
10	QPSK	1	25	22.84	23.09	22.99	24	0
10	QPSK	1	49	23.13	23.21	23.14		
10	QPSK	25	0	22.13	22.22	22.05		
10	QPSK	25	12	22.03	22.00	22.16	23	1
10	QPSK	25	25	22.02	21.89	22.11		
10	QPSK	50	0	22.07	22.07	22.15		
10	16QAM	1	0	22.74	22.55	22.54	23	1
10	16QAM	1	25	22.44	22.61	22.38		
10	16QAM	1	49	22.82	22.66	22.88		
10	16QAM	25	0	20.66	20.66	21.06	22	2
10	16QAM	25	12	21.08	21.19	21.08		
10	16QAM	25	25	21.28	20.98	21.09		
10	16QAM	50	0	21.23	21.15	21.30		
Channel								
Frequency (MHz)				17165	17325	17375		
5	QPSK	1	0	23.19	23.15	23.13		
5	QPSK	1	12	22.90	23.06	23.04	24	0
5	QPSK	1	24	23.01	23.02	23.02		
5	QPSK	12	0	22.18	22.12	22.06		
5	QPSK	12	7	21.85	22.02	22.12	23	1
5	QPSK	12	13	21.98	21.99	21.89		
5	QPSK	25	0	22.00	22.08	22.10		
5	16QAM	1	0	2				



Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	23.05	23.11	23.04			
20	QPSK	1	49	22.98	22.97	22.86	24	0	
20	QPSK	1	99	23.03	23.05	23.02			
20	QPSK	50	0	21.98	22.14	22.07			
20	QPSK	50	24	22.11	22.13	21.90	23	1	
20	QPSK	50	50	21.88	21.85	21.80			
20	QPSK	100	0	22.03	22.09	22.06			
20	16QAM	1	0	22.87	22.55	22.72			
20	16QAM	1	49	22.81	22.49	22.52	23	1	
20	16QAM	1	99	22.48	22.63	22.56			
20	16QAM	50	0	21.31	21.22	21.30			
20	16QAM	50	24	21.06	21.22	21.15	22	2	
20	16QAM	50	50	21.16	21.14	21.16			
20	16QAM	100	0	21.25	21.16	21.19			
Channel				20825	21100	21375			
Frequency (MHz)				20825	21100	21375			
15	QPSK	1	0	22.85	22.98	23.03			
15	QPSK	1	37	22.78	22.87	22.82	24	0	
15	QPSK	1	74	22.92	22.87	23.02			
15	QPSK	36	0	21.96	22.04	21.90			
15	QPSK	36	20	22.07	21.94	21.68	23	1	
15	QPSK	36	39	21.71	21.84	21.74			
15	QPSK	75	0	21.99	21.90	21.99			
15	16QAM	1	0	22.64	22.34	22.85			
15	16QAM	1	37	22.49	22.39	22.41	23	1	
15	16QAM	1	74	22.49	22.61	22.39			
15	16QAM	36	0	21.16	21.15	21.20			
15	16QAM	36	20	20.93	21.01	21.10	22	2	
15	16QAM	36	39	21.16	21.09	21.17			
15	16QAM	75	0	21.20	21.11	21.18			
Channel				20800	21100	21400			
Frequency (MHz)				20800	21100	21400			
10	QPSK	1	0	23.05	23.07	22.95			
10	QPSK	1	25	22.99	22.88	22.88	24	0	
10	QPSK	1	49	23.03	22.88	23.04			
10	QPSK	25	0	21.84	22.08	21.96			
10	QPSK	25	12	22.12	21.91	21.71	23	1	
10	QPSK	25	25	21.79	21.93	21.72			
10	QPSK	50	0	22.03	22.00	21.96			
10	16QAM	1	0	22.47	22.44	22.51			
10	16QAM	1	25	22.60	22.38	22.36	23	1	
10	16QAM	1	49	22.35	22.49	22.57			
10	16QAM	25	0	21.24	21.23	21.23			
10	16QAM	25	12	21.00	21.08	21.14	22	2	
10	16QAM	25	25	21.04	21.10	21.16			
10	16QAM	50	0	21.25	21.13	20.98			
Channel				21075	21100	21325			
Frequency (MHz)				21075	21100	21325			
5	QPSK	1	0	22.94	22.84	22.88			
5	QPSK	1	12	22.86	22.85	22.86	24	0	
5	QPSK	1	24	23.04	22.80	22.84			
5	QPSK	12	0	21.86	22.08	22.02			
5	QPSK	12	7	22.08	22.04	21.92	23	1	
5	QPSK	25	0	21.97	22.04	22.03			
5	16QAM	1	0	22.53	22.37	22.73			
5	16QAM	1	12	22.50	22.47	22.39	23	1	
5	16QAM	1	24	22.35	22.56	22.35			
5	16QAM	12	0	21.29	21.10	21.26			
5	16QAM	12	7	20.99	21.16	21.05	22	2	
5	16QAM	12	13	21.04	21.10	21.10			
5	16QAM	25	0	21.17	21.10	21.17			

Band 13_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
10	QPSK	1	0	23.08	23.03	23.03			
10	QPSK	1	25	23.03	23.02	23.02	24	0	
10	QPSK	1	49	23.02	23.02	23.02			
10	QPSK	25	0	21.82	21.85	21.89			
10	QPSK	25	12	21.85	21.85	21.89	23	1	
10	QPSK	25	25	21.89	21.89	21.89			
10	QPSK	50	0	22.11	22.11	22.11			
10	16QAM	1	0	22.22	22.22	22.22			
10	16QAM	1	25	22.13	22.13	22.13	23	1	
10	16QAM	1	49	22.26	22.26	22.26			
10	16QAM	25	0	21.38	21.38	21.38			
10	16QAM	25	12	21.26	21.26	21.26	22	2	
10	16QAM	25	25	21.19	21.19	21.19			
10	16QAM	50	0	21.17	21.17	21.17			
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
5	QPSK	1	0	22.97	23.04	23.00			
5	QPSK	1	12	22.87	22.93	22.88	24	0	
5	QPSK	1	24	22.84	23.00	23.03			
5	QPSK	12	0	21.76	21.82	21.81			
5	QPSK	12	7	21.71	21.83	21.76	23	1	
5	QPSK	12	13	21.87	21.84	21.71			
5	QPSK	25	0	22.06	21.89	21.91			
5	16QAM	1	0	22.00	22.17	22.12			
5	16QAM	1	12	22.07	21.95	22.00	23	1	
5	16QAM	1	24	22.20	22.14	22.23			
5	16QAM	12	0	21.29	21.26	21.30			
5	16QAM	12	7	21.08	21.28	21.14	22	2	
5	16QAM	12	13	21.17	21.16	21.16			
5	16QAM	25	0	21.03	21.18	21.06			



Band 26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				26765	26865	26965			
15	QPSK	1	0	23.19	23.24	23.12			
15	QPSK	1	37	23.12	23.22	23.15	24	0	
15	QPSK	1	74	23.02	23.18	23.17			
15	QPSK	38	0	22.21	22.25	22.15			
15	QPSK	38	20	22.10	22.12	22.10	23	1	
15	QPSK	38	39	22.14	22.11	22.06			
15	QPSK	75	0	22.19	22.22	22.07			
15	16QAM	1	0	22.09	22.21	22.14	23	1	
15	16QAM	1	37	22.04	22.13	22.12			
15	16QAM	1	74	22.09	22.19	22.08			
15	16QAM	38	0	20.97	21.12	21.14			
15	16QAM	38	20	21.04	21.18	21.09	22	2	
15	16QAM	38	39	20.83	20.98	20.90			
15	16QAM	75	0	21.17	21.19	21.08			
Channel									
Frequency (MHz)				26749	26855	26960			
10	QPSK	1	0	23.07	23.13	23.02			
10	QPSK	1	25	23.13	23.23	23.03	24	0	
10	QPSK	1	49	22.88	23.19	23.15			
10	QPSK	25	0	22.07	22.25	22.07			
10	QPSK	25	12	22.10	21.94	22.00	23	1	
10	QPSK	25	25	22.15	22.10	21.87			
10	QPSK	50	0	22.17	22.09	21.90			
10	16QAM	1	0	21.98	22.08	21.93	23	1	
10	16QAM	1	25	22.03	21.95	22.02			
10	16QAM	1	49	21.98	22.13	22.07			
10	16QAM	25	0	20.77	20.91	21.13			
10	16QAM	25	12	21.03	21.15	20.88	22	2	
10	16QAM	25	25	20.83	20.87	20.87			
10	16QAM	50	0	21.03	20.99	20.95			
Channel									
Frequency (MHz)				26715	26865	27015			
5	QPSK	1	0	23.21	23.13	23.00			
5	QPSK	1	12	23.12	23.12	22.97	24	0	
5	QPSK	1	24	22.92	23.04	23.14			
5	QPSK	12	0	22.23	22.07	21.98			
5	QPSK	12	7	22.02	22.09	22.02	23	1	
5	QPSK	12	13	22.04	22.01	21.85			
5	QPSK	25	0	21.99	22.03	21.96			
5	16QAM	1	0	21.95	22.10	21.97	23	1	
5	16QAM	1	12	21.95	21.95	22.12			
5	16QAM	1	24	21.90	22.06	21.94			
5	16QAM	12	0	20.75	21.00	21.09	22	2	
5	16QAM	12	7	21.01	21.05	20.90			
5	16QAM	12	13	20.75	20.87	20.83			
5	16QAM	25	0	21.08	21.11	20.92			
Channel									
Frequency (MHz)				26705	26855	27005			
3	QPSK	1	0	23.00	23.13	22.95			
3	QPSK	1	8	23.07	23.19	23.00	24	0	
3	QPSK	1	14	22.91	23.15	23.10			
3	QPSK	8	0	22.22	22.15	22.04			
3	QPSK	8	4	22.04	22.09	21.97	23	1	
3	QPSK	8	7	22.03	22.07	21.94			
3	QPSK	15	0	22.15	22.21	22.07			
3	16QAM	1	0	22.01	22.17	22.09	23	1	
3	16QAM	1	8	21.83	21.95	21.90			
3	16QAM	1	14	21.97	22.10	22.00			
3	16QAM	8	0	20.78	21.02	21.02	22	2	
3	16QAM	8	4	20.86	21.09	21.09			
3	16QAM	8	7	20.81	20.97	20.86			
3	16QAM	15	0	21.05	20.98	21.05			
Channel									
Frequency (MHz)				26697	26845	27003			
1.4	QPSK	1	0	23.17	23.13	23.09			
1.4	QPSK	1	3	23.02	23.10	23.00	24	0	
1.4	QPSK	1	5	22.98	23.09	23.06			
1.4	QPSK	3	0	23.11	23.16	22.98			
1.4	QPSK	3	1	23.04	23.04	23.07			
1.4	QPSK	3	3	22.96	23.08	23.03	23	1	
1.4	QPSK	6	0	22.17	22.22	22.00			
1.4	16QAM	1	0	21.95	22.00	21.94			
1.4	16QAM	1	3	21.99	21.99	21.89	23	1	
1.4	16QAM	1	5	22.01	22.06	22.05			
1.4	16QAM	3	0	22.02	22.01	22.00			
1.4	16QAM	3	1	22.07	22.02	21.96	22	2	
1.4	16QAM	3	3	22.09	22.04	22.02			
1.4	16QAM	6	0	20.75	20.95	21.01	22	2	

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				130072	130322	130572			
20	QPSK	1	0	22.97	23.09	23.25			
20	QPSK	1	49	23.22	23.23	23.19	24	0	
20	QPSK	1	99	23.14	23.21	23.13			
20	QPSK	50	0	22.22	22.26	22.19			
20	QPSK	50	24	22.06	22.16	22.11	23	1	
20	QPSK	50	50	22.08	22.24	22.21			
20	QPSK	100	0	22.13	22.22	22.10			
20	16QAM	1	0	22.29	22.44	22.37	23	1	
20	16QAM	1	49	22.34	22.49	22.47			
20	16QAM	1	99	22.40	22.54	22.51			
20	16QAM	50	0	21.20	21.37	21.40			
20	16QAM	50	24	21.41	21.40	21.42	22	2	
20	16QAM	50	50	21.40	21.45	21.46			
20	16QAM	100	0	21.16	21.16	21.12			
Channel									
Frequency (MHz)				130047	130322	130597			
15	QPSK	1	0	22.96	23.18	23.14			
15	QPSK	1	37	23.09	23.04	23.20	24	0	
15	QPSK	1	74	23.04	23.07	23.03			
15	QPSK	36	0	22.04	22.14	22.04			
15	QPSK	36	20	22.03	22.14	21.93	23	1	
15	QPSK	36	29	21.88	22.16	22.07			
15	QPSK	75	0	21.95	22.17	22.01			
15	16QAM	1	0	22.19	22.35	22.26	23	1	
15	16QAM	1	37	22.29	22.41	22.44			
15	16QAM	1	74	22.40	22.46	22.38			
15	16QAM	36	0	21.06	21.39	21.22			
15	16QAM	36	20	21.36	21.23	21.20	22	2	
15	16QAM	36	39	21.23	21.41	21.36			
15	16QAM	75	0	21.04	21.15	20.97			
Channel									
Frequency (MHz)				130022	130322	130622			
10	QPSK	1	0	22.93	23.08	23.20			
10	QPSK	1	25	23.01	23.09	23.16	24	0	
10	QPSK	1	49	22.95	23.22	23.11			
10	QPSK	1	74	22.97	23.07	23.19			
10	QPSK	25	12	21.85	22.00	21.98	23	1	
10	QPSK	25	25	21.88	22.25	22.15			
10	QPSK	50	0	22.03	22.10	22.10			
10	16QAM	1	0	22.30	22.32	22.30	23	1	
10	16QAM	1	25	22.27	22.32	22.29			
10	16QAM	1	49	22.25	22.47	22.44			
10	16QAM	25	0	21.12	21.18	21.35	22	2	
10	16QAM	25	12	21.31	21.28	21.33			
10	16QAM	25	25	21.22	21.25	21.27			
10	16QAM	50	0	21.12	21.06	20.98			
Channel									
Frequency (MHz)				130597	130322	130572			
5	QPSK	1	0	22.97	23.15	23.12			
5	QPSK	1	12	23.12	23.08	23.15	24	0	
5	QPSK	1	24	23.11	23.05	22.98			
5	QPSK	12	0	22.04	22.21	22.00			
5	QPSK	12	7	21.91	22.02	22.10	23	1	
5	QPSK	12	13	21.88	22.08	22.19			
5	QPSK	25	0	21.92	22.10	21.91			
5	16QAM	1	0	22.27	22.22	22.18	23	1	
5	16QAM	1	12	22.29	22.37	22.42			
5	16QAM	1	24	22.31	22.34	22.51			
5	16QAM	12	0	21.04	21.19	21.42	22	2	
5	16QAM	12	7	21.36	21.21	21.24			
5	16QAM	12	13	21.25	21.27	21.33			
5	16QAM	25	0	21.09	20.97	21.12			
Channel									
Frequency (MHz)				130					



Band 38_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.42	22.59	22.51	24	0
20	QPSK	1	49	22.35	22.83	22.33		
20	QPSK	1	99	22.34	22.45	22.43		
20	QPSK	50	0	21.66	21.89	21.51	23	1
20	QPSK	50	24	21.53	21.55	21.54		
20	QPSK	50	50	21.43	21.64	21.51		
20	QPSK	100	0	21.43	21.56	21.35	23	1
20	16QAM	1	0	21.89	21.96	21.77		
20	16QAM	1	49	21.83	21.90	21.90		
20	16QAM	1	99	21.82	21.95	21.80	22	2
20	16QAM	50	0	20.20	20.24	20.06		
20	16QAM	50	24	20.23	20.21	20.06		
20	16QAM	50	50	20.15	20.16	20.12	Channel	
Frequency (MHz)				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.20	22.45	22.42	24	0
15	QPSK	1	37	22.21	22.45	22.28		
15	QPSK	1	74	22.17	22.25	22.30		
15	QPSK	36	0	21.61	21.59	21.33	23	1
15	QPSK	36	20	21.47	21.44	21.40		
15	QPSK	36	39	21.28	21.65	21.45		
15	QPSK	75	0	21.43	21.54	21.25	23	1
15	16QAM	1	0	21.73	21.89	21.55		
15	16QAM	1	37	21.66	21.88	21.88		
15	16QAM	1	74	21.70	21.83	21.76	22	2
15	16QAM	36	0	20.07	20.12	20.01		
15	16QAM	36	20	20.29	20.15	20.19		
15	16QAM	36	39	20.28	20.23	20.27	Channel	
Frequency (MHz)				37800	38000	38200		
Frequency (MHz)				2576.5	2595	2613.5		
10	QPSK	1	0	22.40	22.49	22.47	24	0
10	QPSK	1	25	22.32	22.42	22.12		
10	QPSK	1	49	22.24	22.33	22.37		
10	QPSK	25	0	21.53	21.58	21.38	23	1
10	QPSK	25	12	21.40	21.54	21.44		
10	QPSK	25	25	21.31	21.60	21.30		
10	QPSK	50	0	21.45	21.41	21.24	23	1
10	16QAM	1	0	21.83	21.97	21.71		
10	16QAM	1	25	21.89	21.91	21.79		
10	16QAM	1	49	21.82	21.75	21.71	22	2
10	16QAM	25	0	20.00	20.12	20.00		
10	16QAM	25	12	20.18	20.21	20.28		
10	16QAM	25	25	20.32	20.23	20.34	Channel	
Frequency (MHz)				37800	38000	38200		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.25	22.40	22.51	24	0
5	QPSK	1	12	22.21	22.40	22.14		
5	QPSK	1	24	22.04	22.27	22.32		
5	QPSK	12	0	21.47	21.51	21.30	23	1
5	QPSK	12	7	21.49	21.39	21.36		
5	QPSK	12	13	21.31	21.53	21.31		
5	QPSK	25	0	21.38	21.55	21.35	23	1
5	16QAM	1	0	21.84	21.84	21.68		
5	16QAM	1	12	21.82	21.84	21.92		
5	16QAM	1	24	21.82	21.76	21.58	22	2
5	16QAM	12	0	20.20	20.16	20.04		
5	16QAM	12	7	20.29	20.10	20.19		
5	16QAM	12	13	20.18	20.16	20.19	Channel	
Frequency (MHz)				37800	38000	38200		
Frequency (MHz)				2572.5	2595	2617.5		
5	16QAM	25	0	20.98	20.85	20.74		



Reduced Power Mode for DSI5

GSM850_Ant 1	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	32.13	32.19	32.15	33.50	23.13	23.19	23.15	24.50
GPRS 1 Tx slot	32.12	32.17	32.14	33.50	23.12	23.17	23.14	24.50
GPRS 2 Tx slots	30.49	30.52	30.49	31.50	24.49	24.52	24.49	25.50
GPRS 3 Tx slots	28.47	28.52	28.51	29.50	24.21	24.26	24.25	25.24
GPRS 4 Tx slots	28.46	28.53	28.54	27.50	23.46	23.53	23.54	24.50
EDGE 1 Tx slot	26.81	26.88	26.85	27.50	17.81	17.88	17.85	18.50
EDGE 2 Tx slots	24.72	24.77	24.75	26.50	18.72	18.77	18.75	20.50
EDGE 3 Tx slots	22.94	23.03	22.87	24.50	18.68	18.77	18.61	20.24
EDGE 4 Tx slots	21.08	21.12	20.96	22.00	18.08	18.12	17.96	19.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1650.2	1660	1669.8		1650.2	1660	1669.8	
GSM 1 Tx slot	28.46	28.44	28.43	29.50	19.46	19.44	19.43	20.50
GPRS 1 Tx slot	28.44	28.43	28.42	29.50	19.44	19.43	19.42	20.50
GPRS 2 Tx slots	26.56	26.70	26.66	27.50	20.56	20.70	20.66	21.50
GPRS 3 Tx slots	24.66	24.69	24.68	25.50	20.40	20.43	20.42	21.24
GPRS 4 Tx slots	23.58	23.61	23.61	24.50	20.58	20.61	20.61	21.00
EDGE 1 Tx slot	25.01	25.10	25.05	26.00	16.01	16.10	16.05	17.00
EDGE 2 Tx slots	23.07	23.08	23.09	24.00	17.07	17.08	17.09	18.00
EDGE 3 Tx slots	20.59	20.59	20.59	21.50	16.33	16.33	16.33	17.24
EDGE 4 Tx slots	19.03	19.04	19.14	20.00	16.03	16.04	16.14	17.00

Band	WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)	
	9262	9800	9936		1312	1413	1513		4132	4182	4233		
TX Channel	9262	9800	9936		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9936		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	20.12	20.13	20.03	21.50	20.32	20.23	20.40	21.50	22.69	22.75	22.72	24.00
3GPP Rel 99	RMC 12.2Kbps	20.14	20.17	20.09	21.50	20.36	20.45	20.41	21.50	22.70	22.76	22.74	24.00
3GPP Rel 6	HSDPA Subtest-1	18.77	18.70	18.65	20.50	18.82	19.05	18.88	20.50	21.80	21.89	21.77	23.00
3GPP Rel 6	HSDPA Subtest-2	18.79	18.73	18.61	20.50	18.88	18.97	19.00	20.50	21.60	21.87	21.79	23.00
3GPP Rel 6	HSDPA Subtest-3	18.27	18.24	18.23	20.00	18.39	18.54	18.42	20.00	21.13	21.14	21.25	22.50
3GPP Rel 6	HSDPA Subtest-4	18.19	18.24	18.18	20.00	18.38	18.50	18.35	20.00	21.34	21.25	21.25	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.68	18.68	18.63	20.50	18.89	18.92	18.87	20.50	21.68	21.72	21.75	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.73	18.65	18.61	20.50	18.84	18.99	18.81	20.50	21.70	21.81	21.73	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.24	18.25	18.17	20.00	18.34	18.43	18.37	20.00	21.22	21.21	21.07	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.22	18.17	18.14	20.00	18.38	18.54	18.38	20.00	21.17	21.30	21.19	22.50
3GPP Rel 6	HSUPA Subtest-1	18.68	18.64	18.63	20.50	18.83	19.00	18.83	20.50	21.92	21.67	21.54	23.00
3GPP Rel 6	HSUPA Subtest-2	18.63	18.70	18.76	18.50	18.79	17.06	18.82	18.50	19.72	19.88	19.92	21.00
3GPP Rel 6	HSUPA Subtest-3	17.68	17.68	17.79	19.50	17.68	17.96	17.91	19.50	20.59	20.68	20.69	22.00
3GPP Rel 6	HSUPA Subtest-4	16.61	16.72	16.84	18.50	16.79	16.95	16.90	18.50	19.62	19.67	19.68	21.00
3GPP Rel 6	HSUPA Subtest-5	18.67	18.65	18.63	20.50	18.82	19.02	18.89	20.50	21.68	21.75	21.61	23.00



Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch. / Freq.	Power Mid Ch. / Freq.	Power Low Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				18700	18800	19100		
20	QPSK	1	0	20.83	20.83	20.74		
20	QPSK	1	49	20.81	20.46	20.66	22	0
20	QPSK	1	99	20.86	20.62	20.72		
20	QPSK	50	0	19.88	20.03	19.77		
20	QPSK	50	24	19.98	19.93	19.89	21	1
20	QPSK	50	50	19.87	19.80	19.71		
20	QPSK	100	0	19.88	20.02	19.91		
20	16QAM	1	0	20.35	20.05	20.30	21	1
20	16QAM	1	49	20.38	20.03	20.38		
20	16QAM	1	99	20.24	20.14	20.20		
20	16QAM	50	0	18.83	18.51	18.59		
20	16QAM	50	24	18.60	18.59	18.57	20	2
20	16QAM	50	50	18.53	18.67	18.54		
20	16QAM	100	0	18.53	18.71	18.54		
Channel								
Frequency (MHz)				18875	18900	19125		
15	QPSK	1	0	20.75	20.44	20.72		
15	QPSK	1	37	20.65	20.32	20.61	22	0
15	QPSK	1	74	20.74	20.49	20.61		
15	QPSK	36	0	19.80	19.60	19.68		
15	QPSK	36	20	19.97	19.67	19.76	21	1
15	QPSK	36	39	19.73	19.74	19.65		
15	QPSK	75	0	19.94	19.81	19.85		
15	16QAM	1	0	20.23	19.99	20.18		
15	16QAM	1	37	20.22	19.92	20.27	21	1
15	16QAM	1	74	20.14	20.05	20.10		
15	16QAM	36	0	18.54	18.53	18.56		
15	16QAM	36	20	18.53	18.58	18.53	20	2
15	16QAM	36	39	18.52	18.75	18.58		
15	16QAM	75	0	18.52	18.64	18.55		
Channel								
Frequency (MHz)				18950	18900	19150		
10	QPSK	1	0	20.79	20.46	20.70		
10	QPSK	1	25	20.69	20.41	20.60	22	0
10	QPSK	1	49	20.70	20.49	20.58		
10	QPSK	25	0	19.75	19.68	19.68		
10	QPSK	25	12	19.98	19.61	19.82	21	1
10	QPSK	25	25	19.78	19.71	19.62		
10	QPSK	50	0	19.88	19.81	19.76		
10	16QAM	1	0	20.19	19.98	20.24	21	1
10	16QAM	1	25	20.30	19.98	20.20		
10	16QAM	1	49	20.14	19.99	20.09		
10	16QAM	25	0	18.53	18.55	18.52		
10	16QAM	25	12	18.54	18.51	18.57	20	2
10	16QAM	25	25	18.51	18.81	18.50		
10	16QAM	50	0	18.54	18.66	18.50		
Channel								
Frequency (MHz)				18975	18900	19175		
5	QPSK	1	0	20.73	20.40	20.72		
5	QPSK	1	12	20.68	20.41	20.59	22	0
5	QPSK	1	24	20.87	20.57	20.66		
5	QPSK	12	0	19.74	19.78	19.61		
5	QPSK	12	7	19.92	19.67	19.77	21	1
5	QPSK	12	13	19.78	19.70	19.57		
5	QPSK	25	0	19.88	19.79	19.79		
5	16QAM	1	0	20.27	19.92	20.20	21	1
5	16QAM	1	12	20.28	19.94	20.21		
5	16QAM	1	24	20.08	20.07	20.13		
5	16QAM	12	0	18.57	18.51	18.52		
5	16QAM	12	7	18.57	18.52	18.59	20	2
5	16QAM	12	13	18.54	18.77	18.51		
5	16QAM	25	0	18.53	18.65	18.53		
Channel								
Frequency (MHz)				18975	18900	19175		
3	QPSK	1	0	20.81	20.49	20.63		
3	QPSK	1	8	20.74	20.53	20.54	22	0
3	QPSK	1	14	20.75	20.55	20.66		
3	QPSK	8	0	19.77	19.82	19.68		
3	QPSK	8	4	19.98	19.63	19.73	21	1
3	QPSK	8	7	19.73	19.72	19.65		
3	QPSK	15	0	19.88	19.78	19.78		
3	16QAM	1	0	20.22	19.95	20.14	21	1
3	16QAM	1	8	20.25	19.89	20.22		
3	16QAM	1	14	20.12	20.00	20.13		
3	16QAM	8	0	18.58	18.55	18.58		
3	16QAM	8	4	18.50	18.54	18.54	20	2
3	16QAM	8	7	18.52	18.81	18.54		
3	16QAM	15	0	18.58	18.64	18.53		
Channel								
Frequency (MHz)				18907	18900	19193		
1.4	QPSK	1	0	20.81	20.50	20.66		
1.4	QPSK	1	3	20.69	20.36	20.56	22	0
1.4	QPSK	1	5	20.81	20.53	20.59		
1.4	QPSK	3	0	20.72	20.42	20.63		
1.4	QPSK	3	1	20.62	20.51	20.47	21	1
1.4	QPSK	3	3	20.75	20.39	20.46		
1.4	QPSK	6	0	19.87	19.78	19.83		
1.4	16QAM	1	0	20.29	19.98	20.25	21	1
1.4	16QAM	1	3	20.29	19.96	20.31		
1.4	16QAM	1	5	20.14	20.02	20.14		
1.4	16QAM	3	0	20.21	19.86	20.06		
1.4	16QAM	3	1	20.15	19.91	20.17	20	2
1.4	16QAM	3	3	20.09	19.94	20.03		
1.4	16QAM	6	0	18.52	18.58	18.59		

Band 4_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power High Ch. / Freq.	Power Mid Ch. / Freq.	Power Low Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				20650	20175	20300		
20	QPSK	1	0	20.15	20.39	20.68		
20	QPSK	1	49	20.05	20.29	20.18	21.5	0
20	QPSK	1	99	20.14	20.35	20.19		
20	QPSK	50	0	19.38	19.85	19.26		
20	QPSK	50	24	19.35	19.54	19.39	20.5	1
20	QPSK	50	50	19.29	19.83	19.58		
20	QPSK	100	0	19.14	19.69	19.41		
20	16QAM	1	0	19.30	19.74	19.67	20.5	1
20	16QAM	1	49	19.28	19.77	19.38		
20	16QAM	1	99	19.68	19.92	19.85		
20	16QAM	50	0	18.24	18.52	18.24		
20	16QAM	50	24	18.26	18.53	18.15	19.5	2
20	16QAM	50	50	18.36	18.64	18.27		
20	16QAM	100	0	18.16	18.69	18.40		
Channel								
Frequency (MHz)				20625	20175	20325		
15	QPSK	1	0	20.01	20.19	20.02		
15	QPSK	1	37	19.93	20.17	20.08	21.5	0
15	QPSK	1	74	19.99	20.28	20.08		
15	QPSK	36	0	19.26	19.45	19.10		
15	QPSK	36	20	19.22	19.41	19.23	20.5	1
15	QPSK	36	39	19.19	19.71	19.43		
15	QPSK	75	0	19.09	19.53	19.32		
15	16QAM	1	0	19.23	19.55	19.57		
15	16QAM	1	37	19.28	19.82	19.23	20.5	1
15	16QAM	1	74	19.60	19.82	19.77		
15	16QAM	36	0	18.14	18.45	18.18		
15	16QAM	36	20	18.11	18.47	18.08	19.5	2
15	16QAM	36	39	18.28	18.71	18.45		
15	16QAM	75	0	18.04	18.62	18.29		
Channel								
Frequency (MHz)				20600	20175	20350		
10	QPSK	1	0	19.99	20.13	19.99		
10	QPSK	1	25	19.95	20.13	20.12	21.5	0
10	QPSK	1	49	20.09	20.30	20.07		
10	QPSK	25	0	19.31	19.40	19.11		
10	QPSK	25	12	19.19	19.47	19.32	20.5	1
10	QPSK	25	25	19.17	19.78	19.47		
10	QPSK	50	0	19.02	19.55	19.34		
10	16QAM	1	0	19.25	19.67	19.81	20.5	1
10	16QAM	1	25	19.20	19.68	19.29		
10	16QAM	1	49	19.54	19.84	19.79		
10	16QAM	25	0	18.14	18.39	18.16		
10	16QAM	25	12	18.26	18.44	18.06	19.5	2
10	16QAM	25	25	18.21	18.75	18.46		
10	16QAM	50	0	18.11	18.55	18.27		
Channel								
Frequency (MHz)				1716.5	1732.5	1747.5		
5	QPSK	1	0	20.02	20.18	19.93		
5	QPSK	1	12	19.87	20.24	20.07	21.5	0
5	QPSK	1	24	19.98	20.23	19.92		
5	QPSK	12	0	19.27	19.49	19.10		
5	QPSK	12	7	19.21	19.47	19.34	20.5	1
5	QPSK	12	13	19.14	19.70	19.49		
5	QPSK	25	0	19.08	19.61	19.27		
5								



Band 7_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				20850	21100	21350		
20	QPSK	1	0	16.73	17.29	17.45	18.5	0
20	QPSK	1	49	16.58	16.57	16.56		
20	QPSK	1	99	16.92	16.59	16.57		
20	QPSK	50	0	15.50	15.82	16.33	17.5	1
20	QPSK	50	24	15.52	15.59	15.70		
20	QPSK	50	50	15.67	15.58	15.67		
20	QPSK	100	0	15.52	15.59	15.60	17.5	1
20	16QAM	1	0	15.85	16.42	17.11		
20	16QAM	1	49	15.51	15.63	15.89		
20	16QAM	1	99	16.31	15.69	15.56	16.5	2
20	16QAM	50	0	14.58	14.88	15.15		
20	16QAM	50	24	14.51	14.57	14.59		
20	16QAM	50	50	14.76	14.58	14.52	16.5	2
20	16QAM	100	0	14.62	14.67	14.61		
Channel				20825	21100	21375		
Frequency (MHz)				20825	21100	21375		
15	QPSK	1	0	16.84	17.30	17.42	18.5	0
15	QPSK	1	37	16.73	16.67	16.66		
15	QPSK	1	74	17.02	16.72	16.56		
15	QPSK	36	0	15.56	15.97	16.41	17.5	1
15	QPSK	36	29	15.58	15.63	15.77		
15	QPSK	36	39	15.74	15.67	15.74		
15	QPSK	75	0	15.65	15.67	15.86	17.5	1
15	16QAM	1	0	15.97	16.54	17.22		
15	16QAM	1	37	15.59	15.71	16.00		
15	16QAM	1	74	16.37	15.63	15.58	16.5	2
15	16QAM	36	0	14.70	14.98	15.25		
15	16QAM	36	29	14.64	14.68	14.64		
15	16QAM	36	39	14.91	14.68	14.64	16.5	2
15	16QAM	75	0	14.66	14.71	14.70		
Channel				20800	21100	21400		
Frequency (MHz)				20800	21100	21400		
10	QPSK	1	0	16.83	17.27	17.39	18.5	0
10	QPSK	1	25	16.73	16.64	16.61		
10	QPSK	1	49	16.97	16.66	16.52		
10	QPSK	25	0	15.92	15.87	16.20	17.5	1
10	QPSK	25	12	15.64	15.70	15.82		
10	QPSK	25	25	15.71	15.73	15.73		
10	QPSK	50	0	15.99	15.74	15.86	17.5	1
10	16QAM	1	0	15.80	15.57	17.15		
10	16QAM	1	25	15.61	15.73	16.03		
10	16QAM	1	49	16.38	15.79	15.58	16.5	2
10	16QAM	25	0	14.69	14.95	15.21		
10	16QAM	25	12	14.58	14.69	14.73		
10	16QAM	25	25	14.91	14.65	14.60	16.5	2
10	16QAM	50	0	14.76	14.75	14.72		
Channel				20775	21100	21425		
Frequency (MHz)				20775	21100	21425		
5	QPSK	1	0	16.84	17.25	17.26	18.5	0
5	QPSK	1	12	16.69	16.89	16.62		
5	QPSK	1	24	16.96	16.67	16.57		
5	QPSK	12	0	15.67	15.89	16.43	17.5	1
5	QPSK	12	7	15.57	15.65	15.77		
5	QPSK	12	13	15.80	15.67	15.73		
5	QPSK	25	0	15.56	15.73	15.80	17.5	1
5	16QAM	1	0	15.99	16.47	17.18		
5	16QAM	1	12	15.59	15.73	16.02		
5	16QAM	1	24	16.37	15.79	15.59	16.5	2
5	16QAM	12	0	14.68	14.92	15.30		
5	16QAM	12	7	14.55	14.63	14.68		
5	16QAM	12	13	14.88	14.65	14.59	16.5	2
5	16QAM	25	0	14.73	14.77	14.67		

Band 13_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23200	23230	23255		
Frequency (MHz)				23200	23230	23255		
10	QPSK	1	0	23.06			24	0
10	QPSK	1	25	23.03				
10	QPSK	1	49	23.02				
10	QPSK	25	0	21.92			23	1
10	QPSK	25	12	21.85				
10	QPSK	25	25	21.89				
10	QPSK	50	0	22.11			23	1
10	16QAM	1	0	22.22				
10	16QAM	1	25	22.13				
10	16QAM	1	49	22.28			22	2
10	16QAM	25	0	21.38				
10	16QAM	25	12	21.26				
10	16QAM	25	25	21.19			22	2
10	16QAM	50	0	21.17				
Channel				23205	23230	23255		
Frequency (MHz)				23205	23230	23255		
5	QPSK	1	0	22.97	23.04	23.00	24	0
5	QPSK	1	12	22.87	22.93	22.88		
5	QPSK	1	24	22.84	23.00	23.03		
5	QPSK	12	0	21.78	21.62	21.61	23	1
5	QPSK	12	7	21.71	21.63	21.79		
5	QPSK	12	13	21.87	21.84	21.71		
5	QPSK	25	0	22.06	21.89	21.91	23	1
5	16QAM	1	0	22.00	22.17	22.12		
5	16QAM	1	12	22.07	21.95	22.00		
5	16QAM	1	24	22.20	22.14	22.23	22	2
5	16QAM	12	0	21.29	21.26	21.30		
5	16QAM	12	7	21.08	21.28	21.34		
5	16QAM	12	13	21.17	21.16	21.16	22	2
5	16QAM	25	0	21.03	21.18	21.06		



Band 26_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
				26765	26865	26965			
Frequency (MHz)									
15	QPSK	1	0	23.19	23.24	23.12			
15	QPSK	1	37	23.12	23.22	23.15	24	0	
15	QPSK	1	74	23.02	23.18	23.17			
15	QPSK	36	0	22.21	22.25	22.15			
15	QPSK	36	20	22.10	22.12	22.10	23	1	
15	QPSK	36	39	22.14	22.11	22.06			
15	QPSK	75	0	22.19	22.22	22.07			
15	16QAM	1	0	22.09	22.21	22.14	23	1	
15	16QAM	1	37	22.04	22.13	22.12			
15	16QAM	1	74	22.08	22.19	22.08			
15	16QAM	36	0	20.97	21.12	21.14			
15	16QAM	36	20	21.04	21.18	21.09	22	2	
15	16QAM	36	39	20.93	20.98	20.90			
15	16QAM	75	0	21.17	21.19	21.06			
Channel									
				26740	26865	26990			
Frequency (MHz)									
10	QPSK	1	0	23.07	23.13	23.02			
10	QPSK	1	25	23.13	23.23	23.03	24	0	
10	QPSK	1	49	22.88	23.19	23.15			
10	QPSK	25	0	22.07	22.25	22.07			
10	QPSK	25	12	22.10	21.94	22.00	23	1	
10	QPSK	25	25	22.15	22.10	21.87			
10	QPSK	50	0	22.17	22.09	21.90			
10	16QAM	1	0	21.98	22.06	21.83	23	1	
10	16QAM	1	25	22.03	21.95	22.02			
10	16QAM	1	49	21.98	22.13	22.07			
10	16QAM	25	0	20.77	20.91	21.13			
10	16QAM	25	12	20.91	21.15	20.88	22	2	
10	16QAM	25	25	20.83	20.87	20.87			
10	16QAM	50	0	21.03	20.99	20.95			
Channel									
				26715	26865	27015			
Frequency (MHz)									
5	QPSK	1	0	23.21	23.13	23.00			
5	QPSK	1	12	23.12	23.12	22.97	24	0	
5	QPSK	1	24	22.92	23.04	23.14			
5	QPSK	12	0	22.23	22.07	21.95			
5	QPSK	12	7	22.02	22.09	22.02	23	1	
5	QPSK	12	13	22.04	22.01	21.85			
5	QPSK	25	0	21.99	22.03	21.96			
5	16QAM	1	0	21.98	22.10	21.87	23	1	
5	16QAM	1	12	21.95	21.95	22.12			
5	16QAM	1	24	21.90	22.06	21.94			
5	16QAM	12	0	20.75	21.06	21.06	22	2	
5	16QAM	12	7	21.01	21.06	20.90			
5	16QAM	12	13	20.75	20.87	20.83			
5	16QAM	25	0	21.06	21.11	20.92			
Channel									
				26705	26865	27005			
Frequency (MHz)									
3	QPSK	1	0	23.00	23.13	22.96			
3	QPSK	1	8	23.07	23.19	23.00	24	0	
3	QPSK	1	14	22.91	23.15	23.10			
3	QPSK	8	0	22.22	22.15	22.04			
3	QPSK	8	4	22.04	22.09	21.97	23	1	
3	QPSK	8	7	22.03	22.07	21.94			
3	QPSK	15	0	22.16	22.21	22.07			
3	16QAM	1	0	22.01	22.17	22.09	23	1	
3	16QAM	1	8	21.83	21.95	21.90			
3	16QAM	1	14	21.97	22.10	22.00			
3	16QAM	8	0	20.76	21.02	21.02	22	2	
3	16QAM	8	4	20.86	21.09	21.09			
3	16QAM	8	7	20.61	20.97	20.86			
3	16QAM	15	0	21.05	20.98	21.05			
Channel									
				26705	26865	27005			
Frequency (MHz)									
1.4	QPSK	1	0	23.17	23.13	23.09			
1.4	QPSK	1	3	23.02	23.10	23.00	24	0	
1.4	QPSK	1	5	22.98	23.06	23.06			
1.4	QPSK	3	0	23.11	23.16	22.98			
1.4	QPSK	3	1	23.04	23.04	23.07			
1.4	QPSK	3	3	22.86	23.08	23.03	23	1	
1.4	QPSK	6	0	22.17	22.22	22.00			
1.4	16QAM	1	0	21.95	22.00	21.94			
1.4	16QAM	1	3	21.99	21.99	21.89	23	1	
1.4	16QAM	1	5	22.01	22.06	22.05			
1.4	16QAM	3	0	22.02	22.01	22.00			
1.4	16QAM	3	1	22.07	22.02	21.96	19.5	2	
1.4	16QAM	3	3	22.09	22.04	22.02			
1.4	16QAM	6	0	20.75	20.96	21.01	22	2	

Band 66_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
				152072	152322	152572			
Frequency (MHz)									
20	QPSK	1	0	20.29	20.43	20.40			
20	QPSK	1	49	20.41	20.28	20.32	21.5	0	
20	QPSK	1	99	20.33	20.35	20.34			
20	QPSK	50	0	19.04	19.35	19.07			
20	QPSK	50	24	19.02	19.09	19.04	20.5	1	
20	QPSK	50	50	19.33	19.09	19.31			
20	QPSK	100	0	19.18	19.30	19.15			
20	16QAM	1	0	19.32	19.51	19.29	20.5	1	
20	16QAM	1	49	19.16	19.14	19.29			
20	16QAM	1	99	19.78	19.79	19.78			
20	16QAM	50	0	18.18	18.33	18.10			
20	16QAM	50	24	18.13	18.12	18.04	19.5	2	
20	16QAM	50	50	18.50	18.54	18.38			
20	16QAM	100	0	18.34	18.37	18.20			
Channel									
				152047	152322	152597			
Frequency (MHz)									
15	QPSK	1	0	20.19	20.31	20.19			
15	QPSK	1	37	20.16	20.12	20.26	21.5	0	
15	QPSK	1	74	20.26	20.29	20.25			
15	QPSK	36	0	19.06	19.01	19.05			
15	QPSK	36	20	19.07	19.08	19.09	20.5	1	
15	QPSK	36	39	19.11	19.03	19.05			
15	QPSK	75	0	19.02	19.09	19.07			
15	16QAM	1	0	19.06	19.31	19.09	20.5	1	
15	16QAM	1	37	19.05	19.09	19.05			
15	16QAM	1	74	19.52	19.63	19.63			
15	16QAM	36	0	18.02	18.14	18.04			
15	16QAM	36	20	18.02	18.00	18.08	19.5	2	
15	16QAM	36	39	18.24	18.33	18.17			
15	16QAM	75	0	18.14	18.11	18.02			
Channel									
				152022	152322	152627			
Frequency (MHz)									
10	QPSK	1	0	20.22	20.33	20.28			
10	QPSK	1	25	20.18	20.04	20.32	21.5	0	
10	QPSK	1	49	20.22	20.24	20.25			
10	QPSK	25	0	19.07	19.06	19.07			
10	QPSK	25	12	19.02	19.00	19.08	20.5	1	
10	QPSK	25	25	19.17	19.03	19.16			
10	QPSK	50	0	19.02	18.14	19.01			
10	16QAM	1	0	19.14	19.36	19.11	20.5	1	
10	16QAM	1	25	19.02	19.04	19.03			
10	16QAM	1	49	19.55	19.63	19.56			
10	16QAM	25	0	18.02	18.08	18.04			
10	16QAM	25	12	19.07	19.06	19.01	19.5	2	
10	16QAM	25	25	18.25	18.36	18.22			
10	16QAM	50	0	18.18	18.14	18.06			
Channel									
				151997	152322	152627			
Frequency (MHz)									
5	QPSK	1	0	20.18	20.34	20.26			
5	QPSK	1	12	20.16	20.11	20.27	21.5	0	
5	QPSK	1	24	20.21	20.28	20.20			
5	QPSK	12	0	19.02	19.02	19.05			
5	QPSK	12	7	19.07	19.05	19.02	20.5	1	
5	QPSK	12	13	19.08	19.06	19.12			
5	QPSK	25	0	19.06	19.06	19.09			
5	16QAM	1	0	19.12	19.33	19.13	20.5	1	
5	16QAM	1	12	19.00	19.03	19.03			
5	16QAM	1	24	19.54	19.58	19.55			
5	16QAM	12	0	18.09	18.11	18.09			
5	16QAM	12	7	18.06	18.06	18.00	19.5	2	
5	16QAM	12	13						



Band 38_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.53	20.70	20.68	22	0
20	QPSK	1	49	20.47	20.82	20.52		
20	QPSK	1	99	20.53	20.37	20.41		
20	QPSK	50	0	19.59	19.85	19.60	21	1
20	QPSK	50	24	19.48	19.55	19.62		
20	QPSK	50	50	19.55	19.55	19.43		
20	QPSK	100	0	19.65	19.82	19.72	21	1
20	16QAM	1	0	19.89	19.96	20.02		
20	16QAM	1	49	19.86	19.54	19.86		
20	16QAM	1	99	19.84	19.85	19.84	20	2
20	16QAM	50	0	18.11	18.51	18.23		
20	16QAM	50	24	18.21	18.14	18.16		
20	16QAM	50	50	18.17	18.32	18.19	Channel	
Frequency (MHz)				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.45	20.52	20.52	22	0
15	QPSK	1	37	20.42	20.52	20.48		
15	QPSK	1	74	20.40	20.30	20.27		
15	QPSK	36	0	19.45	19.44	19.55	21	1
15	QPSK	36	20	19.40	19.39	19.52		
15	QPSK	36	39	19.50	19.49	19.38		
15	QPSK	75	0	19.52	19.74	19.64	21	1
15	16QAM	1	0	19.83	19.90	19.95		
15	16QAM	1	37	19.78	19.45	19.74		
15	16QAM	1	74	19.52	19.70	19.69	20	2
15	16QAM	36	0	18.03	18.40	18.14		
15	16QAM	36	20	18.12	18.03	18.10		
15	16QAM	36	39	18.12	18.18	18.06	Channel	
Frequency (MHz)				37800	38000	38200		
Frequency (MHz)				2577.5	2595	2612.5		
10	QPSK	1	0	20.47	20.53	20.58	22	0
10	QPSK	1	25	20.42	20.57	20.41		
10	QPSK	1	49	20.45	20.27	20.32		
10	QPSK	25	0	19.51	19.52	19.56	21	1
10	QPSK	25	12	19.43	19.48	19.50		
10	QPSK	25	25	19.42	19.47	19.37		
10	QPSK	50	0	18.67	19.75	19.56	21	1
10	16QAM	1	0	19.74	19.90	19.89		
10	16QAM	1	25	19.74	19.41	19.72		
10	16QAM	1	49	19.58	19.80	19.72	20	2
10	16QAM	25	0	18.01	18.43	18.07		
10	16QAM	25	12	18.05	18.04	18.09		
10	16QAM	25	25	18.06	18.22	18.07	Channel	
Frequency (MHz)				37825	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.45	20.51	20.56	22	0
5	QPSK	1	12	20.34	20.57	20.47		
5	QPSK	1	24	20.43	20.30	20.35		
5	QPSK	12	0	19.50	19.51	19.56	21	1
5	QPSK	12	7	19.39	19.47	19.54		
5	QPSK	12	13	19.43	19.44	19.34		
5	QPSK	25	0	19.50	19.74	19.62	21	1
5	16QAM	1	0	19.81	19.88	19.90		
5	16QAM	1	12	19.76	19.49	19.74		
5	16QAM	1	24	18.52	19.70	18.69	20	2
5	16QAM	12	0	18.00	18.42	18.13		
5	16QAM	12	7	18.14	18.01	18.04		
5	16QAM	12	13	18.03	18.23	18.11	Channel	
Frequency (MHz)				37800	38000	38200		
Frequency (MHz)				2572.5	2595	2617.5		
5	16QAM	25	0	18.01	18.36	18.13		



Reduced Power Mode for DSI6

GSM850_Ant 1	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	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.13	32.19	32.15	33.90	23.13	23.19	23.15	24.90
GPRS 1 Tx slot	32.12	32.17	32.14	33.90	23.12	23.17	23.14	24.90
GPRS 2 Tx slots	30.49	30.52	30.49	31.90	24.49	24.52	24.49	25.90
GPRS 3 Tx slots	28.47	28.52	28.51	29.90	24.21	24.26	24.25	25.24
GPRS 4 Tx slots	26.46	26.53	26.54	27.90	23.46	23.53	23.54	24.90
EDGE 1 Tx slot	26.81	26.86	26.85	27.90	17.81	17.88	17.85	18.90
EDGE 2 Tx slots	24.72	24.77	24.75	26.90	18.72	18.77	18.75	20.90
EDGE 3 Tx slots	22.94	23.03	22.87	24.90	18.68	18.77	18.61	20.24
EDGE 4 Tx slots	21.08	21.12	20.96	22.00	18.08	18.12	17.95	19.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot	24.89	24.91	24.88	25.90	15.89	15.91	15.88	16.90
GPRS 1 Tx slot	24.88	24.89	24.86	25.90	15.88	15.89	15.86	16.90
GPRS 2 Tx slots	22.84	22.84	22.90	23.90	16.84	16.94	16.90	17.90
GPRS 3 Tx slots	20.84	20.88	20.88	21.90	16.58	16.62	16.62	17.24
GPRS 4 Tx slots	19.73	19.78	19.79	20.00	16.73	16.78	16.79	17.00
EDGE 1 Tx slot	21.23	21.27	21.28	22.00	12.23	12.27	12.28	13.00
EDGE 2 Tx slots	19.24	19.26	19.24	20.00	13.24	13.26	13.24	14.00
EDGE 3 Tx slots	18.79	18.74	18.82	17.90	12.53	12.48	12.56	13.24
EDGE 4 Tx slots	15.22	15.20	15.32	16.00	12.22	12.20	12.32	13.00

Band	TX Channel	WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
		9262	9400	9536		1312	1413	1513		4132	4182	4233	
	Rx Channel	9662	9800	9936		1537	1638	1738		4357	4407	4458	
	Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		626.4	636.4	646.6	
3GPP Rel 99	AMR 12.2Kbps	16.08	16.11	15.98	17.90	16.75	16.85	16.82	18.00	22.69	22.75	22.72	24.00
3GPP Rel 99	RMC 12.2Kbps	16.10	16.13	16.05	17.90	16.88	16.90	16.80	18.00	22.70	22.75	22.74	24.00
3GPP Rel 6	HSDPA Subtest-1	14.95	14.98	14.87	16.90	15.65	15.84	15.74	17.00	21.80	21.69	21.77	23.00
3GPP Rel 6	HSDPA Subtest-2	15.07	14.99	14.72	16.90	15.85	15.75	15.75	17.00	21.80	21.67	21.79	23.00
3GPP Rel 6	HSDPA Subtest-3	14.48	14.49	14.29	16.00	15.16	15.29	15.19	16.90	21.13	21.14	21.25	22.90
3GPP Rel 6	HSDPA Subtest-4	14.55	14.52	14.20	16.00	15.22	15.26	15.20	16.90	21.34	21.25	21.25	22.90
3GPP Rel 6	DC-HSDPA Subtest-1	14.90	14.95	14.75	16.90	15.67	15.74	15.70	17.00	21.68	21.72	21.75	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	14.99	15.00	14.68	16.90	15.68	15.77	15.66	17.00	21.70	21.81	21.73	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	14.50	14.47	14.24	16.00	15.16	15.24	15.20	16.90	21.22	21.21	21.07	22.90
3GPP Rel 6	DC-HSDPA Subtest-4	14.47	14.55	14.23	16.00	15.17	15.31	15.16	16.90	21.17	21.30	21.19	22.90
3GPP Rel 6	HSUPA Subtest-1	15.02	14.97	14.74	16.90	15.66	15.76	15.66	17.00	21.92	21.67	21.54	23.00
3GPP Rel 6	HSUPA Subtest-2	12.98	12.92	12.87	14.90	13.63	13.81	13.64	15.00	19.72	19.68	19.92	21.00
3GPP Rel 6	HSUPA Subtest-3	13.98	13.97	13.85	15.90	14.71	14.81	14.68	16.00	20.59	20.68	20.69	22.00
3GPP Rel 6	HSUPA Subtest-4	12.91	13.00	12.70	14.90	13.62	13.79	13.73	15.00	19.62	19.67	19.68	21.00
3GPP Rel 6	HSUPA Subtest-5	14.98	14.93	14.70	16.90	15.64	15.83	15.66	17.00	21.66	21.75	21.61	23.00



Band 2_Ant 1

Channel	Frequency (MHz)	Power High Ch / Freq	Power Mid Ch / Freq	Power Low Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel 18900						
20	QPSK	1	0	16.72	16.92	16.85
20	QPSK	1	49	16.28	16.37	16.31
20	QPSK	1	99	16.21	16.67	16.57
20	QPSK	50	0	15.27	15.50	15.23
20	QPSK	50	24	15.11	15.15	15.16
20	QPSK	50	50	15.20	15.45	15.31
20	QPSK	100	0	15.23	15.37	15.33
20	16QAM	1	49	15.32	15.54	15.53
20	16QAM	1	99	15.27	15.90	15.88
20	16QAM	50	0	14.12	14.38	14.28
20	16QAM	50	24	14.07	14.36	14.30
20	16QAM	50	50	14.12	14.68	14.60
20	16QAM	100	0	14.13	14.54	14.46
Channel 18910						
15	QPSK	1	0	16.16	16.56	16.62
15	QPSK	1	37	16.17	16.31	16.19
15	QPSK	1	74	16.09	16.58	16.41
15	QPSK	36	0	15.11	15.06	15.16
15	QPSK	36	20	15.00	15.01	15.06
15	QPSK	36	39	15.04	15.31	15.26
15	QPSK	75	0	15.18	15.22	15.27
15	16QAM	1	49	15.25	15.49	15.47
15	16QAM	1	99	15.17	15.74	15.69
15	16QAM	1	74	15.53	15.57	15.81
15	16QAM	36	0	14.01	14.26	14.14
15	16QAM	36	20	14.06	14.24	14.17
15	16QAM	36	39	14.06	14.55	14.51
15	16QAM	75	0	14.04	14.49	14.41
Channel 18925						
10	QPSK	1	0	16.17	16.45	16.76
10	QPSK	1	25	16.21	16.22	16.22
10	QPSK	1	49	16.10	16.51	16.51
10	QPSK	25	0	15.14	15.08	15.16
10	QPSK	25	12	15.05	15.02	15.11
10	QPSK	25	25	15.05	15.31	15.44
10	QPSK	50	0	15.17	15.24	15.22
10	16QAM	1	49	15.19	15.45	15.41
10	16QAM	1	25	15.22	15.83	15.30
10	16QAM	1	49	15.48	15.54	15.76
10	16QAM	25	0	14.03	14.22	14.16
10	16QAM	25	12	14.03	14.22	14.15
10	16QAM	25	25	14.00	14.55	14.50
10	16QAM	50	0	14.05	14.49	14.33
Channel 18935						
5	QPSK	1	0	16.20	16.49	16.86
5	QPSK	1	12	16.19	16.32	16.18
5	QPSK	1	24	16.09	16.58	16.48
5	QPSK	12	0	15.22	15.15	15.07
5	QPSK	12	7	15.04	15.05	15.03
5	QPSK	12	13	15.11	15.31	15.43
5	QPSK	25	0	15.07	15.27	15.24
5	16QAM	1	0	15.24	15.46	15.45
5	16QAM	1	12	15.18	15.74	15.22
5	16QAM	1	24	15.60	15.58	15.73
5	16QAM	12	0	14.03	14.23	14.23
5	16QAM	12	7	14.01	14.22	14.22
5	16QAM	12	13	14.04	14.56	14.48
5	16QAM	25	0	14.07	14.43	14.36
Channel 18945						
3	QPSK	1	0	16.24	16.53	16.79
3	QPSK	1	8	16.22	16.51	16.16
3	QPSK	1	14	16.12	16.61	16.52
3	QPSK	8	0	15.14	15.10	15.13
3	QPSK	8	4	15.03	15.05	15.14
3	QPSK	8	7	15.04	15.33	15.41
3	QPSK	15	0	15.19	15.16	15.31
3	16QAM	1	0	15.18	15.43	15.36
3	16QAM	1	8	15.20	15.85	15.32
3	16QAM	1	14	15.55	15.55	15.81
3	16QAM	8	0	14.07	14.30	14.21
3	16QAM	8	4	14.01	14.25	14.19
3	16QAM	8	7	14.03	14.58	14.45
3	16QAM	15	0	14.00	14.45	14.33
Channel 18957						
1.4	QPSK	1	0	16.24	16.48	16.86
1.4	QPSK	1	3	16.19	16.27	16.21
1.4	QPSK	1	5	16.09	16.62	16.50
1.4	QPSK	3	0	16.25	16.45	16.79
1.4	QPSK	3	1	16.15	16.22	16.23
1.4	QPSK	3	3	16.07	16.61	16.44
1.4	QPSK	6	0	15.17	15.17	15.31
1.4	16QAM	1	0	15.28	15.45	15.48
1.4	16QAM	1	3	15.18	15.81	15.28
1.4	16QAM	1	5	15.57	15.63	15.81
1.4	16QAM	3	0	15.19	15.36	15.34
1.4	16QAM	3	1	15.12	15.69	15.12
1.4	16QAM	3	3	15.44	15.51	15.70
1.4	16QAM	6	0	14.17	14.48	14.37

Band 4_Ant 1

Channel	Frequency (MHz)	Power High Ch / Freq	Power Mid Ch / Freq	Power Low Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel 20650						
20	QPSK	1	0	16.92	17.58	17.21
20	QPSK	1	49	16.84	17.16	16.72
20	QPSK	1	99	17.40	17.48	17.51
20	QPSK	50	0	16.01	16.79	16.17
20	QPSK	50	24	15.94	16.44	16.04
20	QPSK	50	50	16.30	16.69	16.48
20	QPSK	100	0	16.14	16.63	16.31
20	16QAM	1	0	16.30	16.84	16.65
20	16QAM	1	49	16.07	16.51	16.21
20	16QAM	1	99	16.82	17.33	16.97
20	16QAM	50	0	14.84	15.37	15.12
20	16QAM	50	24	14.89	15.34	15.03
20	16QAM	50	50	15.22	15.67	15.41
20	16QAM	100	0	15.05	15.49	15.25
Channel 20175						
15	QPSK	1	0	16.81	17.50	17.12
15	QPSK	1	37	16.55	17.00	16.62
15	QPSK	1	74	17.29	17.42	17.43
15	QPSK	36	0	15.80	16.74	16.05
15	QPSK	36	20	15.81	16.31	15.90
15	QPSK	36	39	16.21	16.54	16.34
15	QPSK	75	0	16.09	16.47	16.24
15	16QAM	1	49	16.22	16.68	16.50
15	16QAM	1	99	15.83	16.44	16.10
15	16QAM	1	74	16.70	17.28	16.89
15	16QAM	36	0	14.84	15.22	14.99
15	16QAM	36	20	14.73	15.18	14.92
15	16QAM	36	39	15.11	15.56	15.26
15	16QAM	75	0	14.92	15.40	15.12
Channel 20325						
10	QPSK	1	0	16.85	17.44	17.13
10	QPSK	1	25	16.52	17.09	16.86
10	QPSK	1	49	17.24	17.38	17.46
10	QPSK	25	0	15.87	16.71	16.28
10	QPSK	25	12	15.80	16.28	15.83
10	QPSK	25	25	16.18	16.82	16.33
10	QPSK	50	0	16.04	16.46	16.17
10	16QAM	1	49	16.15	16.78	16.41
10	16QAM	1	25	16.01	16.45	16.12
10	16QAM	1	49	16.67	17.24	16.87
10	16QAM	25	0	14.78	15.31	15.05
10	16QAM	25	12	14.83	15.22	14.87
10	16QAM	25	25	15.09	15.59	15.35
10	16QAM	50	0	14.94	15.34	15.09
Channel 1712.5						
5	QPSK	1	0	16.85	17.52	17.08
5	QPSK	1	12	16.53	17.10	16.84
5	QPSK	1	24	17.27	17.37	17.60
5	QPSK	12	0	15.87	16.66	16.08
5	QPSK	12	7	15.88	16.39	15.90
5	QPSK	12	13	16.18	16.55	16.38
5	QPSK	25	0	16.05	16.52	16.19
5	16QAM	1	0	16.21	16.73	16.60
5	16QAM	1	12	15.95	16.41	16.15
5	16QAM	1	24	16.75	17.22	16.86
5	16QAM	12	0	14.98	15.31	15.06
5	16QAM	12	7	14.78	15.27	14.84
5	16QAM	12	13	15.09	15.53	15.27
5	16QAM	25	0	14.97	15.40	15.14
Channel 1717.5						
3	QPSK	1	0	16.81	17.45	17.15
3	QPSK	1	8	16.58	17.09	16.66
3	QPSK	1	14	17.24	17.35	17.39
3	QPSK	8	0	15.87	16.71	16.02
3	QPSK	8	4	15.83	16.30	15.95
3	QPSK	8	7	16.25	16.84	16.37
3	QPSK	15	0	15.98	16.51	16.26
3	16QAM	1	0	16.16	16.69	16.54
3	16QAM	1	8	15.98	16.41	16.14
3	16QAM	1	14	16.67	17.21	16.85
3	16QAM	8	0	14.80	15.25	15.02
3	16QAM	8	4	14.82	15.26	14.95
3	16QAM	8	7	15.12	15.36	15.36
3	16QAM	15	0	14.98	15.41	15.19
Channel 19957						
1.4	QPSK	1	0	16.81	17.47	17.07
1.4	QPSK	1	3	16.56	17.08	16.86
1.4	QPSK	1	5	17.29	17.35	17.45
1.4	QPSK	3	0	16.85	17.40	16.97
1.4	QPSK	3	1	16.74	17.25	16.89
1.4	QPSK	3	3	17.08	17.47	17.28
1.4	QPSK	6	0	15.99	16.57	16.18
1.4	16QAM	1	0	16.23	16.77	16.49
1.4	16QAM	1	3	15.81	16.45	16.12
1.4	16QAM	1				



Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	12.34	12.62	13.23			
20	QPSK	1	49	12.27	12.23	12.27	14	0	
20	QPSK	1	99	12.67	12.03	12.09			
20	QPSK	50	0	11.51	11.79	11.89			
20	QPSK	50	24	11.46	11.41	11.33	13	1	
20	QPSK	50	50	11.43	11.38	11.03			
20	QPSK	100	0	11.25	11.28	11.38			
20	16QAM	1	0	11.85	12.18	12.56			
20	16QAM	1	49	11.32	11.34	11.51	13	1	
20	16QAM	1	99	11.98	11.39	11.15			
20	16QAM	50	0	10.12	10.60	11.29			
20	16QAM	50	24	10.09	10.21	10.42	12	2	
20	16QAM	50	50	10.43	10.15	10.11			
20	16QAM	100	0	10.25	10.36	10.35			
Channel				20825	21100	21375			
Frequency (MHz)				20825	21100	21375			
15	QPSK	1	0	12.27	12.34	13.12			
15	QPSK	1	37	12.13	12.15	12.22	14	0	
15	QPSK	1	74	12.57	12.07	12.05			
15	QPSK	36	0	11.36	11.65	11.84			
15	QPSK	36	20	11.35	11.29	11.23	13	1	
15	QPSK	36	39	11.28	11.22	11.08			
15	QPSK	75	0	11.13	11.19	11.29			
15	16QAM	1	0	11.55	12.13	12.44			
15	16QAM	1	37	11.22	11.20	11.35	13	1	
15	16QAM	1	74	11.85	11.26	11.12			
15	16QAM	36	0	10.06	10.50	11.13			
15	16QAM	36	20	10.15	10.16	10.31	12	2	
15	16QAM	36	39	10.28	10.00	10.04			
15	16QAM	75	0	10.09	10.23	10.24			
Channel				20800	21100	21400			
Frequency (MHz)				20800	21100	21400			
10	QPSK	1	0	12.22	12.66	13.11			
10	QPSK	1	25	12.16	12.13	12.13	14	0	
10	QPSK	1	49	12.51	12.02	12.08			
10	QPSK	25	0	11.37	11.72	11.73			
10	QPSK	25	12	11.33	11.36	11.27	13	1	
10	QPSK	25	25	11.38	11.24	11.06			
10	QPSK	50	0	11.10	11.15	11.26			
10	16QAM	1	0	11.60	12.02	12.42			
10	16QAM	1	25	11.20	11.20	11.46	13	1	
10	16QAM	1	49	11.80	11.33	11.05			
10	16QAM	25	0	10.05	10.50	11.14			
10	16QAM	25	12	10.02	10.12	10.31	12	2	
10	16QAM	25	25	10.30	10.04	10.01			
10	16QAM	50	0	10.18	10.28	10.24			
Channel				21075	21100	21325			
Frequency (MHz)				21075	21100	21325			
5	QPSK	1	0	12.20	12.69	13.08			
5	QPSK	1	12	12.14	12.16	12.20	14	0	
5	QPSK	1	24	12.53	12.03	12.00			
5	QPSK	12	0	11.43	11.73	11.77			
5	QPSK	12	7	11.38	11.29	11.19	13	1	
5	QPSK	12	13	11.30	11.22	11.09			
5	QPSK	25	0	11.13	11.17	11.20			
5	16QAM	1	0	11.51	12.08	12.50			
5	16QAM	1	12	11.21	11.21	11.35	13	1	
5	16QAM	1	24	11.87	11.27	11.05			
5	16QAM	12	0	10.03	10.45	11.14			
5	16QAM	12	7	10.04	10.05	10.33	12	2	
5	16QAM	12	13	10.30	10.09	10.00			
5	16QAM	25	0	10.12	10.23	10.20			

Band 13_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
10	QPSK	1	0	23.06	23.03	23.03			
10	QPSK	1	25	23.03	23.02	23.02	24	0	
10	QPSK	1	49	23.02	23.02	23.02			
10	QPSK	25	0	21.82	21.82	21.82			
10	QPSK	25	12	21.85	21.85	21.89	23	1	
10	QPSK	25	25	21.89	21.89	21.89			
10	QPSK	50	0	22.11	22.11	22.11			
10	16QAM	1	0	22.22	22.22	22.22			
10	16QAM	1	25	22.13	22.13	22.13	23	1	
10	16QAM	1	49	22.26	22.26	22.26			
10	16QAM	25	0	21.38	21.38	21.38			
10	16QAM	25	12	21.28	21.28	21.28	22	2	
10	16QAM	25	25	21.19	21.19	21.19			
10	16QAM	50	0	21.17	21.17	21.17			
Channel				23205	23230	23255			
Frequency (MHz)				23205	23230	23255			
5	QPSK	1	0	22.97	23.04	23.00			
5	QPSK	1	12	22.87	22.93	22.88	24	0	
5	QPSK	1	24	22.84	23.00	23.03			
5	QPSK	12	0	21.78	21.82	21.81			
5	QPSK	12	7	21.71	21.63	21.76	23	1	
5	QPSK	12	13	21.87	21.84	21.71			
5	QPSK	25	0	22.06	21.89	21.91			
5	16QAM	1	0	22.00	22.17	22.12			
5	16QAM	1	12	22.07	21.95	22.00	23	1	
5	16QAM	1	24	22.20	22.14	22.23			
5	16QAM	12	0	21.29	21.28	21.30			
5	16QAM	12	7	21.08	21.28	21.14			
5	16QAM	12	13	21.17	21.16	21.16	22	2	
5	16QAM	25	0	21.03	21.18	21.06			



Band 26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				831.5	831.5	841.5			
15	QPSK	1	0	23.19	23.24	23.12	24	0	
15	QPSK	1	37	23.12	23.22	23.15			
15	QPSK	1	74	23.02	23.18	23.17			
15	QPSK	38	0	22.21	22.25	22.15			
15	QPSK	38	20	22.10	22.12	22.10			
15	QPSK	38	39	22.14	22.11	22.06	23	1	
15	QPSK	75	0	22.19	22.22	22.07			
15	16QAM	1	0	22.09	22.21	22.14	23	1	
15	16QAM	1	37	22.04	22.13	22.12			
15	16QAM	1	74	22.09	22.19	22.08			
15	16QAM	38	0	20.97	21.12	21.14			
15	16QAM	38	20	21.04	21.18	21.09			
15	16QAM	38	39	20.83	20.98	20.90	22	2	
15	16QAM	75	0	21.17	21.19	21.08			
Channel				26749	26855	26960			
Frequency (MHz)				831.9	831.5	841.4			
10	QPSK	1	0	23.07	23.13	23.02	24	0	
10	QPSK	1	25	23.13	23.23	23.03			
10	QPSK	1	49	22.88	23.19	23.15			
10	QPSK	25	0	22.07	22.25	22.07			
10	QPSK	25	12	22.10	21.94	22.00	23	1	
10	QPSK	25	25	22.15	22.10	21.87			
10	QPSK	50	0	22.17	22.09	21.90			
10	16QAM	1	0	21.98	22.08	21.83	23	1	
10	16QAM	1	25	22.03	21.92	22.02			
10	16QAM	1	49	21.98	22.13	22.07			
10	16QAM	25	0	20.77	20.91	21.13			
10	16QAM	25	12	22.03	21.95	21.88			
10	16QAM	25	25	20.83	20.87	20.87	22	2	
10	16QAM	50	0	21.03	20.99	20.95			
Channel				26715	26865	27015			
Frequency (MHz)				831.5	831.5	841.5			
5	QPSK	1	0	23.21	23.13	23.00	24	0	
5	QPSK	1	12	23.12	23.12	22.97			
5	QPSK	1	24	22.92	23.04	23.14			
5	QPSK	12	0	22.23	22.07	21.98			
5	QPSK	12	7	22.02	22.09	22.02	23	1	
5	QPSK	12	13	22.04	22.01	21.85			
5	QPSK	25	0	21.99	22.03	21.96			
5	16QAM	1	0	21.95	22.10	21.97	23	1	
5	16QAM	1	12	21.95	21.95	22.12			
5	16QAM	1	24	21.90	22.06	21.94			
5	16QAM	12	0	20.75	21.00	21.09			
5	16QAM	12	7	21.01	21.05	20.90	22	2	
5	16QAM	12	13	20.75	20.87	20.83			
5	16QAM	25	0	21.08	21.11	20.92			
Channel				26702	26855	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.00	23.13	22.96	24	0	
3	QPSK	1	8	23.07	23.19	23.00			
3	QPSK	1	14	22.91	23.15	23.10			
3	QPSK	8	0	22.22	22.15	22.04			
3	QPSK	8	4	22.04	22.09	21.97	23	1	
3	QPSK	8	7	22.03	22.07	21.94			
3	QPSK	16	0	22.16	22.21	22.07			
3	16QAM	1	0	22.01	22.17	22.09	23	1	
3	16QAM	1	8	21.83	21.95	21.90			
3	16QAM	1	14	21.97	22.10	22.00			
3	16QAM	8	0	20.78	21.02	21.02			
3	16QAM	8	4	20.86	21.09	21.09	22	2	
3	16QAM	8	7	20.81	20.97	20.86			
3	16QAM	16	0	21.05	20.98	21.05			
Channel				26557	26855	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.17	23.13	23.09	24	0	
1.4	QPSK	1	3	23.02	23.10	23.00			
1.4	QPSK	1	5	22.98	23.09	23.06			
1.4	QPSK	3	0	23.11	23.16	22.98			
1.4	QPSK	3	1	23.04	23.04	23.07			
1.4	QPSK	3	3	22.96	23.08	23.03			
1.4	QPSK	6	0	22.17	22.22	22.00	23	1	
1.4	16QAM	1	0	21.95	22.00	21.94			
1.4	16QAM	1	3	21.99	21.99	21.89			
1.4	16QAM	1	5	22.01	22.06	22.05	23	1	
1.4	16QAM	3	0	22.02	22.01	22.00			
1.4	16QAM	3	1	22.07	22.02	21.96			
1.4	16QAM	3	3	22.09	22.04	22.02			
1.4	16QAM	6	0	20.75	20.96	21.01	22	2	

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	17.44	17.60	17.07	18.5	0	
20	QPSK	1	49	17.10	17.05	16.90			
20	QPSK	1	99	17.46	17.55	17.06			
20	QPSK	50	0	16.00	16.18	16.02			
20	QPSK	50	24	15.96	15.99	15.97	17.5	1	
20	QPSK	50	50	16.10	16.13	16.03			
20	QPSK	100	0	15.94	16.03	15.87			
20	16QAM	1	0	16.09	16.37	16.02	17.5	1	
20	16QAM	1	49	15.92	15.94	16.04			
20	16QAM	1	99	16.54	16.81	16.48			
20	16QAM	50	0	15.07	15.30	15.11			
20	16QAM	50	24	15.01	15.18	15.07	16.5	2	
20	16QAM	50	50	15.27	15.27	15.41			
20	16QAM	100	0	15.20	15.41	15.23			
Channel				132047	132322	132557			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	17.09	17.06	16.97	18.5	0	
15	QPSK	1	37	17.02	16.95	16.79			
15	QPSK	1	74	17.32	17.46	17.00			
15	QPSK	38	0	15.98	15.85	15.92			
15	QPSK	38	20	15.80	15.87	15.82	17.5	1	
15	QPSK	38	39	16.03	16.05	15.93			
15	QPSK	75	0	15.81	15.96	15.82			
15	16QAM	1	0	15.95	16.32	15.87	17.5	1	
15	16QAM	1	37	15.81	15.78	15.95			
15	16QAM	1	74	16.46	16.70	16.38			
15	16QAM	38	0	15.01	15.22	15.05			
15	16QAM	38	20	15.08	15.05	15.11	18.5	2	
15	16QAM	38	39	15.30	15.42	15.29			
15	16QAM	75	0	15.10	15.29	15.09			
Channel				132022	132322	132557			
Frequency (MHz)				1715	1745	1772.5			
10	QPSK	1	0	16.98	17.04	16.98	18.5	0	
10	QPSK	1	25	16.97	17.00	16.78			
10	QPSK	1	49	17.33	17.44	16.98			
10	QPSK	25	0	15.84	15.81	15.92			
10	QPSK	25	12	15.87	15.83	15.83	17.5	1	
10	QPSK	25	25	16.01	16.07	15.98			
10	QPSK	50	0	15.87	15.90	15.74			
10	16QAM	1	0	16.03	16.30	15.95	17.5	1	
10	16QAM	1	25	15.86	15.85	15.89			
10	16QAM	1	49	16.45	16.67	16.38			
10	16QAM	25	0	14.95	15.18	15.04			
10	16QAM	25	12	14.93	15.09	14.97	16.5	2	
10	16QAM	25	25	15.29	15.50	15.29			
10	16QAM	50	0	15.04	15.31	15.13			
Channel				131957	132322	132572			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	17.05	17.05	17.01	18.5	0	
5	QPSK	1	12	16.99	16.92	16.83			
5	QPSK	1	24	17.37	17.44	17.00			
5	QPSK	12	0	15.95	15.78	15.96			
5	QPSK	12	7	15.80	15.90	15.89	17.5	1	
5	QPSK	12	13	16.01	16.10	15.92			
5	QPSK	25	0	15.85	15.87	15.81			
5	16QAM	1	0	15.99	16.26	15.90	17.5	1	
5	16QAM	1	12	15.87	15.88	15.95			
5	16QAM	1	24	16.44	16.71	16.43			
5	16QAM	12	0	14.96	15.19	15.02			
5	16QAM	12	7	14.96	15.12	14.97	16.5	2	
5	16QAM	12	13	15.21	15.50	15.36			
5	16QAM	25	0	15.13	15.30	15.16			
Channel				131927	132322	132572			
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	17.08	17.10	16.93	18.5	0	
3	QPSK	1	8	16.97	16.90	16.82			
3	QPSK	1	14	17.34	17.54	16.93			
3	QPSK	8	0	15.88	15.75	15.86			
3	QPSK	8	4	15.88	15.90	15.85	17.5	1	
3	QPSK	8	7	15.94	16.08	15.96			
3	QPSK	15	0	15.88	15.95	15.74			
3	16QAM	1	0	16.03	16.27	15.87	17.5	1	
3	16QAM	1	8	15.77	15.88	15.91			
3	16QAM	1	14	16.41	16.74	16.37			
3	16QAM	8	0	15.02	15.21	15.00			
3	16QAM	8	4	14.86	15.06	14.96	18.5	2	
3	16QAM	8	7	15.27	15.43	15.29			
3	16QAM	15	0	15.09	15.36	15.13			
Channel				131979	132322	132665			
Frequency (MHz)				1713.7	1745	1779.3			
1.4	QPSK	1	0	17.02	17.09	16.96	18.5	0	
1.4	QPSK	1	3	16.97	16.95	16.74			
1.4	QPSK	1	5						



Band 38_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	13.24	13.45	13.33	15	0
20	QPSK	1	49	13.07	13.09	13.08		
20	QPSK	1	99	13.11	13.18	13.05		
20	QPSK	50	0	12.26	12.30	12.08	14	1
20	QPSK	50	24	12.05	12.18	12.02		
20	QPSK	50	50	12.07	12.07	12.18		
20	QPSK	100	0	12.16	12.17	12.01	14	1
20	16QAM	1	0	12.44	12.88	12.41		
20	16QAM	1	49	12.04	12.11	12.00		
20	16QAM	1	99	12.05	12.24	12.16	13	2
20	16QAM	50	0	11.05	11.43	11.23		
20	16QAM	50	24	11.13	11.11	11.07		
20	16QAM	50	50	11.16	11.22	11.13	13	2
20	16QAM	100	0	11.24	11.31	11.15		
Channel				37825	38000	38175		
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	13.11	13.38	13.20	15	0
15	QPSK	1	37	13.12	13.17	13.13		
15	QPSK	1	74	13.02	13.33	13.12		
15	QPSK	36	0	12.38	12.36	12.15	14	1
15	QPSK	36	20	12.40	12.33	12.07		
15	QPSK	36	39	12.16	12.16	12.08		
15	QPSK	75	0	12.23	12.26	12.06	14	1
15	16QAM	1	0	12.55	12.80	12.54		
15	16QAM	1	37	12.34	12.20	12.15		
15	16QAM	1	74	12.15	12.39	12.25	13	2
15	16QAM	36	0	11.12	11.49	11.28		
15	16QAM	36	20	11.27	11.20	11.07		
15	16QAM	36	39	11.03	11.11	11.08	13	2
15	16QAM	75	0	11.08	11.15	11.08		
Channel				37800	38000	38200		
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	13.14	13.38	13.20	15	0
10	QPSK	1	25	13.11	13.16	13.18		
10	QPSK	1	49	13.16	13.45	13.40		
10	QPSK	25	0	12.33	12.38	12.22	14	1
10	QPSK	25	12	12.33	12.31	12.18		
10	QPSK	25	25	12.22	12.11	12.06		
10	QPSK	50	0	12.30	12.22	12.13	14	1
10	16QAM	1	0	12.52	12.81	12.45		
10	16QAM	1	25	12.29	12.19	12.15		
10	16QAM	1	49	12.18	12.29	12.21	13	2
10	16QAM	25	0	11.16	11.51	11.38		
10	16QAM	25	12	11.23	11.21	11.06		
10	16QAM	25	25	11.06	11.12	11.02	13	2
10	16QAM	50	0	11.11	11.22	11.01		
Channel				37825	38000	38225		
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	13.13	13.29	13.23	15	0
5	QPSK	1	12	13.11	13.20	13.18		
5	QPSK	1	24	13.17	13.20	13.32		
5	QPSK	12	0	12.37	12.41	12.22	14	1
5	QPSK	12	7	12.39	12.24	12.07		
5	QPSK	12	13	12.15	12.12	12.06		
5	QPSK	25	0	12.25	12.21	12.11	14	1
5	16QAM	1	0	12.56	12.80	12.45		
5	16QAM	1	12	12.35	12.25	12.09		
5	16QAM	1	24	12.18	12.32	12.22	13	2
5	16QAM	12	0	11.09	11.47	11.38		
5	16QAM	12	7	11.20	11.16	11.03		
5	16QAM	12	13	11.03	11.17	11.01	13	2
5	16QAM	25	0	11.19	11.18	11.07		



WiFi&Bluetooth

2.4GHz WLAN_Ant 3			Default		Head		Hotspot		Body worn		Extremity		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit		
802.11b 1Mbps	1	2412	19.24	20.50	16.72	18.50	17.69	19.50	17.69	19.50	19.24	20.50	97.59	
	6	2437	19.23	20.50	17.86	18.50	18.72	19.50	18.72	19.50	19.23	20.50		
	11	2462	18.87	20.50	16.69	18.50	17.57	19.50	17.57	19.50	18.87	20.50		
	802.11g 6Mbps	1	2412	12.97	14.00	12.97	14.00	12.97	14.00	12.97	14.00	12.97	14.00	87.44
		2	2417	17.33	18.50	17.33	18.50	17.33	18.50	17.33	18.50	17.33	18.50	
		6	2437	19.46	20.50	17.90	18.50	18.92	19.50	18.92	19.50	19.46	20.50	
802.11n-HT20 MCS0	1	2412	12.94	14.00	12.94	14.00	12.94	14.00	12.94	14.00	12.94	14.00	86.81	
	2	2417	17.37	18.50	17.37	18.50	17.37	18.50	17.37	18.50	17.37	18.50		
	6	2437	19.54	20.50	17.90	18.50	18.84	19.50	18.84	19.50	19.54	20.50		
	10	2457	17.86	19.00	17.43	18.50	17.86	19.00	17.86	19.00	17.86	19.00		
	11	2462	15.66	17.00	15.66	17.00	15.66	17.00	15.66	17.00	15.66	17.00		

5.2GHz WLAN_Ant 3			Default		Head		Hotspot		Body worn		Extremity		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	
802.11a 6Mbps	36	5180	16.47	18.00	16.47	18.00	14.15	14.50	14.15	14.50	16.47	18.00	89.52
	40	5200	18.09	19.50	18.09	19.50	14.18	14.50	14.18	14.50	18.09	19.50	
	44	5220	17.79	19.50	17.79	19.50	14.12	14.50	14.12	14.50	17.79	19.50	
	48	5240	17.74	19.50	17.74	19.50	14.07	14.50	14.07	14.50	17.74	19.50	
802.11n-HT20 MCS0	36	5180	16.44	18.00	16.44	18.00	14.15	14.50	14.15	14.50	16.44	18.00	87.85
	40	5200	18.24	19.50	18.24	19.50	14.16	14.50	14.16	14.50	18.24	19.50	
	44	5220	17.91	19.50	17.91	19.50	14.13	14.50	14.13	14.50	17.91	19.50	
802.11ac-VHT20 MCS0	36	5180	16.53	18.00	16.53	18.00	14.18	14.50	14.18	14.50	16.53	18.00	87.43
	40	5200	18.19	19.50	18.19	19.50	14.19	14.50	14.19	14.50	18.19	19.50	
	44	5220	17.83	19.50	17.83	19.50	14.14	14.50	14.14	14.50	17.83	19.50	
	48	5240	17.86	19.50	17.86	19.50	14.15	14.50	14.15	14.50	17.86	19.50	

5.3GHz WLAN_Ant 3			Default		Head		Body worn		Extremity		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	
802.11a 6Mbps	52	5260	17.75	19.50	17.75	19.50	12.51	14.50	17.75	19.50	89.52
	56	5280	17.76	19.50	17.76	19.50	12.52	14.50	17.76	19.50	
	60	5300	17.82	19.50	17.82	19.50	12.61	14.50	17.82	19.50	
	64	5320	18.29	19.50	18.29	19.50	12.64	14.50	18.29	19.50	
802.11n-HT20 MCS0	52	5260	17.79	19.50	17.79	19.50	12.88	14.50	17.79	19.50	87.85
	56	5280	17.83	19.50	17.83	19.50	12.71	14.50	17.83	19.50	
	60	5300	17.81	19.50	17.81	19.50	12.54	14.50	17.81	19.50	
802.11ac-VHT20 MCS0	52	5260	17.85	19.50	17.85	19.50	12.61	14.50	17.85	19.50	87.43
	56	5280	17.81	19.50	17.81	19.50	12.74	14.50	17.81	19.50	
	60	5300	17.85	19.50	17.85	19.50	12.56	14.50	17.85	19.50	
	64	5320	18.30	19.50	18.30	19.50	12.72	14.50	18.30	19.50	

5.5GHz WLAN_Ant 3			Default		Head		Body worn		Extremity		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	
802.11a 6Mbps	100	5500	18.34	19.50	18.34	19.50	15.27	16.50	18.34	19.50	89.52
	116	5580	18.35	19.50	18.35	19.50	15.33	16.50	18.35	19.50	
	124	5620	18.05	19.50	18.05	19.50	15.07	16.50	18.05	19.50	
	132	5660	18.17	19.50	18.17	19.50	15.21	16.50	18.17	19.50	
	140	5700	11.95	13.00	11.95	13.00	11.95	13.00	11.95	13.00	
802.11n-HT20 MCS0	100	5500	17.11	18.00	17.11	18.00	15.15	16.50	17.11	18.00	87.85
	116	5580	18.47	19.50	18.47	19.50	15.34	16.50	18.47	19.50	
	124	5620	18.22	19.50	18.22	19.50	15.12	16.50	18.22	19.50	
	132	5660	18.20	19.50	18.20	19.50	15.31	16.50	18.20	19.50	
802.11ac-VHT20 MCS0	100	5500	17.15	18.50	17.15	18.50	15.24	16.50	17.15	18.50	87.43
	116	5580	18.85	19.50	18.85	19.50	15.39	16.50	18.85	19.50	
	124	5620	18.54	19.50	18.54	19.50	15.12	16.50	18.54	19.50	
	132	5660	18.55	19.50	18.55	19.50	15.36	16.50	18.55	19.50	
	140	5700	10.96	12.00	10.96	12.00	10.96	12.00	10.96	12.00	

5.8GHz WLAN_Ant 3			Default		Head		Hotspot		Body worn		Extremity		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	Average power (dBm)	Tune-up Limit	
802.11a 6Mbps	149	5745	18.02	19.50	18.02	19.50	12.64	13.50	12.64	13.50	18.02	19.50	89.52
	157	5785	17.99	19.50	17.99	19.50	12.25	13.50	12.25	13.50	17.99	19.50	
	165	5825	17.86	19.50	17.86	19.50	12.10	13.50	12.10	13.50	17.86	19.50	
802.11n-HT20 MCS0	149	5745	18.01	19.50	18.01	19.50	12.70	13.50	12.70	13.50	18.01	19.50	87.85
	157	5785	17.89	19.50	17.89	19.50	12.13	13.50	12.13	13.50	17.89	19.50	
	165	5825	17.97	19.50	17.97	19.50	12.02	13.50	12.02	13.50	17.97	19.50	
802.11ac-VHT20 MCS0	149	5745	18.31	19.50	18.31	19.50	12.63	13.50	12.63	13.50	18.31	19.50	87.43
	157	5785	17.89	19.50	17.89	19.50	12.21	13.50	12.21	13.50	17.89	19.50	
	165	5825	18.00	19.50	18.00	19.50	12.14	13.50	12.14	13.50	18.00	19.50	

**BT BR / EDR**

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			DH5	2DH5	3DH5
BR / EDR Ant 3	CH 00	2402	9.59	6.68	6.60
	CH 39	2441	9.69	6.77	6.89
	CH 78	2480	9.66	6.63	6.19
Tune-up Limit			11.00	8.50	8.50

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE Ant 3	CH 00	2402	1.41	1.57
	CH 19	2440	1.36	1.24
	CH 39	2480	0.71	0.47
Tune-up Limit			2.50	2.00