

Full & Default Power Mode

GSM850 Ant1 Default								
GSM850	Burst Average Power (dBm)				Frame Average Power (dBm)			
TX Channel	128	189	251	Tune-up Limit	128	189	251	Tune-up Limit
Frequency (MHz)	924.2	1850.4	1850.8	(dBm)	924.2	1850.4	1850.8	(dBm)
GSM 1 Tx slot	32.24	32.41	32.57	33.50	23.24	23.41	23.57	24.50
GPRS 1 Tx slot	32.28	32.49	32.63	33.50	23.28	23.49	23.63	24.50
GPRS 2 Tx slots	29.81	29.88	30.09	30.50	23.81	23.88	24.09	24.50
GPRS 3 Tx slots	27.84	27.82	27.83	28.50	23.38	23.36	23.57	24.24
GPRS 4 Tx slots	26.45	26.74	26.71	27.50	23.45	23.74	23.71	24.50
EDGE 1 Tx slot	26.80	26.74	26.75	28.00	17.80	17.74	17.75	19.00
EDGE 2 Tx slots	24.21	24.12	24.30	25.00	18.21	18.12	18.30	19.00
EDGE 3 Tx slots	22.13	22.06	22.06	23.00	17.87	17.80	17.82	18.74
EDGE 4 Tx slots	20.73	20.78	20.98	22.00	17.73	17.78	17.98	19.00

GSM1900 Ant1 Default								
GSM1900	Burst Average Power (dBm)			Tune-up	Frame Average Power (dBm)			Tune-up
TX Channel	512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)	1850.2	1880	1900.8	(dBm)	1850.2	1880	1900.8	(dBm)
GSM 1 Tx slot	28.78	29.04	29.21	30.50	19.78	20.04	20.21	21.50
GPRS 1 Tx slot	28.78	29.03	29.16	30.50	19.78	20.03	20.16	21.50
GPRS 2 Tx slots	26.01	26.26	26.42	27.50	20.01	20.26	20.42	21.50
GPRS 3 Tx slots	24.26	24.21	24.58	25.50	20.00	19.95	20.32	21.24
GPRS 4 Tx slots	23.15	23.44	23.41	24.50	20.15	20.44	20.41	21.50
EDGE 1 Tx slot	23.84	23.76	26.13	27.00	16.84	16.76	17.13	18.00
EDGE 2 Tx slots	22.70	22.53	22.96	24.00	16.70	16.53	16.96	18.00
EDGE 3 Tx slots	20.97	20.71	21.12	22.00	16.71	16.45	16.86	17.74
EDGE 4 Tx slots	20.04	20.06	20.19	21.00	17.04	17.06	17.19	18.00

WCDMA II Ant1 Default																WCDMA IV Ant1 Default						WCDMA V Ant1 Default					
Band		WCDMA II			Band		WCDMA IV			Band		WCDMA V															
TX Channel	9262	9400	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)	4132	4182	4233	Tune-up Limit (dBm)	4357	4407	4458												
Frequency (MHz)	1852.4	1880	1900.8	(dBm)	1537	1638	1738	(dBm)	4357	4407	4458	(dBm)	4357	4407	4458												
3GPP Rel 99	23.46	23.58	23.54	25.00	23.54	23.71	23.58	25.00	23.55	23.68	23.81	25.00	23.55	23.68	23.81												
3GPP Rel 99	IMC 12.2Kbps	23.54	23.65	23.64	25.00	23.76	23.77	23.67	25.00	23.56	23.69	23.65	25.00	23.56	23.69												
3GPP Rel 6	HSDPA Subtest-1	22.48	22.55	22.53	24.00	22.64	22.79	22.75	24.00	22.68	22.75	22.71	24.00	22.68	22.75												
3GPP Rel 6	HSDPA Subtest-2	22.50	22.53	22.41	24.00	22.59	22.70	22.64	24.00	22.63	22.86	22.86	24.00	22.63	22.86												
3GPP Rel 6	HSDPA Subtest-3	21.95	22.08	22.06	23.50	22.15	22.25	22.15	23.50	22.15	22.19	22.19	23.50	22.15	22.19												
3GPP Rel 6	HSDPA Subtest-4	21.93	22.05	21.93	23.50	22.13	22.19	22.13	23.50	22.12	22.21	22.11	23.50	22.12	22.21												
3GPP Rel 6	DC-HSDPA Subtest-1	22.42	22.50	22.51	24.00	22.66	22.69	22.60	24.00	22.63	22.68	22.68	24.00	22.63	22.68												
3GPP Rel 6	DC-HSDPA Subtest-2	22.41	22.45	22.41	24.00	22.57	22.65	22.63	24.00	22.54	22.58	22.53	24.00	22.54	22.58												
3GPP Rel 6	DC-HSDPA Subtest-3	21.92	22.08	21.96	23.50	22.05	22.20	22.05	23.50	22.02	22.19	22.03	23.50	22.02	22.19												
3GPP Rel 6	DC-HSDPA Subtest-4	21.87	21.99	21.91	23.50	22.01	22.06	22.08	23.50	22.00	22.14	22.04	23.50	22.00	22.14												
3GPP Rel 6	HSUPA Subtest-1	22.36	22.41	22.39	24.00	22.47	22.60	22.57	24.00	22.49	22.62	22.60	24.00	22.49	22.62												
3GPP Rel 6	HSUPA Subtest-2	20.46	20.61	20.55	22.00	20.84	20.71	20.62	22.00	20.69	20.77	20.61	22.00	20.69	20.77												
3GPP Rel 6	HSUPA Subtest-3	21.58	21.68	21.56	23.00	21.72	21.81	21.76	23.00	21.72	21.73	21.75	23.00	21.72	21.73												
3GPP Rel 6	HSUPA Subtest-4	20.38	20.55	20.38	22.00	20.55	20.68	20.58	22.00	20.59	20.69	20.60	22.00	20.59	20.69												
3GPP Rel 6	HSUPA Subtest-5	22.39	22.47	22.38	24.00	22.58	22.65	22.57	24.00	22.59	22.63	22.64	24.00	22.59	22.63												
3GPP Rel 7	HSPA+ (HSPA) Subtest-1	19.98	20.13	20.05	21.50	20.22	20.34	20.26	21.50	20.18	20.36	20.20	21.50	20.18	20.36												



Band 2 Ant1 Default												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	24.14	24.24	24.05			25.5	0		
20	QPSK	1	49	24.05	24.18	23.90						
20	QPSK	1	99	24.01	24.24	23.97						
20	QPSK	50	0	23.18	23.25	23.16			24.5	1		
20	QPSK	50	24	23.04	23.10	23.04						
20	QPSK	50	50	23.03	23.11	23.08						
20	QPSK	100	0	23.20	23.36	23.13			24.5	1		
20	16QAM	1	0	22.99	23.03	22.96						
20	16QAM	1	49	22.96	22.93	22.91						
20	16QAM	1	99	22.89	22.89	22.84			23.5	2		
20	16QAM	50	0	22.19	22.33	22.22						
20	16QAM	50	24	22.05	22.26	22.11						
20	16QAM	50	50	22.09	22.26	22.13			22.5	3		
20	16QAM	100	0	22.19	22.25	22.11						
20	64QAM	1	0	22.04	22.15	22.05						
20	64QAM	1	49	21.98	22.11	21.97			23.5	2		
20	64QAM	1	99	21.83	22.01	22.00						
20	64QAM	50	0	21.18	21.32	21.20						
20	64QAM	50	24	21.14	21.21	21.12			22.5	3		
20	64QAM	50	50	21.11	21.24	21.10						
20	64QAM	100	0	21.01	21.11	21.05						
Channel												
Frequency (MHz)												
15	QPSK	1	0	24.06	24.22	23.96			25.5	0		
15	QPSK	1	49	23.93	24.15	23.79						
15	QPSK	1	74	23.80	24.19	23.76						
15	QPSK	36	0	23.06	23.19	23.07			24.5	1		
15	QPSK	36	20	22.92	22.89	22.97						
15	QPSK	36	39	23.01	22.92	22.97						
15	QPSK	75	0	23.04	23.22	23.07			24.5	1		
15	16QAM	1	0	22.85	22.93	22.83						
15	16QAM	1	37	22.93	22.74	22.87						
15	16QAM	1	74	22.86	22.81	22.76			23.5	2		
15	16QAM	36	0	22.11	22.29	22.08						
15	16QAM	36	20	21.97	22.15	22.05						
15	16QAM	36	39	21.99	22.14	21.95			23.5	2		
15	16QAM	75	0	22.04	22.22	21.93						
15	64QAM	1	37	21.89	22.00	21.79						
15	64QAM	1	74	21.77	21.83	21.85			22.5	3		
15	64QAM	36	0	21.00	21.23	21.11						
15	64QAM	36	20	20.92	21.16	21.03						
15	64QAM	36	39	21.00	21.05	20.95			22.5	3		
15	64QAM	75	0	20.90	20.98	20.98						
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.01	24.20	23.96					25.5	0
10	QPSK	1	25	23.87	24.09	23.87						
10	QPSK	1	49	23.98	24.10	23.89						
10	QPSK	25	0	23.14	23.07	22.98			24.5	1		
10	QPSK	25	12	22.95	22.96	22.95						
10	QPSK	25	25	22.98	23.00	22.93						
10	QPSK	50	0	22.98	23.13	23.06			24.5	1		
10	16QAM	1	0	22.78	22.92	22.89						
10	16QAM	1	25	22.93	22.83	22.81						
10	16QAM	1	49	22.78	22.72	22.71			23.5	2		
10	16QAM	25	0	22.01	22.29	22.19						
10	16QAM	25	12	21.92	22.06	21.96						
10	16QAM	25	25	21.95	22.10	22.05			23.5	2		
10	16QAM	50	0	22.03	22.06	22.04						
10	64QAM	1	0	21.88	21.95	21.88						
10	64QAM	1	25	21.87	21.99	21.80			23.5	2		
10	64QAM	1	49	21.75	21.97	21.80						
10	64QAM	25	0	21.10	21.26	21.07						
10	64QAM	25	12	20.95	21.05	20.92			22.5	3		
10	64QAM	25	25	20.95	21.07	20.98						
10	64QAM	50	0	20.92	20.97	20.83						
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.03	24.12	23.92			25.5	0		
5	QPSK	1	12	23.98	24.15	23.83						
5	QPSK	1	24	23.82	24.20	23.95						
5	QPSK	12	0	23.13	23.09	23.13			24.5	1		
5	QPSK	12	7	22.85	22.93	22.99						
5	QPSK	12	13	22.88	23.06	22.93						
5	QPSK	25	0	23.00	23.13	23.00			24.5	1		
5	16QAM	1	0	22.85	22.96	22.91						
5	16QAM	1	12	22.93	22.76	22.82						
5	16QAM	1	24	22.85	22.69	22.77			23.5	2		
5	16QAM	12	0	22.03	22.25	22.03						
5	16QAM	12	7	21.95	22.09	22.06						
5	16QAM	12	13	21.90	22.06	22.04			23.5	2		
5	16QAM	25	0	22.06	22.16	21.94						
5	64QAM	1	0	22.00	22.10	21.90						
5	64QAM	1	12	21.76	21.98	21.80			23.5	2		
5	64QAM	1	24	21.77	21.85	21.91						
5	64QAM	12	0	20.97	21.27	21.12						
5	64QAM	12	7	20.99	21.15	21.06			22.5	3		
5	64QAM	12	13	21.03	21.04	20.90						
5	64QAM	25	0	20.92	20.96	20.99						
Channel												
Frequency (MHz)												
3	QPSK	1	0	24.02	24.12	23.90			25.5	0		
3	QPSK	1	8	23.93	24.11	23.86						
3	QPSK	1	14	23.92	24.17	23.87						
3	QPSK	8	0	22.98	23.12	23.06			24.5	1		
3	QPSK	8	4	22.93	23.02	22.99						
3	QPSK	8	7	22.83	22.96	22.88						
3	QPSK	15	0	23.10	23.11	23.05			24.5	1		
3	16QAM	1	0	22.84	22.94	22.83						
3	16QAM	1	8	22.86	22.84	22.84						
3	16QAM	1	14	22.69	22.75	22.65			23.5	2		
3	16QAM	8	0	22.08	22.16	22.14						
3	16QAM	8	4	21.85	22.12	22.00						
3	16QAM	8	7	21.95	22.18	22.03			23.5	2		
3	16QAM	15	0	21.99	22.11	21.92						
3	64QAM	1	0	21.98	21.99	21.84						
3	64QAM	1	8	21.82	21.99	21.83			23.5	2		
3	64QAM	1	14	21.91	21.93	21.94						
3	64QAM	8	0	21.12	21.20	21.02						
3	64QAM	8	4	20.93	21.16	21.01			22.5	3		
3	64QAM	8	7	20.94	21.02	21.06						
3	64QAM	15	0	20.97	20.90	20.91						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	23.93	24.07	23.89			25.5	0		
1.4	QPSK	1	3	23.86	23.96	23.71						
1.4	QPSK	1	5	23.94	24.02	23.90						
1.4	QPSK	3	0	24.03	24.05	23.83			24.5	1		
1.4	QPSK	3	1	24.01	23.97	23.79						
1.4	QPSK	3	3	23.86	24.07	23.91						
1.4	QPSK	6	0	23.08	23.14	23.09			24.5	1		
1.4	QPSK	6	1	23.01	23.02	23.01						
1.4	16QAM	1	3	22.98	23.03	22.94						
1.4	16QAM	1	5	23.00	23.11	23.08			24.5	1		
1.4	16QAM	3	0	22.81	22.94	22.88						
1.4	16QAM	3	1	22.74	22.71	22.71			23.5	2		
1.4	16QAM	3	3	22.81	22.80	22.82						
1.4	16QAM	6	0	22.09	22.23	22.05						
1.4	16QAM	6	1	21.98	22.20	22.03			23.5	2		
1.4	16QAM	1	3	21.97	22.19	22.01						
1.4	16QAM	1	5	22.06	22.09	21.91						
1.4	64QAM	3	0	21.28	22.08	22.05			23.5	2		
1.4	64QAM	3	1	21.26	22.02	22.02						
1.4	64QAM	3	3	21.02	22.02	22.02						
1.4	64QAM	6	0	20.96	20.99	20.98			22.5	3		

Band 13 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel 23250									
Frequency (MHz)									
10	QPSK	1	0		24.34				
10	QPSK	1	25		24.31		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.31				
10	QPSK	25	12		23.16		24.5	1	
10	QPSK	25	25		23.27				
10	QPSK	50	0		23.32				
10	16QAM	1	0		23.31				
10	16QAM	1	25		23.18		24.5	1	
10	16QAM	1	49		23.28				
10	16QAM	25	0		22.31				
10	16QAM	25	12		22.17		23.5	2	
10	16QAM	25	25		22.26				
10	16QAM	50	0		22.36				
10	64QAM	1	0		22.23				
10	64QAM	1	25		22.10		23.5	2	
10	64QAM	1	49		22.20				
10	64QAM	25	0		21.37				
10	64QAM	25	12		21.31		22.5	3	
10	64QAM	25	25		21.26				
10	64QAM	50	0		21.29				
Channel 23205									
Frequency (MHz)									
5	QPSK	1	0	24.15	24.19	24.13			
5	QPSK	1	12	24.20	24.14	24.13	25.5	0	
5	QPSK	1	24	24.08	24.19	24.07			
5	QPSK	12	0	23.24	23.13	23.27			
5	QPSK	12	7	22.97	23.10	23.07	24.5	1	
5	QPSK	12	13	23.21	23.18	23.24			
5	QPSK	25	0	23.19	23.10	23.28			
5	16QAM	1	0	23.12	23.12	23.27			
5	16QAM	1	12	22.98	23.15	23.15	24.5	1	
5	16QAM	1	24	23.23	23.21	23.12			
5	16QAM	12	0	22.14	22.10	22.20			
5	16QAM	12	7	22.14	22.11	21.99	23.5	2	
5	16QAM	12	13	22.16	22.22	22.12			
5	16QAM	25	0	22.31	22.30	22.31			
5	64QAM	1	0	22.02	22.06	22.20			
5	64QAM	1	12	21.96	22.03	21.96	23.5	2	
5	64QAM	1	24	22.15	22.04	22.11			
5	64QAM	12	0	21.34	21.29	21.32			
5	64QAM	12	7	21.22	21.09	21.21	22.5	3	
5	64QAM	12	13	21.09	21.14	21.12			
5	64QAM	25	0	21.23	21.23	21.19			

Band 26 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel 26765									
Frequency (MHz)									
15	QPSK	1	0	24.02	24.41	24.19			
15	QPSK	1	37	23.92	24.29	24.14	25.5	0	
15	QPSK	1	74	23.97	24.28	24.08			
15	QPSK	36	0	22.98	23.11	23.06			
15	QPSK	36	20	22.87	23.00	23.00	24.5	1	
15	QPSK	36	39	22.86	22.97	23.01			
15	QPSK	75	0	23.01	23.15	23.14			
15	16QAM	1	0	23.02	23.17	23.11			
15	16QAM	1	37	22.87	23.03	23.06	24.5	1	
15	16QAM	1	74	22.93	23.08	23.04			
15	16QAM	36	0	22.02	22.20	22.00			
15	16QAM	36	20	21.91	22.12	21.95	23.5	2	
15	16QAM	36	39	21.94	22.16	21.96			
15	16QAM	75	0	21.87	22.17	22.02			
15	64QAM	1	0	22.02	22.12	22.13			
15	64QAM	1	37	21.92	22.00	22.02	23.5	2	
15	64QAM	1	74	21.99	22.04	22.05			
15	64QAM	36	0	20.83	21.06	20.83			
15	64QAM	36	20	20.78	20.94	20.85	22.5	3	
15	64QAM	36	39	20.69	21.04	20.90			
15	64QAM	75	0	20.88	21.08	21.08			
Channel 26740									
Frequency (MHz)									
10	QPSK	1	0	23.86	24.38	23.98			
10	QPSK	1	25	23.90	24.24	23.92	25.5	0	
10	QPSK	1	49	23.89	24.10	23.92			
10	QPSK	25	0	22.89	22.98	23.00			
10	QPSK	25	12	22.67	22.85	22.82	24.5	1	
10	QPSK	25	25	22.81	22.85	22.79			
10	QPSK	50	0	22.92	23.11	23.11			
10	16QAM	1	0	22.84	22.95	22.92			
10	16QAM	1	25	22.72	22.82	22.87	24.5	1	
10	16QAM	1	49	22.89	22.93	22.94			
10	16QAM	25	0	21.83	22.15	21.96	23.5	2	
10	16QAM	25	12	21.70	22.10	21.91			
10	16QAM	25	25	21.78	22.11	21.85			
10	16QAM	50	0	21.80	22.09	21.86			
10	64QAM	1	0	21.91	22.06	21.94			
10	64QAM	1	25	21.89	21.85	21.90	23.5	2	
10	64QAM	1	49	21.78	22.02	21.83			
10	64QAM	25	0	20.75	21.04	20.82			
10	64QAM	25	12	20.68	20.92	20.80	22.5	3	
10	64QAM	25	25	20.68	20.86	20.73			
10	64QAM	50	0	20.80	20.90	20.85			
Channel 26715									
Frequency (MHz)									
5	QPSK	1	0	23.82	24.26	24.13			
5	QPSK	1	12	23.81	24.26	24.08	25.5	0	
5	QPSK	1	24	23.83	24.15	23.93			
5	QPSK	12	0	22.95	23.03	22.91			
5	QPSK	12	7	22.80	22.88	22.90	24.5	1	
5	QPSK	12	13	22.78	22.83	22.86			
5	QPSK	25	0	22.88	23.04	22.99			
5	16QAM	1	0	22.85	23.01	22.91			
5	16QAM	1	12	22.66	22.93	23.00	24.5	1	
5	16QAM	1	24	22.82	22.87	23.00			
5	16QAM	12	0	21.96	22.02	21.80	23.5	2	
5	16QAM	12	7	21.74	21.93	21.84			
5	16QAM	12	13	21.90	21.96	21.83			
5	16QAM	25	0	21.82	22.03	21.88			
5	64QAM	1	0	21.85	21.98	21.91			
5	64QAM	1	12	21.86	21.95	21.98	23.5	2	
5	64QAM	1	24	21.82	21.84	22.02			
5	64QAM	12	0	20.61	20.86	20.85			
5	64QAM	12	7	20.69	20.75	20.75	22.5	3	
5	64QAM	12	13	20.65	20.88	20.84			
5	64QAM	25	0	20.73	20.99	20.98			
Channel 26705									
Frequency (MHz)									
3	QPSK	1	0	23.91	24.32	24.00			
3	QPSK	1	8	23.83	24.25	24.04	25.5	0	
3	QPSK	1	14	23.88	24.17	23.91			
3	QPSK	8	0	22.77	22.99	22.85			
3	QPSK	8	4	22.78	22.87	22.80	24.5	1	
3	QPSK	8	7	22.81	22.88	22.81			
3	QPSK	15	0	22.98	23.01	23.06			
3	16QAM	1	0	23.00	23.06	23.05			
3	16QAM	1	8	22.81	22.89	22.91	24.5	1	
3	16QAM	1	14	22.78	23.05	22.92			
3	16QAM	8	0	21.90	22.02	21.96			
3	16QAM	8	4	21.79	21.91	21.83	23.5	2	
3	16QAM	8	7	21.76	22.11	21.83			
3	16QAM	15	0	21.70	21.96	21.87			
3	64QAM	1	0	21.87	22.06	22.11			
3	64QAM	1	8	21.85	21.87	21.82	23.5	2	
3	64QAM	1	14	21.80	22.02	21.85			
3	64QAM	8	0	20.81	21.03	20.90			
3	64QAM	8	4	20.67	20.82	20.65	22.5	3	
3	64QAM	8	7	20.47	20.96	20.75			
3	64QAM	15	0	20.78	21.02	20.98			
Channel 26697									
Frequency (MHz)									
1.4	QPSK	1	0	23.93	24.26	23.99			
1.4	QPSK	1	3	23.74	24.09	23.94	25.5	0	
1.4	QPSK	1	5	23.92	24.10	24.02			
1.4	QPSK	3	0	23.95	24.29	24.03			
1.4	QPSK	3	1	23.77	24.16	23.86			
1.4	QPSK	3	3	23.91	24.25	24.05	24.5	1	
1.4	QPSK	6	0	22.78	23.05	22.99			
1.4	16QAM	1	0	22.65	22.90	22.83			
1.4	16QAM	1	3	22.71	22.76	22.82			
1.4	16QAM	1	5	22.82	22.97	22.97	24.5	1	
1.4	16QAM	3	0	22.80	23.01	22.97			
1.4	16QAM	3	1	22.82	22.86	22.94			
1.4	16QAM	3	3	22.77	22.99	22.87			
1.4	16QAM	6	0	21.85	22.08	21.87	23.5	2	
1.4	64QAM	1	0	21.79	21.93	21.81			
1.4	64QAM	1	3	21.89	22.05	21.94			
1.4	64QAM	1	5	21.77	22.03	21.97	23.5	2	
1.4	64QAM	3	0	21.83	22.05	21.98			
1.4	64QAM	3	1	21.71	21.86	21.80			
1.4	64QAM	3	3	21.91	21.86	21.97			
1.4	64QAM	6	0	20.72	20.92	20.87	22.5	3	

Band 38 Ant1 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up [dBm]	MPR [dB]		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	24.01	24.12	24.08				
20	QPSK	1	49	23.91	24.02	24.01				
20	QPSK	1	99	23.88	24.06	23.98				
20	QPSK	50	0	23.01	23.11	23.06				
20	QPSK	50	24	22.98	22.96	22.98				
20	QPSK	50	50	22.86	23.07	22.93				
20	QPSK	100	0	23.04	23.09	22.97				
20	16QAM	1	0	22.86	23.07	23.01				
20	16QAM	1	49	22.92	22.93	22.98				
20	16QAM	1	99	22.77	22.93	22.84				
20	16QAM	50	0	22.07	22.12	22.06				
20	16QAM	50	24	22.04	21.99	22.01				
20	16QAM	50	50	22.00	22.06	21.98				
20	16QAM	100	0	22.00	22.11	22.08				
20	64QAM	1	0	22.11	22.22	22.18				
20	64QAM	1	49	22.00	22.12	22.09				
20	64QAM	1	99	21.87	22.02	22.03				
20	64QAM	50	0	21.10	21.20	21.15				
20	64QAM	50	24	21.01	21.08	21.09				
20	64QAM	50	50	20.99	21.12	21.08				
20	64QAM	100	0	21.07	21.19	21.10				
Channel				37825	38000	38175	Turn-up [dBm]	MPR [dB]		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.90	23.94	23.90				
15	QPSK	1	37	23.88	23.90	23.84				
15	QPSK	1	74	23.85	23.98	23.82				
15	QPSK	36	0	22.87	22.93	22.89				
15	QPSK	36	20	22.92	22.81	22.81				
15	QPSK	36	39	22.66	22.86	22.87				
15	QPSK	75	0	22.98	22.91	22.87				
15	16QAM	1	0	22.83	23.02	22.92				
15	16QAM	1	37	22.77	22.73	22.76				
15	16QAM	1	74	22.66	22.90	22.73				
15	16QAM	36	0	21.94	21.90	21.87				
15	16QAM	36	20	21.97	21.78	21.86				
15	16QAM	36	39	21.81	22.02	21.93				
15	16QAM	75	0	21.93	22.03	22.05				
15	64QAM	1	0	22.07	22.08	22.14				
15	64QAM	1	37	21.88	21.91	22.01				
15	64QAM	1	74	21.84	21.97	21.84				
15	64QAM	36	0	21.01	21.00	21.02				
15	64QAM	36	20	20.80	20.87	20.90				
15	64QAM	36	39	20.90	20.91	21.04				
15	64QAM	75	0	20.86	21.16	21.06				
Channel				37900	38000	38200	Turn-up [dBm]	MPR [dB]		
Frequency (MHz)				2573	2595	2615				
10	QPSK	1	0	23.94	24.09	23.98				
10	QPSK	1	25	23.86	23.81	23.91				
10	QPSK	1	49	23.70	23.86	23.95				
10	QPSK	25	0	22.82	22.96	22.99				
10	QPSK	25	12	22.77	22.86	22.92				
10	QPSK	25	25	22.81	23.00	22.79				
10	QPSK	50	0	22.94	22.94	22.80				
10	16QAM	1	0	22.80	23.01	22.85				
10	16QAM	1	25	22.83	22.73	22.81				
10	16QAM	1	49	22.84	22.86	22.68				
10	16QAM	25	0	21.90	22.06	22.03				
10	16QAM	25	12	22.00	21.91	21.81				
10	16QAM	25	25	21.85	21.85	21.88				
10	16QAM	50	0	21.85	21.94	21.97				
10	64QAM	1	0	22.07	22.11	22.08				
10	64QAM	1	25	21.95	22.08	22.01				
10	64QAM	1	49	21.68	21.80	21.93				
10	64QAM	25	0	21.02	21.11	21.08				
10	64QAM	25	12	20.95	20.88	21.05				
10	64QAM	25	25	20.87	21.09	21.06				
10	64QAM	50	0	21.01	21.11	20.90				
Channel				37775	38000	38225	Turn-up [dBm]	MPR [dB]		
Frequency (MHz)				2612.5	2595	2617.5				
5	QPSK	1	0	23.98	24.07	24.04				
5	QPSK	1	12	23.86	23.94	23.95				
5	QPSK	1	24	23.67	23.87	23.85				
5	QPSK	12	0	22.97	23.00	22.95				
5	QPSK	12	7	22.88	22.85	22.87				
5	QPSK	12	13	22.73	22.80	22.87				
5	QPSK	25	0	22.89	22.94	22.83				
5	16QAM	1	0	22.79	22.99	22.90				
5	16QAM	1	12	22.74	22.61	22.69				
5	16QAM	1	24	22.64	22.74	22.72				
5	16QAM	12	0	22.01	21.91	21.94				
5	16QAM	12	7	21.88	21.81	21.97				
5	16QAM	12	13	21.81	22.03	21.83				
5	16QAM	25	0	21.85	21.98	21.93				
5	64QAM	1	0	22.07	22.01	22.03				
5	64QAM	1	12	21.81	21.97	21.89				
5	64QAM	1	24	21.72	21.89	21.82				
5	64QAM	12	0	20.92	21.17	21.11				
5	64QAM	12	7	20.87	21.03	21.07				
5	64QAM	12	13	20.79	20.94	21.05				
5	64QAM	25	0	20.88	20.99	20.99				

Band 41 Ant1 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Power High Middle Ch. / Freq	Tune-up level [dBm]	MPR [dB]
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.91	23.98	24.15	24.09	24.06	25.5	0
20	QPSK	1	49	23.84	23.85	24.12	24.01	23.95		
20	QPSK	1	99	23.80	23.89	24.01	23.97	23.96		
20	QPSK	50	0	23.04	23.09	23.14	23.11	23.09	24.5	1
20	QPSK	50	24	22.91	23.00	23.05	23.03	22.94		
20	QPSK	50	50	22.98	22.98	23.01	23.04	22.98		
20	QPSK	100	0	22.95	23.03	23.07	22.92	22.98	24.5	
20	16QAM	1	0	23.05	22.99	23.10	22.97	22.96		
20	16QAM	1	49	22.93	22.85	23.03	22.85	22.87		
20	16QAM	1	99	22.99	22.95	23.04	22.91	22.82	23.5	2
20	16QAM	50	0	21.88	21.94	21.97	21.90	21.91		
20	16QAM	50	24	21.74	21.86	21.85	21.75	21.85		
20	16QAM	50	50	21.76	21.88	21.88	21.84	21.77	23.5	2
20	16QAM	100	0	22.00	22.03	22.09	22.04	21.98		
20	64QAM	1	0	22.12	22.04	22.18	22.09	22.10		
20	64QAM	1	49	22.08	21.97	22.05	22.01	22.04	23.5	2
20	64QAM	1	99	21.98	21.96	22.06	21.97	22.04		
20	64QAM	50	0	21.04	20.99	21.08	20.98	21.02		
20	64QAM	50	24	20.98	20.89	20.93	20.95	20.89	22.5	3
20	64QAM	50	50	20.93	20.85	20.99	20.93	20.94		
20	64QAM	100	0	20.98	21.01	21.10	20.98	20.98		
Channel				39725	40173	40620	41068	41515	Turn-up level [dBm]	MPR [dB]
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.70	23.79	24.06	23.91	23.86	26	0
15	QPSK	1	37	23.78	23.70	24.07	23.81	23.83		
15	QPSK	1	74	23.61	23.68	23.84	23.81	23.77		
15	QPSK	36	0	22.84	22.92	22.98	23.00	22.90	24.5	1
15	QPSK	36	20	22.86	22.92	22.99	22.95	22.84		
15	QPSK	36	39	22.91	22.88	22.91	22.86	22.86		
15	QPSK	75	0	22.82	22.82	23.04	22.89	22.76	24.5	1
15	16QAM	1	0	22.96	22.90	22.96	22.99	22.76		
15	16QAM	1	37	22.80	22.82	22.91	22.63	22.76		
15	16QAM	1	74	22.94	22.78	22.99	22.85	22.64	23	2
15	16QAM	36	0	21.52	21.79	21.83	21.74	21.88		
15	16QAM	36	39	21.65	21.80	21.75	21.65	21.63		
15	16QAM	75	0	21.79	21.98	22.06	22.00	21.88	23.5	2
15	64QAM	1	0	22.05	21.97	22.12	22.02	21.98		
15	64QAM	1	37	21.83	21.78	22.01	21.92	21.92		
15	64QAM	1	74	21.83	21.75	22.05	21.85	21.84	22.5	3
15	64QAM	36	0	20.85	20.85	21.01	20.95	20.96		
15	64QAM	36	20	20.78	20.78	20.76	20.75	20.77		
15	64QAM	36	39	20.80	20.69	20.92	20.68	20.77	22.5	3
15	64QAM	36	74	20.80	20.69	20.92	20.68	20.77		
15	64QAM	75	0	20.78	20.81	20.89	20.93	20.85		
Channel				39700	40160	40620	41080	41540	Turn-up level [dBm]	MPR [dB]
Frequency (MHz)				2501.5	2547.3	2593	2639.3	2685.5		
10	QPSK	1	0	23.91	23.95	23.98	24.05	23.95	26	0
10	QPSK	1	25	23.64	23.80	23.98	23.82	23.77		
10	QPSK	1	49	23.65	23.82	23.83	23.79	23.93		
10	QPSK	25	0	22.97	22.98	23.08	23.03	23.06	24.5	1
10	QPSK	25	12	22.73	22.92	22.94	22.98	22.85		
10	QPSK	25	25	22.72	22.82	22.92	22.99	22.94		
10	QPSK	50	0	22.76	22.89	22.96	22.76	22.93	24.5	1
10	16QAM	1	0	22.80	22.90	23.04	22.88	22.84		
10	16QAM	1	25	22.86	22.82	23.03	22.67	22.73		
10	16QAM	1	49	22.91	22.79	23.02	22.82	22.63	23.5	2
10	16QAM	25	0	21.83	21.81	21.90	21.82	21.78		
10	16QAM	25	12	21.53	21.78	21.80	21.62	21.78		
10	16QAM	25	25	21.67	21.75	21.81	21.70	21.64	22.5	3
10	16QAM	50	0	21.98	21.82	21.90	21.87	21.83		
10	64QAM	1	0	21.98	21.98	21.97	22.02	21.97		
10	64QAM	1	25	21.80	21.80	21.82	21.82	21.88	23.5	2
10	64QAM	1	49	21.83	21.83	21.93	21.87	21.88		
10	64QAM	25	0	20.87	20.91	21.02	20.85	20.90		
10	64QAM	25	12	20.84	20.71	20.73	20.75	20.77	22.5	3
10	64QAM	25	25	20.79	20.75	20.82	20.67	20.89		
10	64QAM	50	0	20.79	20.85	21.04	20.95	20.95		
Channel				24955	2545.8	2593	2640.30	2687.5	Turn-up level [dBm]	MPR [dB]
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.73	23.90	24.04	23.93	23.85	26	0
5	QPSK	1	12	23.78	23.64	23.98	23.90	23.85		
5	QPSK	1	24	23.71	23.87	23.95	23.85	23.88		
5	QPSK	12	0	23.04	23.09	23.14	23.11	23.09	24.5	1
5	QPSK	12	7	22.94	22.90	22.92	22.96	22.93		
5	QPSK	12	13	22.94	22.76	22.97	22.92	22.77		
5	QPSK	25	0	22.85	22.90	22.88	22.72	22.85	24.5	1
5	16QAM	1	0	22.95	22.81	23.00	22.87	22.91		
5	16QAM	1	12	22.82	22.77	23.00	22.86	22.86		
5	16QAM	1	24	22.77	22.92	22.93	22.83	22.75	23.5	2
5	16QAM	12	0	21.77	21.76	21.78	21.88	21.88		
5	16QAM	12	7	21.66	21.66	21.68	21.66	21.62		
5	16QAM	12	13	21.72	21.69	21.80	21.73	21.63	22.5	3
5	16QAM	25	0	21.83	21.88	21.84	21.90	21.78		
5	16QAM	25	1	21.90	21.94	22.09	22.04	21.97		
5	64QAM	1	12	21.99	21.81	22.02	21.89	21.93	23.5	2
5	64QAM	1	24	21.86	21.85	21.92	21.88	21.94		
5	64QAM	12	0	20.90	20.85	20.86	20.84	20.98		
5	64QAM	12	7	20.77	20.75	21.03	20.83	20.82	22.5	3
5	64QAM	12	13	20.70	20.70	20.77	20.77	20.77		
5	64QAM	25	0	20.88	20.96	21.08	20.88	20.91		

GSM850 Ant4 Default						
GSM850	Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	128	189	251	128	189	251
Frequency (MHz)	124.2	131.4	141.8	124.2	131.4	141.8
GSM 1 Tx slot	32.35	32.47	32.57	33.50	23.35	23.47
GPRS 1 Tx slot	32.38	32.51	32.58	33.50	23.38	23.51
GPRS 2 Tx slots	30.53	30.42	30.54	31.00	24.53	24.42
GPRS 3 Tx slots	28.50	28.49	28.31	28.50	24.19	24.23
GPRS 4 Tx slots	27.22	27.15	27.16	28.00	24.22	24.15
EDGE 1 Tx slot	26.88	26.93	26.91	28.00	17.88	17.93
EDGE 2 Tx slots	24.33	24.31	24.29	25.50	18.33	18.31
EDGE 3 Tx slots	22.32	22.22	22.17	24.00	18.06	17.96
EDGE 4 Tx slots	20.59	20.68	20.57	22.00	17.59	17.68

GSM1900 Ant4 Default						
GSM1900	Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	512	861	810	512	861	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM 1 Tx slot	28.87	28.98	28.27	30.00	19.87	19.98
GPRS 1 Tx slot	28.91	28.00	29.31	30.00	19.91	20.00
GPRS 2 Tx slots	26.05	26.48	26.43	27.50	20.05	20.49
GPRS 3 Tx slots	24.17	24.23	24.59	25.00	19.91	19.97
GPRS 4 Tx slots	22.87	22.77	23.07	23.50	19.87	19.77
EDGE 1 Tx slot	25.33	25.36	25.73	26.00	16.33	16.36
EDGE 2 Tx slots	22.27	22.39	22.44	22.50	16.27	16.39
EDGE 3 Tx slots	20.44	20.46	20.42	20.50	16.18	16.20
EDGE 4 Tx slots	19.40	19.33	19.46	19.50	16.40	16.33

WCDMA II Ant4 Default				WCDMA IV Ant4 Default				WCDMA V Ant4 Default			
Band		WCDMA II		Tune-up Limit (dBm)	WCDMA IV		Tune-up Limit (dBm)	WCDMA V		Tune-up Limit (dBm)	
Rx Channel		9262	9400		1312	1413		4132	4182		
Frequency (MHz)		1852.2	1869	1897.8	1722.4	1722.8	1742.2	4357	4407	4458	
IGPP Rel 99	AMR 12.2Kbps	23.59	23.70	23.60	25.00	23.59	23.75	23.65	25.00	23.53	23.66
IGPP Rel 99	RMC 12.2Kbps	23.65	23.71	23.64	25.00	23.73	23.84	23.56	25.00	23.58	23.73
IGPP Rel 6	HSDPA Subtest-1	22.53	22.72	22.68	24.00	22.59	22.68	22.65	24.00	22.65	22.62
IGPP Rel 6	HSDPA Subtest-2	22.57	22.63	22.52	24.00	22.57	22.69	22.56	24.00	22.65	22.70
IGPP Rel 6	HSDPA Subtest-3	22.10	22.25	22.21	23.50	22.05	22.14	22.14	23.50	22.01	22.21
IGPP Rel 6	HSDPA Subtest-4	22.10	22.21	22.09	23.50	22.08	22.14	22.09	23.50	22.06	22.17
IGPP Rel 8	DC-HSDPA Subtest-1	22.52	22.67	22.58	24.00	22.58	22.59	22.56	24.00	22.53	22.63
IGPP Rel 8	DC-HSDPA Subtest-2	22.48	22.52	22.56	24.00	22.47	22.58	22.56	24.00	22.50	22.54
IGPP Rel 8	DC-HSDPA Subtest-3	21.98	22.20	22.11	23.50	22.05	22.17	22.04	23.50	22.03	22.22
IGPP Rel 8	DC-HSDPA Subtest-4	21.93	22.05	21.96	23.50	21.97	22.08	22.02	23.50	21.95	22.15
IGPP Rel 6	HSUPA Subtest-1	22.46	22.56	22.53	24.00	22.44	22.55	22.47	24.00	22.41	22.52
IGPP Rel 6	HSUPA Subtest-2	20.58	20.73	20.64	22.00	20.54	20.75	20.64	22.00	20.50	20.72
IGPP Rel 6	HSUPA Subtest-3	21.71	21.82	21.70	23.00	21.67	21.74	21.62	23.00	21.65	21.82
IGPP Rel 6	HSUPA Subtest-4	20.51	20.63	20.54	22.00	20.54	20.70	20.44	22.00	20.51	20.69
IGPP Rel 6	HSUPA Subtest-5	22.53	22.61	22.52	24.00	22.46	22.64	22.48	24.00	22.53	22.61
IGPP Rel 7	HSUPA+HSDPA Subtest-1	20.13	20.22	20.14	21.50	20.14	20.25	20.12	21.50	20.13	20.24



Band 2 Ant4 Default													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Turn-up limit (dBm)	MPR (dB)					
Channel													
Frequency (MHz)				16700	16900	19100							
20	QPSK	1	0	24.14	24.24	24.21			25.5	0			
20	QPSK	1	49	24.17	24.18	24.03							
20	QPSK	1	99	24.04	24.22	24.17							
20	QPSK	50	0	23.00	23.12	22.95			24.5	1			
20	QPSK	50	24	23.04	23.00	22.92							
20	QPSK	50	50	23.03	23.06	22.96							
20	QPSK	100	0	22.89	23.00	22.90			24.5	1			
20	16QAM	1	0	23.18	23.15	23.08							
20	16QAM	1	49	23.20	23.00	23.14							
20	16QAM	1	99	23.22	23.21	23.16			23.5	2			
20	16QAM	50	0	21.91	22.09	22.06							
20	16QAM	50	24	22.02	22.06	21.99							
20	16QAM	50	50	22.05	22.05	21.99			23.5	2			
20	16QAM	100	0	22.09	21.91	22.23							
20	64QAM	1	0	21.95	22.00	22.03							
20	64QAM	1	49	22.11	22.02	21.94			23.5	2			
20	64QAM	1	99	21.98	22.11	22.15							
20	64QAM	50	0	21.10	21.19	21.13							
20	64QAM	50	24	21.12	21.05	21.14			22.5	3			
20	64QAM	50	50	21.22	21.16	21.10							
20	64QAM	100	0	21.03	21.08	21.14							
Channel													
Frequency (MHz)				1687.5	1690	1912.5	Turn-up limit (dBm)	MPR (dB)					
15	QPSK	1	0	24.01	24.20	24.13			25.5	0			
15	QPSK	1	24	24.03	23.99	24.00							
15	QPSK	1	74	23.90	24.16	24.14							
15	QPSK	36	0	22.83	23.05	22.92			24.5	1			
15	QPSK	36	20	22.94	22.87	22.77							
15	QPSK	36	39	22.85	22.97	22.90							
15	QPSK	75	0	22.67	22.87	22.79			24.5	1			
15	16QAM	1	0	23.05	23.12	22.93							
15	16QAM	1	37	23.11	22.96	23.02							
15	16QAM	1	74	23.05	23.18	23.07			23.5	2			
15	16QAM	36	0	21.71	22.05	21.85							
15	16QAM	36	20	21.85	21.89	21.80							
15	16QAM	36	39	21.96	22.01	21.85			23.5	2			
15	16QAM	75	0	21.88	21.75	22.05							
15	16QAM	75	0	21.92	21.80	21.99							
15	64QAM	1	37	21.93	21.96	21.81			23.5	2			
15	64QAM	1	74	21.89	22.03	22.00							
15	64QAM	36	0	21.03	20.99	21.01							
15	64QAM	36	20	20.91	20.98	21.05			22.5	3			
15	64QAM	36	39	21.18	21.12	20.96							
15	64QAM	75	0	20.90	21.01	20.96							
Channel													
Frequency (MHz)				1865.0	1860	1915.0	Turn-up limit (dBm)	MPR (dB)					
10	QPSK	1	0	23.99	24.05	24.01			25.5	0			
10	QPSK	1	25	24.12	24.02	23.98							
10	QPSK	1	49	23.92	24.16	23.96							
10	QPSK	25	0	22.62	23.05	22.73			24.5	1			
10	QPSK	25	12	22.92	22.95	22.79							
10	QPSK	25	25	22.89	22.85	22.79							
10	QPSK	50	0	22.70	22.81	22.75			24.5	1			
10	16QAM	1	0	23.15	22.99	22.90							
10	16QAM	1	25	23.02	22.81	22.95							
10	16QAM	1	49	23.16	23.15	23.12			23.5	2			
10	16QAM	25	0	21.96	21.97	21.99							
10	16QAM	25	12	22.00	21.86	21.73							
10	16QAM	25	25	21.91	21.97	21.97			23.5	2			
10	16QAM	50	0	21.92	21.81	22.06							
10	64QAM	1	0	21.90	21.91	21.89							
10	64QAM	1	25	21.92	21.98	21.74			23.5	2			
10	64QAM	1	49	21.92	22.01	21.96							
10	64QAM	1	25	21.09	20.97	20.97							
10	64QAM	25	12	21.07	21.03	21.12			22.5	3			
10	64QAM	25	25	21.07	21.07	20.88							
10	64QAM	50	0	21.02	21.17	20.91							
Channel													
Frequency (MHz)				1862.5	1860	1917.5	Turn-up limit (dBm)	MPR (dB)					
5	QPSK	1	0	23.97	24.19	24.01			25.5	0			
5	QPSK	1	12	24.11	24.09	24.00							
5	QPSK	1	24	23.93	24.17	24.11							
5	QPSK	12	0	22.90	23.05	22.85			24.5	1			
5	QPSK	12	7	22.98	22.90	22.84							
5	QPSK	12	13	22.81	22.83	22.89							
5	QPSK	25	0	22.61	22.86	22.80			24.5	1			
5	16QAM	1	0	22.96	22.97	22.92							
5	16QAM	1	12	23.01	22.83	22.98							
5	16QAM	1	24	23.20	23.18	23.14			23.5	2			
5	16QAM	12	0	21.77	21.88	21.89							
5	16QAM	12	7	21.89	21.94	21.78							
5	16QAM	12	13	21.90	21.90	21.90			23.5	2			
5	16QAM	25	0	21.94	21.83	22.08							
5	64QAM	1	0	21.76	21.84	21.82							
5	64QAM	1	12	22.07	21.89	21.79			23.5	2			
5	64QAM	1	24	21.90	21.93	21.99							
5	64QAM	12	0	21.01	21.09	20.91							
5	64QAM	12	7	21.04	20.90	21.09			22.5	3			
5	64QAM	12	13	21.00	22.02	21.08							
5	64QAM	25	0	20.97	21.02	21.01							
Channel													
Frequency (MHz)				1861.5	1860	1916.5	Turn-up limit (dBm)	MPR (dB)					
3	QPSK	1	0	23.94	24.08	24.00			25.5	0			
3	QPSK	1	8	24.13	24.03	23.96							
3	QPSK	1	14	23.97	24.06	23.95							
3	QPSK	8	0	22.95	23.07	22.78			24.5	1			
3	QPSK	8	4	22.90	22.82	22.86							
3	QPSK	8	7	22.82	22.95	22.88							
3	QPSK	15	0	22.78	22.95	22.84			24.5	1			
3	16QAM	1	0	23.61	23.08	22.92							
3	16QAM	1	8	23.06	22.84	22.92							
3	16QAM	1	14	23.04	23.17	23.08			23.5	2			
3	16QAM	8	0	21.87	21.95	21.97							
3	16QAM	8	4	21.98	22.00	21.69							
3	16QAM	8	7	21.89	21.96	21.81			23.5	2			
3	16QAM	15	0	21.89	21.74	22.13							
3	64QAM	1	0	21.80	21.79	21.97							
3	64QAM	1	8	22.04	21.88	21.85			23.5	2			
3	64QAM	1	14	21.85	21.96	22.02							
3	64QAM	8	0	20.94	21.14	20.96							
3	64QAM	8	4	21.09	20.96	21.11			22.5	3			
3	64QAM	8	7	21.12	21.12	21.09							
3	64QAM	15	0	20.92	20.99	21.11							
Channel													
Frequency (MHz)				1860.7	1860	1919.3	Turn-up limit (dBm)	MPR (dB)					
1.4	QPSK	1	0	24.07	24.19	24.06			25.5	0			
1.4	QPSK	1	3	24.01	24.08	23.81							
1.4	QPSK	1	6	23.94	24.02	23.85							
1.4	QPSK	3	0	24.12	24.02	23.95			24.5	1			
1.4	QPSK	3	3	23.97	24.00	23.99							
1.4	QPSK	3	6	24.06	22.93	22.82							
1.4	QPSK	6	0	22.83	22.96	22.82			24.5	1			
1.4	QPSK	6	3	22.83	22.92	22.77							
1.4	QPSK	6	6	22.86	22.81	22.83							
1.4	QPSK	3	0	23.08	22.95	22.86			23.5	2			
1.4	QPSK	3	3	23.17	22.88	23.04							
1.4	QPSK	3	6	23.06	23.04	23.11							
1.4	QPSK	6	0	22.84	21.95	21.99			23.5	2			
1.4	QPSK	6	3	22.91	22.01	21.99							
1.4	QPSK	6	6	22.93	21.98	21.85							
1.4	QPSK	3	0	21.74	21.92	21.95			23.5	2			
1.4	QPSK	3	3	21.74	21.92	21.95							
1.4	QPSK	3	6	21.74	21.92	21.95							
1.4	QPSK	6	0	21.98	21.96	21.82			22.5	3			
1.4	QPSK	6	3	21.98	21.96	21.82							
1.4	QPSK	6	6	21.98	21.96	21.82							
1.4	QPSK	3	0	22.01	21.95	22.03			22.5	3			
1.4	QPSK	3	3	22.01	21.95	22.03							
1.4	QPSK	3	6	22.01	21.95	22.03							

Band 13 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel 782									
Frequency (MHz)									
10	QPSK	1	0		24.24				
10	QPSK	1	49		24.05		25.5	0	
10	QPSK	1	25		24.23				
10	QPSK	25	0		23.17				
10	QPSK	25	12		22.98		24.5	1	
10	QPSK	50	0		22.99				
10	QPSK	50	0		23.06				
10	16QAM	1	0		23.18				
10	16QAM	1	25		23.07		24.5	1	
10	16QAM	1	49		23.04				
10	16QAM	25	0		22.06				
10	16QAM	25	12		22.07		23.5	2	
10	16QAM	25	25		22.18				
10	16QAM	50	0		22.11				
10	64QAM	1	0		22.34				
10	64QAM	1	25		22.45		23.5	2	
10	64QAM	1	49		22.43				
10	64QAM	25	0		21.32				
10	64QAM	25	12		21.23				
10	64QAM	25	25		21.43		22.5	3	
10	64QAM	50	0		21.28				
Channel 23205									
Frequency (MHz)									
5	QPSK	1	0	24.05	24.10	24.14			
5	QPSK	1	12	23.89	24.01	23.96	25.5	0	
5	QPSK	1	24	24.06	24.11	24.11			
5	QPSK	12	0	23.14	22.98	22.98			
5	QPSK	12	7	22.87	22.86	22.85	24.5	1	
5	QPSK	12	13	22.85	22.92	22.88			
5	QPSK	25	0	22.99	23.00	22.96			
5	16QAM	1	0	23.04	23.04	22.99			
5	16QAM	1	12	22.93	23.03	22.85	24.5	1	
5	16QAM	1	24	22.83	22.84	22.99			
5	16QAM	12	0	21.99	21.91	21.85			
5	16QAM	12	7	21.97	21.97	21.89	23.5	2	
5	16QAM	12	13	22.02	21.99	22.07			
5	16QAM	25	0	21.98	22.02	21.92			
5	64QAM	1	0	22.16	22.24	22.15			
5	64QAM	1	12	22.30	22.40	22.23	23.5	2	
5	64QAM	1	24	22.38	22.29	22.23			
5	64QAM	12	0	21.16	21.11	21.12			
5	64QAM	12	7	21.10	21.17	21.03	22.5	3	
5	64QAM	12	13	21.25	21.21	21.23			
5	64QAM	25	0	21.08	21.19	21.08			

Band 26 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel									
Frequency (MHz)				26765	26865	26965			
15	QPSK	1	0	24.06	24.28	24.12			
15	QPSK	1	37	24.03	24.19	24.04	25.5	0	
15	QPSK	1	74	24.09	24.07	24.17			
15	QPSK	36	0	23.06	23.18	23.16			
15	QPSK	36	20	23.14	23.13	23.08	24.5	1	
15	QPSK	36	39	23.08	22.98	23.06			
15	QPSK	75	0	23.15	23.16	23.01			
15	16QAM	1	0	23.19	23.33	23.15			
15	16QAM	1	37	23.13	23.28	23.31	24.5	1	
15	16QAM	1	74	23.23	23.27	23.14			
15	16QAM	36	0	22.08	22.24	22.21			
15	16QAM	36	20	22.07	22.33	22.02	23.5	2	
15	16QAM	36	39	22.05	22.20	22.12			
15	16QAM	75	0	22.19	22.37	22.18			
15	64QAM	1	0	22.05	22.12	22.06			
15	64QAM	1	37	22.13	22.08	22.10	23.5	2	
15	64QAM	1	74	22.12	22.10	22.07			
15	64QAM	36	0	21.13	21.16	20.95			
15	64QAM	36	20	21.17	21.27	21.12	22.5	3	
15	64QAM	36	39	21.12	21.19	21.16			
15	64QAM	75	0	21.12	21.20	21.13			
Channel									
Frequency (MHz)				26740	26865	26960	Tune-up limit	MPR (dB)	
10	QPSK	1	0	24.02	24.12	23.96			
10	QPSK	1	25	23.99	24.11	23.94	25.5	0	
10	QPSK	1	49	23.88	23.92	23.99			
10	QPSK	25	0	23.03	22.97	22.99			
10	QPSK	25	12	22.98	22.94	23.03	24.5	1	
10	QPSK	25	25	22.90	22.81	22.93			
10	QPSK	50	0	23.09	23.14	22.98			
10	16QAM	1	0	23.00	23.24	22.99			
10	16QAM	1	25	22.94	23.22	23.29	24.5	1	
10	16QAM	1	49	23.14	23.21	22.96			
10	16QAM	25	0	21.92	22.13	22.13			
10	16QAM	25	12	22.04	22.18	21.96	23.5	2	
10	16QAM	25	25	21.99	22.12	21.99			
10	16QAM	50	0	22.08	22.32	22.00			
10	64QAM	1	0	21.91	22.01	21.91			
10	64QAM	1	25	22.10	21.90	22.04	23.5	2	
10	64QAM	1	49	22.05	21.93	22.02			
10	64QAM	25	0	20.93	20.98	20.75			
10	64QAM	25	12	20.97	21.14	20.95	22.5	3	
10	64QAM	25	25	21.04	21.03	21.09			
10	64QAM	50	0	20.95	21.13	21.01			
Channel									
Frequency (MHz)				26715	26865	27015	Tune-up limit	MPR (dB)	
5	QPSK	1	0	23.91	24.23	23.90			
5	QPSK	1	12	23.83	24.01	24.00	25.5	0	
5	QPSK	1	24	23.89	24.02	24.11			
5	QPSK	12	0	22.90	23.10	23.10			
5	QPSK	12	7	23.04	22.97	23.04	24.5	1	
5	QPSK	12	13	23.02	22.78	22.96			
5	QPSK	25	0	23.09	23.06	22.93			
5	16QAM	1	0	23.11	23.27	23.03			
5	16QAM	1	12	22.96	23.22	23.14	24.5	1	
5	16QAM	1	24	23.20	23.13	22.98			
5	16QAM	12	0	21.92	22.19	22.14			
5	16QAM	12	7	22.05	22.30	21.93	23.5	2	
5	16QAM	12	13	21.89	22.11	22.06			
5	16QAM	25	0	22.16	22.27	22.09			
5	64QAM	1	0	22.01	21.97	21.89			
5	64QAM	1	12	22.00	21.96	21.90	23.5	2	
5	64QAM	1	24	22.05	22.03	21.87			
5	64QAM	12	0	21.98	21.01	20.75			
5	64QAM	12	7	21.12	21.11	21.10	22.5	3	
5	64QAM	12	13	20.92	21.07	21.12			
5	64QAM	25	0	21.06	21.07	21.08			
Channel									
Frequency (MHz)				26705	26865	27025	Tune-up limit	MPR (dB)	
3	QPSK	1	0	23.84	24.12	24.00			
3	QPSK	1	8	23.82	24.00	24.00	25.5	0	
3	QPSK	1	14	24.07	23.92	24.05			
3	QPSK	8	0	23.02	23.04	23.13			
3	QPSK	8	4	22.93	23.05	22.87	24.5	1	
3	QPSK	8	7	23.01	22.87	23.03			
3	QPSK	15	0	23.04	23.11	22.86			
3	16QAM	1	0	23.03	23.24	23.11			
3	16QAM	1	8	23.11	23.10	23.22	24.5	1	
3	16QAM	1	14	23.15	23.13	23.11			
3	16QAM	8	0	22.01	22.08	22.13			
3	16QAM	8	4	21.85	22.14	21.85	23.5	2	
3	16QAM	8	7	21.84	22.08	21.92			
3	16QAM	15	0	22.13	22.21	22.12			
3	64QAM	1	0	22.02	22.02	21.91			
3	64QAM	1	8	21.94	21.94	22.03	23.5	2	
3	64QAM	1	14	21.98	21.91	21.89			
3	64QAM	8	0	21.02	21.00	20.78			
3	64QAM	8	4	21.10	21.06	21.00	22.5	3	
3	64QAM	8	7	20.92	20.98	21.08			
3	64QAM	15	0	21.06	21.04	21.07			
Channel									
Frequency (MHz)				26697	26865	27025	Tune-up limit	MPR (dB)	
1.4	QPSK	1	0	23.88	24.16	24.04			
1.4	QPSK	1	3	24.01	24.01	24.00			
1.4	QPSK	1	5	24.04	23.99	24.07	25.5	0	
1.4	QPSK	3	0	23.89	24.17	24.06			
1.4	QPSK	3	1	23.84	24.03	23.85			
1.4	QPSK	3	3	23.90	23.95	24.14	24.5	1	
1.4	16QAM	1	0	22.94	23.00	22.97			
1.4	16QAM	1	3	22.86	22.92	22.96			
1.4	16QAM	1	5	23.04	22.96	22.86	24.5	1	
1.4	16QAM	3	0	23.06	23.30	22.98			
1.4	16QAM	3	1	22.91	23.21	23.12			
1.4	16QAM	3	3	23.17	23.22	23.09			
1.4	16QAM	6	0	21.98	22.06	22.01	23.5	2	
1.4	64QAM	1	0	21.95	22.23	21.95			
1.4	64QAM	1	3	22.02	22.00	22.02			
1.4	64QAM	1	5	22.12	22.07	22.12			
1.4	64QAM	3	0	21.99	22.02	21.96	23.5	2	
1.4	64QAM	3	1	22.10	21.93	21.89			
1.4	64QAM	3	3	21.94	21.95	22.00			
1.4	64QAM	6	0	20.97	20.96	20.76	22.5	3	

Band 38 Ant4 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	24.07	24.25	24.21	25.5	0		
20	QPSK	1	49	24.23	24.16	24.12				
20	QPSK	1	99	24.03	24.11	24.20				
20	QPSK	50	0	23.27	23.33	23.30	24.5	1		
20	QPSK	50	24	23.09	23.11	23.13				
20	QPSK	50	50	23.14	23.26	23.23				
20	QPSK	100	0	23.20	23.32	23.29	24.5	1		
20	16QAM	1	0	23.10	23.29	23.21				
20	16QAM	1	49	23.11	23.31	23.14				
20	16QAM	1	99	23.16	23.23	23.24	23.5	2		
20	16QAM	50	0	22.48	22.48	22.26				
20	16QAM	50	24	22.43	22.52	22.39				
20	16QAM	50	50	22.33	22.43	22.41	23.5	2		
20	16QAM	100	0	22.44	22.42	22.21				
20	64QAM	1	0	22.14	22.36	22.26				
20	64QAM	1	49	22.29	22.31	22.33	23.5	2		
20	64QAM	1	99	22.21	22.30	22.21				
20	64QAM	50	0	21.11	21.30	21.22				
20	64QAM	50	24	21.28	21.22	21.30	22.5	3		
20	64QAM	50	50	21.27	21.31	21.13				
20	64QAM	100	0	21.44	21.45	21.24				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.93	24.18	24.07	25.5	0		
15	QPSK	1	37	24.11	24.01	23.95				
15	QPSK	1	74	23.88	23.93	24.12				
15	QPSK	36	0	23.21	23.12	23.19	24.5	1		
15	QPSK	36	20	23.01	22.97	23.03				
15	QPSK	36	39	22.95	23.07	23.09				
15	QPSK	75	0	23.17	23.30	23.24	23.5	2		
15	16QAM	1	0	22.97	23.11	23.18				
15	16QAM	1	37	22.92	23.22	23.11				
15	16QAM	1	74	23.12	23.17	23.06	22.5	3		
15	16QAM	36	0	22.31	22.45	22.20				
15	16QAM	36	20	22.27	22.35	22.23				
15	16QAM	36	39	22.18	22.40	22.38	23.5	2		
15	16QAM	75	0	22.40	22.24	22.09				
15	64QAM	1	0	22.06	22.33	22.08				
15	64QAM	1	37	22.09	22.19	22.22	23.5	2		
15	64QAM	1	74	22.13	22.10	21.99				
15	64QAM	36	0	20.93	21.22	21.04				
15	64QAM	36	20	21.17	21.19	21.10	22.5	3		
15	64QAM	36	39	21.15	21.15	21.04				
15	64QAM	75	0	21.35	21.38	21.08				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
10	QPSK	1	0	24.01	24.22	24.13	25.5	0		
10	QPSK	1	25	24.12	24.07	23.94				
10	QPSK	1	49	23.90	24.00	23.99				
10	QPSK	25	0	23.11	23.19	23.20	24.5	1		
10	QPSK	25	12	23.04	22.95	23.09				
10	QPSK	25	25	23.08	23.15	23.01				
10	QPSK	50	0	22.99	23.29	23.15	24.5	1		
10	16QAM	1	0	23.04	23.22	23.16				
10	16QAM	1	25	23.08	23.23	23.08				
10	16QAM	1	49	22.98	23.20	23.04	23.5	2		
10	16QAM	25	0	22.42	22.30	22.24				
10	16QAM	25	12	22.27	22.41	22.20				
10	16QAM	25	25	22.16	22.26	22.19	23.5	2		
10	16QAM	50	0	22.37	22.39	22.07				
10	64QAM	1	0	22.10	22.26	22.06				
10	64QAM	1	25	22.08	22.26	22.26	23.5	2		
10	64QAM	1	49	22.16	22.19	22.03				
10	64QAM	25	0	21.06	21.24	21.10				
10	64QAM	25	12	21.25	21.02	21.12	22.5	3		
10	64QAM	25	25	21.10	21.11	21.09				
10	64QAM	50	0	21.24	21.33	21.11				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.96	24.16	24.17	25.5	0		
5	QPSK	1	12	24.10	24.01	23.97				
5	QPSK	1	24	23.94	24.03	24.07				
5	QPSK	12	0	23.15	23.31	23.26	24.5	1		
5	QPSK	12	7	23.00	22.89	22.96				
5	QPSK	12	13	23.07	23.15	23.13				
5	QPSK	25	0	22.99	23.21	23.26	24.5	1		
5	16QAM	1	0	22.93	23.22	23.04				
5	16QAM	1	12	22.92	23.10	22.97				
5	16QAM	1	24	23.00	23.09	23.21	23.5	2		
5	16QAM	12	0	22.45	22.45	22.11				
5	16QAM	12	7	22.32	22.44	22.29				
5	16QAM	12	13	22.21	22.30	22.34	23.5	2		
5	16QAM	25	0	22.33	22.32	22.00				
5	16QAM	1	0	22.01	22.32	22.23				
5	64QAM	1	12	22.17	22.21	22.23	22.5	3		
5	64QAM	1	24	22.10	22.23	22.11				
5	64QAM	12	0	20.93	21.28	21.19				
5	64QAM	12	7	21.20	21.15	21.12	22.5	3		
5	64QAM	12	13	21.20	21.13	21.05				
5	64QAM	25	0	21.42	21.29	21.17				

Band 41 Ant4 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up level (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.92	24.20	24.30	23.96	24.02	25.5	0
20	QPSK	1	49	24.16	24.11	24.26	24.01	23.96		
20	QPSK	1	99	24.09	24.18	24.16	23.96	24.09		
20	QPSK	50	0	23.26	23.23	23.35	23.22	23.23	24.5	1
20	QPSK	50	24	23.23	23.26	23.19	23.32	23.11		
20	QPSK	50	50	23.19	23.30	23.26	23.13	23.30		
20	QPSK	100	0	23.19	23.11	23.26	23.13	23.17	24.5	1
20	16QAM	1	0	23.35	23.23	23.38	23.39	23.40		
20	16QAM	1	49	23.29	23.23	23.28	23.28	23.33		
20	16QAM	1	99	23.35	23.17	23.41	23.36	23.36	23.5	2
20	16QAM	50	0	22.15	22.06	22.22	22.01	22.09		
20	16QAM	50	24	22.10	22.04	22.21	22.10	22.06		
20	16QAM	50	50	22.23	22.03	22.27	22.04	22.01	23.5	2
20	16QAM	100	0	22.26	22.11	22.25	22.22	22.06		
20	64QAM	1	0	22.33	22.15	22.32	22.11	22.33		
20	64QAM	1	49	22.12	22.30	22.37	22.21	22.16	23.5	2
20	64QAM	1	99	22.33	22.21	22.44	22.25	22.23	22.5	3
20	64QAM	50	0	21.43	21.40	21.48	21.39	21.41		
20	64QAM	50	24	21.35	21.29	21.47	21.28	21.49		
20	64QAM	50	50	21.46	21.40	21.48	21.31	21.27	22.5	3
20	64QAM	100	0	21.25	21.34	21.35	21.14	21.26		
Channel				39725	40173	40600	41068	41515		
Frequency (MHz)				2505.5	2548.3	2592.5	2637.8	2682.5	1000 up	
15	QPSK	1	0	23.90	24.13	24.07	23.82	23.92	26	0
15	QPSK	1	37	23.96	24.20	23.90	23.83	23.91		
15	QPSK	1	74	24.02	24.03	23.98	24.03	23.95		
15	QPSK	36	0	23.09	23.32	23.20	23.06	23.16	24.5	1
15	QPSK	36	20	23.04	23.17	23.12	23.26	22.91		
15	QPSK	36	39	22.99	23.19	23.13	23.03	23.11		
15	QPSK	75	0	23.15	23.17	22.98	22.95	22.99	24.5	1
15	QPSK	75	0	22.33	22.15	22.32	22.11	22.33		
15	16QAM	1	37	23.15	23.21	23.09	23.08	23.14		
15	16QAM	1	74	23.23	23.34	23.13	23.22	23.15	23.5	2
15	16QAM	36	0	21.97	22.18	21.87	21.99	22.03		
15	16QAM	36	39	22.12	22.19	21.96	21.95	21.82		
15	16QAM	75	0	22.21	22.07	21.95	22.14	21.96	23.5	2
15	64QAM	1	0	22.15	22.21	22.05	22.02	22.12		
15	64QAM	1	37	21.91	22.31	22.23	22.08	22.27		
15	64QAM	1	74	22.31	22.39	22.10	22.13	22.18	23.5	2
15	64QAM	36	0	21.27	21.36	21.28	21.28	21.23		
15	64QAM	36	20	21.31	21.34	21.21	21.23	21.42		
15	64QAM	36	39	21.31	21.43	21.10	21.17	21.22	22.5	3
15	64QAM	75	0	21.16	21.32	21.21	21.09	21.19		
Channel				39760	40160	40620	41080	41540		
Frequency (MHz)				2507	2547	2593	2639	2685	1000 up	
10	QPSK	1	0	23.72	24.20	24.14	23.90	23.88	26	0
10	QPSK	1	25	24.09	24.09	23.89	23.83	23.75		
10	QPSK	1	49	23.89	23.98	23.99	23.85	23.94		
10	QPSK	25	0	23.22	23.24	23.20	23.00	23.06	24.5	1
10	QPSK	25	12	23.06	23.11	23.13	23.14	22.89		
10	QPSK	25	25	23.12	23.19	23.14	23.19	23.11		
10	QPSK	50	0	22.99	23.23	22.96	23.07	23.09	24.5	1
10	16QAM	1	0	23.13	23.35	23.18	23.35	23.20		
10	16QAM	1	25	23.22	23.12	23.06	23.12	23.15		
10	16QAM	1	49	23.28	23.23	23.12	23.21	23.19	23.5	2
10	16QAM	25	0	22.03	22.13	22.04	21.87	21.88		
10	16QAM	25	12	21.94	22.18	21.94	22.03	21.97		
10	16QAM	25	25	22.15	22.15	22.17	21.86	21.87	23.5	2
10	16QAM	50	0	22.20	22.07	21.94	22.12	21.91		
10	64QAM	1	0	22.25	22.26	22.07	22.00	22.13		
10	64QAM	1	25	21.89	22.32	22.22	22.12	21.99	23.5	2
10	64QAM	1	49	22.30	22.32	22.08	22.22	22.07		
10	64QAM	25	0	21.32	21.41	21.24	21.18	21.38		
10	64QAM	25	12	21.14	21.41	21.17	21.15	21.44	22.5	3
10	64QAM	25	25	21.29	21.41	21.18	21.14	21.13		
10	64QAM	50	0	21.15	21.30	21.30	21.08	21.19		
Channel				2495.5	2545.8	2593	2640.30	2687.5	1000 up	MPR (dB)
Frequency (MHz)				2496.5	2545.8	2593	2640.30	2687.5	1000 up	
5	QPSK	1	0	23.80	24.20	24.16	23.80	23.99	26	0
5	QPSK	1	12	24.05	24.24	24.08	23.93	23.90		
5	QPSK	1	24	23.90	24.11	23.97	23.75	23.99		
5	QPSK	12	0	23.17	23.13	23.17	23.18	23.18	24.5	1
5	QPSK	12	7	23.13	23.21	23.17	23.17	23.23		
5	QPSK	12	13	23.11	23.20	23.13	23.03	23.06		
5	QPSK	25	0	23.06	23.11	22.96	23.09	23.13	24.5	1
5	16QAM	1	0	23.22	23.28	23.20	23.30	23.34		
5	16QAM	1	12	23.08	23.13	23.07	23.15	23.20		
5	16QAM	1	24	23.24	23.33	23.07	23.33	23.23	23.5	2
5	16QAM	12	0	22.01	22.09	21.94	21.94	21.98		
5	16QAM	12	7	22.03	22.21	21.95	21.95	21.85		
5	16QAM	25	0	22.17	22.08	22.01	22.11	21.90	22.5	3
5	64QAM	1	0	22.13	22.27	22.08	21.97	22.12		
5	64QAM	1	12	22.04	22.15	22.08	22.07	22.07		
5	64QAM	1	24	22.23	22.31	22.15	22.21	22.17	22.5	3
5	64QAM	12	0	21.31	21.30	21.32	21.32	21.31		
5	64QAM	12	7	21.17	21.35	21.31	21.14	21.36		
5	64QAM	12	13	21.15	21.31	21.28	21.18	21.35	22.5	3
5	64QAM	25	0	21.18	21.22	21.22	20.98	21.20		

Reduced Power Mode for DS11

GSM850 Ant1 Default									
GSM850		Burst Average Power (dBm)			Tune-up		Frame-Average Power (dBm)		
TX Channel		150	180	251	Limit		150	180	251
Frequency (MHz)		824.2	836.4	848.8	(dBm)		824.2	836.4	848.8
GSM 1 Tx slot		32.24	32.41	32.57	33.50		23.24	23.41	23.57
GPRS 1 Tx slot		32.28	32.49	32.63	33.50		23.28	23.49	23.63
GPRS 2 Tx slots		29.81	29.88	30.08	30.50		23.81	23.88	24.09
GPRS 3 Tx slots		27.64	27.82	27.83	28.50		23.38	23.38	23.57
GPRS 4 Tx slots		26.45	26.74	26.71	27.50		23.45	23.74	23.71
EDGE 1 Tx slot		26.80	26.74	26.75	28.00		17.80	17.74	17.75
EDGE 2 Tx slots		24.21	24.12	24.36	25.00		18.21	18.12	18.30
EDGE 3 Tx slots		22.13	22.06	22.08	23.00		17.87	17.80	17.82
EDGE 4 Tx slots		20.73	20.78	20.98	22.00		17.73	17.78	17.98
GSM1900 Ant1 Default									
GSM1900		Burst Average Power (dBm)			Tune-up		Frame-Average Power (dBm)		
TX Channel		512	661	810	Limit		512	661	810
Frequency (MHz)		1525.2	1550	1575.2	(dBm)		1525.2	1550	1575.2
GSM 1 Tx slot		28.78	29.04	29.21	30.50		19.78	20.04	20.21
GPRS 1 Tx slot		28.78	29.03	29.18	30.50		19.78	20.03	20.18
GPRS 2 Tx slots		26.01	26.26	26.42	27.50		20.01	20.26	20.42
GPRS 3 Tx slots		24.26	24.21	24.58	25.50		20.00	19.95	20.32
GPRS 4 Tx slots		23.15	23.44	23.41	24.50		20.15	20.44	20.41
EDGE 1 Tx slot		25.84	25.76	26.13	27.00		16.84	16.76	17.13
EDGE 2 Tx slots		22.70	22.53	22.96	24.00		16.70	16.53	16.96
EDGE 3 Tx slots		20.87	20.71	21.12	22.00		16.71	16.45	16.86
EDGE 4 Tx slots		20.04	20.08	20.18	21.00		17.04	17.06	17.19

WCDMA II Ant1 Default									
Band		WCDMA II			Tune-up		WCDMA IV		
TX Channel		9262	9400	9538	Limit		1312	1413	1513
Rx Channel		9402	9600	9808	(dBm)		1537	1648	1748
Frequency (MHz)		1852.4	1880	1907.8	(dBm)		1712.4	1732.6	1752.6
3GPP Rel 99 AMR 12.2Kbps		23.46	23.58	23.54	25.00		23.54	23.71	23.58
3GPP Rel 99 RMC 12.2Kbps		23.54	23.65	23.64	25.00		23.76	23.77	23.67
3GPP Rel 6 HSDPA Subtest-1		22.48	22.55	22.53	24.00		22.64	22.79	22.75
3GPP Rel 6 HSDPA Subtest-2		22.50	22.53	22.41	24.00		22.59	22.70	22.64
3GPP Rel 6 HSDPA Subtest-3		21.95	22.08	22.06	23.50		22.15	22.25	22.15
3GPP Rel 6 HSDPA Subtest-4		21.93	22.05	21.93	23.50		22.13	22.19	22.13
3GPP Rel 6 DC-HSDPA Subtest-1		22.42	22.50	22.51	24.00		22.66	22.89	22.80
3GPP Rel 6 DC-HSDPA Subtest-2		22.41	22.45	22.41	24.00		22.57	22.65	22.63
3GPP Rel 6 DC-HSDPA Subtest-3		21.92	22.06	21.96	23.50		22.05	22.20	22.05
3GPP Rel 6 DC-HSDPA Subtest-4		21.87	21.99	21.91	23.50		22.01	22.06	22.08
3GPP Rel 6 HSUPA Subtest-1		22.36	22.41	22.38	24.00		22.47	22.60	22.57
3GPP Rel 6 HSUPA Subtest-2		20.46	20.61	20.55	22.00		20.64	20.71	20.82
3GPP Rel 6 HSUPA Subtest-3		21.58	21.68	21.56	23.00		21.72	21.81	21.76
3GPP Rel 6 HSUPA Subtest-4		20.36	20.55	20.38	22.00		20.55	20.66	20.58
3GPP Rel 6 HSUPA Subtest-5		22.38	22.47	22.38	24.00		22.58	22.55	22.57
3GPP Rel 7 HSPA+ (HSDPA) Subtest-1		19.98	20.13	20.06	21.50		20.22	20.34	20.26

WCDMA V Ant1 Default									
Band		WCDMA V			Tune-up		WCDMA V		
TX Channel		4132	4182	4233	Limit		4132	4182	4233
Rx Channel		4357	4407	4448	(dBm)		4357	4407	4448
Frequency (MHz)		826.4	836.4	846.8	(dBm)		826.4	836.4	846.8
3GPP Rel 99 AMR 12.2Kbps		23.46	23.68	23.61	25.00		23.55	23.68	23.61
3GPP Rel 99 RMC 12.2Kbps		23.54	23.65	23.64	25.00		23.56	23.69	23.65
3GPP Rel 6 HSDPA Subtest-1		22.48	22.55	22.53	24.00		22.68	22.75	22.71
3GPP Rel 6 HSDPA Subtest-2		22.50	22.53	22.41	24.00		22.63	22.66	22.66
3GPP Rel 6 HSDPA Subtest-3		21.95	22.08	22.06	23.50		22.15	22.19	22.19
3GPP Rel 6 HSDPA Subtest-4		21.93	22.05	21.93	23.50		22.12	22.11	22.11
3GPP Rel 6 DC-HSDPA Subtest-1		22.42	22.50	22.51	24.00		22.63	22.68	22.66
3GPP Rel 6 DC-HSDPA Subtest-2		22.41	22.45	22.41	24.00		22.54	22.58	22.53
3GPP Rel 6 DC-HSDPA Subtest-3		21.92	22.06	21.96	23.50		22.02	22.19	22.03
3GPP Rel 6 DC-HSDPA Subtest-4		21.87	21.99	21.91	23.50		22.00	22.14	22.04
3GPP Rel 6 HSUPA Subtest-1		22.36	22.41	22.38	24.00		22.48	22.62	22.60
3GPP Rel 6 HSUPA Subtest-2		20.46	20.61	20.55	22.00		20.69	20.77	20.81
3GPP Rel 6 HSUPA Subtest-3		21.58	21.68	21.56	23.00		21.72	21.73	21.75
3GPP Rel 6 HSUPA Subtest-4		20.36	20.55	20.38	22.00		20.59	20.69	20.60
3GPP Rel 6 HSUPA Subtest-5		22.38	22.47	22.38	24.00		22.59	22.63	22.64
3GPP Rel 7 HSPA+ (HSDPA) Subtest-1		19.98	20.13	20.06	21.50		20.16	20.36	20.20



Band 2 Ant1 Default											
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune- up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	0	24.14	1880	1900	24.05	25.5	0		
20	QPSK	1	49	24.01	1879	1899	24.18				
20	QPSK	1	99	24.01	1880	1900	23.97				
20	QPSK	50	0	23.18	23.25	23.35	23.16	24.5	1		
20	QPSK	50	24	23.04	23.30	23.10	23.04				
20	QPSK	50	50	23.03	23.31	23.08	23.08				
20	16QAM	1	0	22.99	23.03	23.03	22.96	24.5	1		
20	16QAM	1	49	22.96	22.93	22.91	22.84				
20	16QAM	1	99	22.89	22.88	22.82	22.84				
20	16QAM	50	0	22.19	22.33	22.22	22.22	23.5	2		
20	16QAM	50	24	22.05	22.26	22.11	22.13				
20	16QAM	50	50	22.06	22.26	22.13	22.13				
20	16QAM	100	0	22.19	22.25	22.25	22.25	22.5	3		
20	64QAM	1	0	22.04	22.15	22.05	22.05				
20	64QAM	1	49	21.98	22.11	21.97	21.97				
20	64QAM	50	0	21.18	21.32	21.20	21.20	22.5	2		
20	64QAM	50	24	21.14	21.21	21.12	21.12				
20	64QAM	50	50	21.11	21.24	21.10	21.10				
20	64QAM	100	0	21.01	21.11	21.05	21.05				
Channel											
Frequency (MHz)											
15	QPSK	1	0	24.06	1880	1900	24.05	25.5	0		
15	QPSK	1	37	23.83	1845	1915	23.79				
15	QPSK	1	74	23.80	1846	1916	23.79				
15	QPSK	36	0	23.06	23.19	23.07	23.07	24.5	1		
15	QPSK	36	39	23.01	22.92	22.97	22.97				
15	QPSK	75	0	23.04	23.22	23.07	23.07				
15	16QAM	1	0	22.85	22.93	22.83	22.83	24.5	1		
15	16QAM	1	37	22.93	22.74	22.87	22.87				
15	16QAM	1	74	22.86	22.81	22.76	22.76				
15	16QAM	36	0	22.11	22.29	22.08	22.08	23.5	2		
15	16QAM	36	20	21.97	22.15	22.05	22.05				
15	16QAM	36	39	21.99	22.14	21.95	21.95				
15	16QAM	75	0	22.04	22.22	21.93	21.93	22.5	3		
15	64QAM	1	0	21.87	21.98	21.91	21.91				
15	64QAM	1	37	21.89	22.00	21.79	21.79				
15	64QAM	1	74	21.77	21.83	21.85	21.85	22.5	3		
15	64QAM	36	0	21.00	21.23	21.11	21.11				
15	64QAM	36	20	20.92	21.16	21.03	21.03				
15	64QAM	36	39	21.00	21.05	20.95	20.95	22.5	3		
15	64QAM	75	0	20.90	20.98	20.98	20.98				
Channel											
Frequency (MHz)											
10	QPSK	1	0	24.01	24.20	23.96	23.96	25.5	0		
10	QPSK	1	25	23.87	24.09	23.87	23.87				
10	QPSK	1	49	23.98	24.10	23.89	23.89				
10	QPSK	25	0	23.14	23.07	22.98	22.98	24.5	1		
10	QPSK	25	12	22.85	22.96	22.85	22.85				
10	QPSK	25	25	22.98	23.00	22.93	22.93				
10	QPSK	50	0	22.98	23.13	23.06	23.06	24.5	1		
10	16QAM	1	0	22.78	22.92	22.89	22.89				
10	16QAM	1	25	22.93	22.83	22.81	22.81				
10	16QAM	1	49	22.78	22.72	22.72	22.72	23.5	2		
10	16QAM	25	0	22.01	22.25	22.19	22.19				
10	16QAM	25	12	21.92	22.06	21.96	21.96				
10	16QAM	25	25	21.95	22.10	22.05	22.05	23.5	2		
10	16QAM	50	0	22.03	22.06	22.04	22.04				
10	64QAM	1	0	21.88	21.95	21.88	21.88				
10	64QAM	1	25	21.87	21.99	21.80	21.80	23.5	2		
10	64QAM	1	49	21.75	21.97	21.80	21.80				
10	64QAM	1	99	21.10	21.26	21.07	21.07				
10	64QAM	25	12	20.95	21.05	20.92	20.92	22.5	3		
10	64QAM	25	25	20.95	21.07	20.98	20.98				
10	64QAM	50	0	20.92	20.97	20.83	20.83				
Channel											
Frequency (MHz)											
5	QPSK	1	0	24.03	24.12	23.92	23.92	25.5	0		
5	QPSK	1	12	23.94	24.15	23.83	23.83				
5	QPSK	1	24	23.82	24.20	23.95	23.95				
5	QPSK	12	0	23.13	23.09	23.13	23.13	24.5	1		
5	QPSK	12	7	22.85	22.93	22.99	22.99				
5	QPSK	12	13	22.88	23.00	22.93	22.93				
5	QPSK	25	0	23.00	23.13	23.00	23.00	24.5	1		
5	16QAM	1	0	22.85	22.96	22.92	22.92				
5	16QAM	1	12	22.93	22.76	22.82	22.82				
5	16QAM	1	24	22.85	22.69	22.77	22.77	23.5	2		
5	16QAM	12	0	22.03	22.25	22.03	22.03				
5	16QAM	12	7	21.95	22.09	22.06	22.06				
5	16QAM	12	13	21.90	22.06	22.04	22.04	23.5	2		
5	16QAM	25	0	22.06	22.16	21.94	21.94				
5	64QAM	1	0	22.00	22.10	21.90	21.90				
5	64QAM	1	12	21.76	21.98	21.80	21.80	23.5	2		
5	64QAM	1	24	21.77	21.85	21.91	21.91				
5	64QAM	12	0	20.97	21.27	21.12	21.12				
5	64QAM	12	7	20.99	21.15	21.06	21.06	22.5	3		
5	64QAM	12	13	21.03	21.04	20.90	20.90				
5	64QAM	25	0	20.92	20.96	20.90	20.90				
Channel											
Frequency (MHz)											
3	QPSK	1	0	24.02	24.12	23.90	23.90	25.5	0		
3	QPSK	1	8	23.93	24.11	23.86	23.86				
3	QPSK	1	14	23.92	24.17	23.87	23.87				
3	QPSK	8	0	22.98	23.12	23.06	23.06	24.5	1		
3	QPSK	8	4	23.03	23.02	22.99	22.99				
3	QPSK	8	7	22.83	22.96	22.98	22.98				
3	QPSK	15	0	23.10	23.11	23.05	23.05	24.5	1		
3	16QAM	1	0	22.84	22.94	22.83	22.83				
3	16QAM	1	8	22.86	22.84	22.82	22.82				
3	16QAM	1	14	22.69	22.75	22.65	22.65	23.5	2		
3	16QAM	8	0	22.08	22.16	22.14	22.14				
3	16QAM	8	4	21.85	22.12	22.00	22.00				
3	16QAM	8	7	21.95	22.18	22.03	22.03	23.5	2		
3	16QAM	15	0	21.99	22.11	21.92	21.92				
3	64QAM	1	0	21.98	21.99	21.84	21.84				
3	64QAM	1	8	21.82	21.99	21.83	21.83	23.5	2		
3	64QAM	1	14	21.91	21.93	21.94	21.94				
3	64QAM	8	0	21.12	21.20	21.02	21.02				
3	64QAM	8	4	20.93	21.16	21.01	21.01	22.5	3		
3	64QAM	8	7	20.94	21.02	21.06	21.06				
3	64QAM	15	0	20.97	20.90	20.91	20.91				
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	23.93	24.07	23.89	23.89	25.5	0		
1.4	QPSK	1	3	23.86	23.96	23.71	23.71				
1.4	QPSK	1	5	23.94	24.02	23.90	23.90				
1.4	QPSK	3	0	24.03	24.05	23.83	23.83	24.5	1		
1.4	QPSK	3	1	24.01	23.97	23.79	23.79				
1.4	QPSK	3	3	23.86	24.07	23.91	23.91				
1.4	QPSK	6	0	23.08	23.14	23.09	23.09	24.5	1		
1.4	QPSK	6	1	23.01	23.02	22.85	22.85				
1.4	QPSK	6	3	23.03	23.12	22.93	22.93				
1.4	16QAM	1	0	22.90	23.11	23.08	23.08	24.5	1		
1.4	16QAM	3	0	23.01	22.94	22.88	22.88				
1.4	16QAM	3	1	22.74	22.71	22.71	22.71				
1.4	16QAM	3	3	22.81	22.80	22.82	22.82	23.5	2		
1.4	16QAM	6	0	22.09	22.23	22.05	22.05				
1.4	16QAM	6	1	22.11	22.20	22.03	22.03				
1.4	16QAM	1	3	21.97	22.19	22.01	22.01	23.5	2		
1.4	64QAM	1	0	22.06	22.09	21.91	21.91				
1.4	64QAM	3	1	21.88	22.08	22.05	22.05				
1.4	64QAM	3	3	22.02	22.03	22.06	22.06	23.5	2		
1.4	64QAM	6	0	21.95	22.09	22.05	22.05				
1.4	64QAM	6	1	21.86	21.99	21.98	21.98				

Band 13 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel 23250									
Frequency (MHz)									
10	QPSK	1	0		24.34				
10	QPSK	1	25		24.31		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.31				
10	QPSK	25	12		23.16		24.5	1	
10	QPSK	25	25		23.27				
10	QPSK	50	0		23.32				
10	16QAM	1	0		23.31				
10	16QAM	1	25		23.18		24.5	1	
10	16QAM	1	49		23.28				
10	16QAM	25	0		22.31				
10	16QAM	25	12		22.17		23.5	2	
10	16QAM	25	25		22.26				
10	16QAM	50	0		22.36				
10	64QAM	1	0		22.23				
10	64QAM	1	25		22.10		23.5	2	
10	64QAM	1	49		22.20				
10	64QAM	25	0		21.37				
10	64QAM	25	12		21.31		22.5	3	
10	64QAM	25	25		21.26				
10	64QAM	50	0		21.29				
Channel 23205									
Frequency (MHz)									
5	QPSK	1	0	24.15	24.19	24.13			
5	QPSK	1	12	24.20	24.14	24.13	25.5	0	
5	QPSK	1	24	24.08	24.19	24.07			
5	QPSK	12	0	23.24	23.13	23.27			
5	QPSK	12	7	22.97	23.10	23.07	24.5	1	
5	QPSK	12	13	23.21	23.18	23.24			
5	QPSK	25	0	23.19	23.10	23.28			
5	16QAM	1	0	23.12	23.12	23.27			
5	16QAM	1	12	22.98	23.15	23.15	24.5	1	
5	16QAM	1	24	23.23	23.21	23.12			
5	16QAM	12	0	22.14	22.10	22.20			
5	16QAM	12	7	22.14	22.11	21.99	23.5	2	
5	16QAM	12	13	22.16	22.22	22.12			
5	16QAM	25	0	22.31	22.30	22.31			
5	64QAM	1	0	22.02	22.06	22.20			
5	64QAM	1	12	21.96	22.03	21.96	23.5	2	
5	64QAM	1	24	22.15	22.04	22.11			
5	64QAM	12	0	21.34	21.29	21.32			
5	64QAM	12	7	21.22	21.09	21.21	22.5	3	
5	64QAM	12	13	21.09	21.14	21.12			
5	64QAM	25	0	21.23	21.23	21.19			

Band 26 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel 26765									
Frequency (MHz)									
15	QPSK	1	0	24.02	24.41	24.19			
15	QPSK	1	37	23.92	24.29	24.14	25.5	0	
15	QPSK	1	74	23.97	24.28	24.08			
15	QPSK	36	0	22.98	23.11	23.06			
15	QPSK	36	20	22.87	23.00	23.00	24.5	1	
15	QPSK	36	39	22.86	22.97	23.01			
15	QPSK	75	0	23.01	23.15	23.14			
15	16QAM	1	0	23.02	23.17	23.11			
15	16QAM	1	37	22.87	23.03	23.06	24.5	1	
15	16QAM	1	74	22.93	23.08	23.04			
15	16QAM	36	0	22.02	22.20	22.00			
15	16QAM	36	20	21.91	22.12	21.95	23.5	2	
15	16QAM	36	39	21.94	22.16	21.96			
15	16QAM	75	0	21.87	22.17	22.02			
15	64QAM	1	0	22.02	22.12	22.13			
15	64QAM	1	37	21.92	22.00	22.02	23.5	2	
15	64QAM	1	74	21.99	22.04	22.05			
15	64QAM	36	0	20.83	21.06	20.83			
15	64QAM	36	20	20.78	20.94	20.85	22.5	3	
15	64QAM	36	39	20.69	21.04	20.90			
15	64QAM	75	0	20.88	21.08	21.08			
Channel 26740									
Frequency (MHz)									
10	QPSK	1	0	23.86	24.38	23.98			
10	QPSK	1	25	23.90	24.24	23.92	25.5	0	
10	QPSK	1	49	23.89	24.10	23.92			
10	QPSK	25	0	22.89	22.98	23.00			
10	QPSK	25	12	22.67	22.85	22.82	24.5	1	
10	QPSK	25	25	22.81	22.85	22.79			
10	QPSK	50	0	22.92	23.11	23.11			
10	16QAM	1	0	22.84	22.95	22.92			
10	16QAM	1	25	22.72	22.82	22.87	24.5	1	
10	16QAM	1	49	22.89	22.93	22.94			
10	16QAM	25	0	21.83	22.15	21.96	23.5	2	
10	16QAM	25	12	21.70	22.10	21.91			
10	16QAM	25	25	21.78	22.11	21.85			
10	16QAM	50	0	21.80	22.09	21.86			
10	64QAM	1	0	21.91	22.06	21.94			
10	64QAM	1	25	21.89	21.85	21.90	23.5	2	
10	64QAM	1	49	21.78	22.02	21.83			
10	64QAM	25	0	20.75	21.04	20.82			
10	64QAM	25	12	20.68	20.92	20.80	22.5	3	
10	64QAM	25	25	20.68	20.86	20.73			
10	64QAM	50	0	20.80	20.80	20.85			
Channel 26715									
Frequency (MHz)									
5	QPSK	1	0	23.82	24.26	24.13			
5	QPSK	1	12	23.81	24.26	24.08	25.5	0	
5	QPSK	1	24	23.83	24.15	23.93			
5	QPSK	12	0	22.95	23.03	22.91			
5	QPSK	12	7	22.80	22.88	22.90	24.5	1	
5	QPSK	12	13	22.78	22.83	22.86			
5	QPSK	25	0	22.88	23.04	22.99			
5	16QAM	1	0	22.85	23.01	22.91			
5	16QAM	1	12	22.66	22.93	23.00	24.5	1	
5	16QAM	1	24	22.82	22.87	23.00			
5	16QAM	12	0	21.96	22.02	21.80			
5	16QAM	12	7	21.74	21.93	21.84	23.5	2	
5	16QAM	12	13	21.90	21.96	21.83			
5	16QAM	25	0	21.82	22.03	21.88			
5	64QAM	1	0	21.85	21.98	21.91			
5	64QAM	1	12	21.86	21.95	21.98	23.5	2	
5	64QAM	1	24	21.82	21.84	22.02			
5	64QAM	12	0	20.61	20.86	20.85			
5	64QAM	12	7	20.69	20.75	20.75	22.5	3	
5	64QAM	12	13	20.65	20.88	20.84			
5	64QAM	25	0	20.73	20.99	20.98			
Channel 26705									
Frequency (MHz)									
3	QPSK	1	0	23.91	24.32	24.00			
3	QPSK	1	8	23.83	24.25	24.04	25.5	0	
3	QPSK	1	14	23.88	24.17	23.91			
3	QPSK	8	0	22.77	22.99	22.85			
3	QPSK	8	4	22.78	22.87	22.80	24.5	1	
3	QPSK	8	7	22.81	22.88	22.81			
3	QPSK	15	0	22.98	23.01	23.06			
3	16QAM	1	0	23.00	23.06	23.05			
3	16QAM	1	8	22.81	22.89	22.91	24.5	1	
3	16QAM	1	14	22.78	23.05	22.92			
3	16QAM	8	0	21.90	22.02	21.96			
3	16QAM	8	4	21.79	21.91	21.83	23.5	2	
3	16QAM	8	7	21.76	22.11	21.83			
3	16QAM	15	0	21.70	21.96	21.87			
3	64QAM	1	0	21.87	22.06	22.11			
3	64QAM	1	8	21.85	21.87	21.82	23.5	2	
3	64QAM	1	14	21.80	22.02	21.85			
3	64QAM	8	0	20.81	21.03	20.90			
3	64QAM	8	4	20.67	20.82	20.65	22.5	3	
3	64QAM	8	7	20.47	20.96	20.75			
3	64QAM	15	0	20.78	21.02	20.98			
Channel 26697									
Frequency (MHz)									
1.4	QPSK	1	0	23.93	24.26	23.99			
1.4	QPSK	1	3	23.74	24.09	23.94	25.5	0	
1.4	QPSK	1	5	23.92	24.10	24.02			
1.4	QPSK	3	0	23.95	24.29	24.03			
1.4	QPSK	3	1	23.77	24.16	23.86			
1.4	QPSK	3	3	23.91	24.25	24.05	24.5	1	
1.4	QPSK	6	0	22.78	23.05	22.99			
1.4	16QAM	1	0	22.65	22.90	22.83			
1.4	16QAM	1	3	22.71	22.76	22.82			
1.4	16QAM	1	5	22.82	22.97	22.97	24.5	1	
1.4	16QAM	3	0	22.80	23.01	22.97			
1.4	16QAM	3	1	22.82	22.86	22.94			
1.4	16QAM	3	3	22.77	22.99	22.87			
1.4	16QAM	6	0	21.85	22.08	21.87	23.5	2	
1.4	64QAM	1	0	21.79	21.93	21.81			
1.4	64QAM	1	3	21.89	22.05	21.94			
1.4	64QAM	1	5	21.77	22.03	21.92			
1.4	64QAM	3	0	21.83	22.05	21.98	23.5	2	
1.4	64QAM	3	1	21.71	21.86	21.80			
1.4	64QAM	3	3	21.91	21.86	21.97			
1.4	64QAM	6	0	21.72	20.92	20.87	22.5	3	

Band 38 Ant1 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up [dBm]	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	24.01	24.12	24.08				
20	QPSK	1	49	23.91	24.02	24.01		25.5	0	
20	QPSK	1	99	23.88	24.06	23.98				
20	QPSK	50	0	23.01	23.11	23.06				
20	QPSK	50	24	22.98	22.96	22.98		24.5	1	
20	QPSK	50	50	22.86	23.07	22.93				
20	QPSK	100	0	23.04	23.09	22.97				
20	16QAM	1	0	22.86	23.07	23.01				
20	16QAM	1	49	22.92	22.93	22.98		24.5	1	
20	16QAM	1	99	22.77	22.93	22.84				
20	16QAM	50	0	22.07	22.12	22.06				
20	16QAM	50	24	22.04	21.99	22.01		23.5	2	
20	16QAM	50	50	22.00	22.06	21.98				
20	16QAM	100	0	22.00	22.11	22.08				
20	64QAM	1	0	22.11	22.22	22.18		23.5	2	
20	64QAM	1	49	22.00	22.12	22.09				
20	64QAM	1	99	21.87	22.02	22.03				
20	64QAM	50	0	21.10	21.20	21.15				
20	64QAM	50	24	21.01	21.08	21.09		22.5	3	
20	64QAM	50	50	20.99	21.12	21.08				
20	64QAM	100	0	21.07	21.19	21.10				
Channel				37825	38000	38175	Turn-up [dBm]	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	23.90	23.94	23.90				
15	QPSK	1	37	23.88	23.90	23.84		26	0	
15	QPSK	1	74	23.85	23.98	23.82				
15	QPSK	36	0	22.87	22.93	22.89				
15	QPSK	36	20	22.92	22.81	22.81		24.5	1	
15	QPSK	36	39	22.66	22.86	22.87				
15	QPSK	75	0	22.98	22.91	22.88				
15	16QAM	1	0	22.83	23.02	22.92				
15	16QAM	1	37	22.77	22.73	22.76		24.5	1	
15	16QAM	1	74	22.66	22.90	22.73				
15	16QAM	36	0	21.94	21.90	21.87				
15	16QAM	36	20	21.97	21.78	21.86		23.5	2	
15	16QAM	36	39	21.81	22.02	21.93				
15	16QAM	75	0	21.93	22.03	22.05				
15	64QAM	1	0	22.07	22.08	22.14				
15	64QAM	1	37	21.88	21.91	22.01		23.5	2	
15	64QAM	1	74	21.84	21.97	21.84				
15	64QAM	36	0	21.01	21.00	21.02				
15	64QAM	36	20	20.80	20.87	20.90		22.5	3	
15	64QAM	36	39	20.90	20.91	21.04				
15	64QAM	75	0	20.86	21.16	21.06				
Channel				37900	38000	38200	Turn-up [dBm]	MPR (dB)		
Frequency (MHz)				2573	2595	2615				
10	QPSK	1	0	23.94	24.09	23.98				
10	QPSK	1	25	23.86	23.81	23.91		25.5	0	
10	QPSK	1	49	23.70	23.86	23.95				
10	QPSK	25	0	22.82	22.96	22.99				
10	QPSK	25	12	22.77	22.86	22.92		24.5	1	
10	QPSK	25	25	22.81	23.00	22.79				
10	QPSK	50	0	22.94	22.94	22.80				
10	16QAM	1	0	22.80	23.01	22.85				
10	16QAM	1	25	22.83	22.73	22.81		24.5	1	
10	16QAM	1	49	22.84	22.86	22.68				
10	16QAM	25	0	21.90	22.06	22.03				
10	16QAM	25	12	22.00	21.91	21.81		23.5	2	
10	16QAM	25	25	21.85	21.85	21.88				
10	16QAM	50	0	21.85	21.94	21.97				
10	64QAM	1	0	22.07	22.11	22.08		23.5	2	
10	64QAM	1	25	21.95	22.08	22.01				
10	64QAM	1	49	21.68	21.80	21.93				
10	64QAM	25	0	21.02	21.11	21.08				
10	64QAM	25	12	20.95	20.88	21.05		22.5	3	
10	64QAM	25	25	20.87	21.09	21.06				
10	64QAM	50	0	21.01	21.11	20.90				
Channel				37775	38000	38225	Turn-up [dBm]	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	23.98	24.07	24.04				
5	QPSK	1	12	23.86	23.94	23.95		25.5	0	
5	QPSK	1	24	23.67	23.87	23.85				
5	QPSK	12	0	22.97	23.00	22.95				
5	QPSK	12	7	22.88	22.85	22.87		24.5	1	
5	QPSK	12	13	22.73	22.80	22.87				
5	QPSK	25	0	22.89	22.94	22.83				
5	16QAM	1	0	22.79	22.99	22.90				
5	16QAM	1	12	22.74	22.61	22.69		24.5	1	
5	16QAM	1	24	22.64	22.74	22.72				
5	16QAM	12	0	22.01	21.91	21.94				
5	16QAM	12	7	21.88	21.81	21.97		23.5	2	
5	16QAM	12	13	21.81	22.03	21.83				
5	16QAM	25	0	21.85	21.98	21.93				
5	64QAM	1	0	22.07	22.01	22.03				
5	64QAM	1	12	21.81	21.97	21.89		23.5	2	
5	64QAM	1	24	21.72	21.89	21.82				
5	64QAM	12	0	20.92	21.17	21.11				
5	64QAM	12	7	20.87	21.03	21.07		22.5	3	
5	64QAM	12	13	20.79	20.94	21.05				
5	64QAM	25	0	20.88	20.99	20.99				

Band 41 Ant1 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Power High Middle Ch. / Freq	Tune-up level [dBm]	MPR [dB]
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.91	23.98	24.15	24.09	24.06	25.5	0
20	QPSK	1	49	23.84	23.85	24.12	24.01	23.95		
20	QPSK	1	99	23.80	23.89	24.01	23.97	23.96		
20	QPSK	50	0	23.04	23.09	23.14	23.11	23.09	24.5	1
20	QPSK	50	24	22.91	23.00	23.05	23.03	22.94		
20	QPSK	50	50	22.98	22.98	23.01	23.04	22.98		
20	QPSK	100	0	22.95	23.03	23.07	22.92	22.98		
20	16QAM	1	0	23.05	22.99	23.10	22.97	22.96	24.5	
20	16QAM	1	49	22.93	22.85	23.03	22.85	22.87		
20	16QAM	1	99	22.99	22.95	23.04	22.91	22.82		
20	16QAM	50	0	21.88	21.94	21.97	21.90	21.91		
20	16QAM	50	24	21.74	21.86	21.85	21.75	21.85	23.5	2
20	16QAM	50	50	21.76	21.88	21.88	21.84	21.77		
20	16QAM	100	0	22.00	22.03	22.09	22.04	21.98		
20	64QAM	1	0	22.12	22.04	22.18	22.09	22.10	23.5	2
20	64QAM	1	49	22.08	21.97	22.05	22.01	22.04		
20	64QAM	1	99	21.98	21.96	22.06	21.97	22.04		
20	64QAM	50	0	21.04	20.99	21.08	20.98	21.02	22.5	3
20	64QAM	50	24	20.98	20.89	20.93	20.95	20.89		
20	64QAM	50	50	20.93	20.85	20.99	20.93	20.94		
20	64QAM	100	0	20.98	21.01	21.10	20.98	20.98		
Channel				39725	40173	40620	41068	41515	Turn-up level [dBm]	MPR [dB]
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.70	23.79	24.06	23.91	23.86	26	0
15	QPSK	1	37	23.78	23.70	24.07	23.81	23.83		
15	QPSK	1	74	23.61	23.68	23.84	23.81	23.77		
15	QPSK	36	0	22.84	22.92	22.98	23.00	22.90	24.5	1
15	QPSK	36	20	22.86	22.92	22.99	22.95	22.84		
15	QPSK	36	39	22.91	22.88	22.91	22.86	22.86		
15	QPSK	75	0	22.82	22.82	23.04	22.89	22.76	24.5	1
15	16QAM	1	0	22.96	22.90	22.96	22.99	22.76		
15	16QAM	1	37	22.80	22.82	22.91	22.63	22.76		
15	16QAM	1	74	22.94	22.78	22.99	22.85	22.64	23.5	2
15	16QAM	36	0	21.52	21.79	21.83	21.74	21.88		
15	16QAM	36	39	21.65	21.80	21.75	21.65	21.63		
15	16QAM	75	0	21.79	21.98	22.06	22.00	21.88	22.5	3
15	64QAM	1	0	22.05	21.97	22.12	22.02	21.98		
15	64QAM	1	37	21.83	21.78	22.01	21.92	21.92		
15	64QAM	1	74	21.83	21.75	21.95	21.85	21.84	23.5	2
15	64QAM	36	0	20.85	20.85	21.01	20.95	20.96		
15	64QAM	36	20	20.78	20.78	20.76	20.75	20.78		
15	64QAM	36	39	20.80	20.69	20.92	20.68	20.77	22.5	3
15	64QAM	36	74	20.80	20.69	20.92	20.68	20.77		
15	64QAM	75	0	20.78	20.81	20.89	20.93	20.85		
Channel				39700	40160	40620	41080	41540	Turn-up level [dBm]	MPR [dB]
Frequency (MHz)				2501.5	2547.3	2593	2639.3	2685.5		
10	QPSK	1	0	23.91	23.95	23.98	24.05	23.95	26	0
10	QPSK	1	25	23.64	23.80	23.98	23.82	23.79		
10	QPSK	1	49	23.65	23.82	23.83	23.79	23.93		
10	QPSK	25	0	22.97	22.98	23.08	23.03	23.06	24.5	1
10	QPSK	25	12	22.73	22.92	22.94	22.98	22.85		
10	QPSK	25	25	22.72	22.82	22.92	22.99	22.94		
10	QPSK	50	0	22.76	22.89	22.96	22.76	22.93	24.5	1
10	16QAM	1	0	22.80	22.96	23.04	22.88	22.84		
10	16QAM	1	25	22.86	22.82	23.03	22.67	22.73		
10	16QAM	1	49	22.91	22.79	23.02	22.82	22.63	23.5	2
10	16QAM	25	0	21.83	21.81	21.90	21.82	21.78		
10	16QAM	25	12	21.53	21.78	21.80	21.62	21.78		
10	16QAM	25	25	21.67	21.75	21.81	21.70	21.64	22.5	3
10	16QAM	50	0	21.98	21.82	21.90	21.87	21.83		
10	64QAM	1	0	21.98	21.98	21.97	22.02	21.97		
10	64QAM	1	25	21.80	21.80	21.82	21.82	21.88	23.5	2
10	64QAM	1	49	21.83	21.83	21.93	21.87	21.88		
10	64QAM	25	0	20.87	20.91	21.02	20.85	20.90		
10	64QAM	25	12	20.84	20.71	20.73	20.75	20.77	22.5	3
10	64QAM	25	25	20.79	20.75	20.82	20.67	20.89		
10	64QAM	50	0	20.79	20.85	21.04	20.95	20.95		
Channel				2495.5	2545.8	2593	2640.30	2687.5	Turn-up level [dBm]	MPR [dB]
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.73	23.90	24.04	23.93	23.85	26	0
5	QPSK	1	12	23.78	23.84	23.98	23.90	23.85		
5	QPSK	1	24	23.71	23.87	23.95	23.85	23.88		
5	QPSK	12	0	22.90	22.92	22.92	22.92	22.92	24.5	1
5	QPSK	12	7	22.84	22.90	22.92	22.89	22.73		
5	QPSK	12	13	22.94	22.76	22.97	22.92	22.77		
5	QPSK	25	0	22.85	22.90	22.88	22.72	22.85	24.5	1
5	16QAM	1	0	22.95	22.81	23.00	22.87	22.91		
5	16QAM	1	12	22.82	22.77	23.00	22.86	22.86		
5	16QAM	1	24	22.77	22.92	22.93	22.83	22.75	23.5	2
5	16QAM	12	0	21.77	21.76	21.78	21.88	21.88		
5	16QAM	12	7	21.66	21.66	21.68	21.76	21.62		
5	16QAM	12	13	21.72	21.69	21.80	21.73	21.63	22.5	3
5	16QAM	25	0	21.83	21.68	21.84	21.69	21.78		
5	16QAM	25	1	21.90	21.84	22.09	22.04	21.97		
5	64QAM	1	12	21.99	21.81	22.02	21.89	21.93	23.5	2
5	64QAM	1	24	21.86	21.85	21.92	21.88	21.94		
5	64QAM	12	0	20.90	20.85	20.86	20.84	20.98		
5	64QAM	12	7	20.77	20.75	21.03	20.83	20.82	22.5	3
5	64QAM	12	13	20.70	20.70	20.77	20.77	20.87		
5	64QAM	25	0	20.88	20.96	21.08	20.88	20.91		

GSM850 An44 DS11									
GSM850		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)		
TX Channel		128	189	251	Limit		128	189	251
Frequency (MHz)		824.2	825.4	841.6	(dBm)		824.2	825.4	841.6
GSM 1 Tx slot		29.00	29.18	29.28	30.00		20.00	20.18	20.28
GPRS 1 Tx slot		29.02	29.22	29.32	30.00		20.02	20.22	20.32
GPRS 2 Tx slots		25.85	25.94	25.94	27.50		19.85	19.94	19.94
GPRS 3 Tx slots		23.57	23.74	23.74	25.50		19.31	19.48	19.48
GPRS 4 Tx slots		22.94	22.57	22.51	24.50		19.54	19.57	19.51
EDGE 2 Tx slots		23.14	23.14	23.03	24.50		14.14	14.14	14.03
EDGE 3 Tx slots		20.45	20.67	20.51	22.00		14.45	14.67	14.51
EDGE 4 Tx slots		18.01	18.04	18.07	20.00		13.75	13.78	13.81
EDGE 4 Tx slots		16.92	17.10	16.74	18.50		13.92	14.10	13.74
GSM1900 An44 Default									
GSM1900		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)		
TX Channel		512	861	810	Limit		512	861	810
Frequency (MHz)		1850.2	1860	1905.8	(dBm)		1850.2	1860	1905.8
GSM 1 Tx slot		28.87	28.98	29.27	30.00		19.87	19.98	20.27
GPRS 1 Tx slot		28.91	29.00	29.31	30.00		19.91	20.00	20.31
GPRS 2 Tx slots		26.05	26.48	26.43	27.50		20.05	20.49	20.43
GPRS 3 Tx slots		24.17	24.23	24.59	25.00		19.91	19.97	20.33
GPRS 4 Tx slots		22.67	22.77	23.07	23.50		19.67	19.77	20.07
EDGE 1 Tx slot		25.33	25.36	25.73	26.00		16.33	16.36	16.73
EDGE 2 Tx slots		22.27	22.39	22.44	22.50		16.27	16.39	16.44
EDGE 3 Tx slots		20.44	20.46	20.42	20.50		16.18	16.20	16.16
EDGE 4 Tx slots		19.40	19.33	19.46	19.50		16.40	16.33	16.46

WCDMA 8 An44 DS11									
Band		WCDMA 8			Tune-up		WCDMA 4V		
TX Channel		9262	9400	9538	Limit		1312	1413	1513
Frequency (MHz)		1852.2	1860	1867.8	(dBm)		1742.2	1752.2	1824.2
3GPP Rel 99		17.75	17.82	17.72	19.00		13.96	14.15	14.05
3GPP Rel 99		17.80	17.85	17.74	19.00		14.03	14.23	13.93
3GPP Rel 6		16.63	16.85	16.77	18.00		12.94	13.08	13.04
3GPP Rel 6		16.70	16.79	16.87	18.00		12.97	13.05	12.96
3GPP Rel 6		16.25	16.41	16.31	17.50		12.44	12.51	12.52
3GPP Rel 6		16.20	16.37	16.21	17.50		12.48	12.49	12.50
3GPP Rel 6		16.69	16.79	16.71	18.00		12.94	12.99	12.94
3GPP Rel 6		16.58	16.65	16.69	18.00		12.94	12.95	12.96
3GPP Rel 6		16.08	16.36	16.27	17.50		12.45	12.56	12.44
3GPP Rel 6		16.03	16.16	16.11	17.50		12.35	12.47	12.39
3GPP Rel 6		16.60	16.68	16.64	18.00		12.83	12.91	12.84
3GPP Rel 6		14.69	14.85	14.80	16.00		10.90	11.11	11.02
3GPP Rel 6		15.84	15.98	15.84	17.00		12.04	12.13	11.98
3GPP Rel 6		14.65	14.76	14.65	16.00		10.89	11.09	10.80
3GPP Rel 6		16.63	16.71	16.66	18.00		12.82	13.02	12.84
3GPP Rel 7		14.25	14.33	14.25	15.50		10.48	10.56	10.52

WCDMA 5 An44 DS11									
Band		WCDMA 5			Tune-up		WCDMA 4V		
TX Channel		4352	4407	4458	Limit		4352	4407	4458
Frequency (MHz)		2172.4	2182.4	2192.4	(dBm)		2172.4	2182.4	2192.4
3GPP Rel 99		22.18	22.39	22.36	23.50		22.18	22.39	22.36
3GPP Rel 99		22.29	22.40	22.37	23.50		22.29	22.40	22.37
3GPP Rel 6		21.47	21.36	21.47	22.50		21.47	21.36	21.47
3GPP Rel 6		21.51	21.47	21.51	22.50		21.51	21.47	21.51
3GPP Rel 6		20.89	20.94	20.90	22.00		20.89	20.94	20.90
3GPP Rel 6		20.90	21.02	20.93	22.00		20.90	21.02	20.93
3GPP Rel 6		21.43	21.50	21.41	22.50		21.43	21.50	21.41
3GPP Rel 6		21.52	21.52	21.29	22.50		21.52	21.52	21.29
3GPP Rel 6		20.78	20.99	20.87	22.00		20.78	20.99	20.87
3GPP Rel 6		20.72	20.84	20.83	22.00		20.72	20.84	20.83
3GPP Rel 6		21.25	21.40	21.41	22.50		21.25	21.40	21.41
3GPP Rel 6		19.41	19.80	19.40	20.50		19.41	19.80	19.40
3GPP Rel 6		20.51	20.84	20.58	21.50		20.51	20.84	20.58
3GPP Rel 6		19.29	19.35	19.41	20.50		19.29	19.35	19.41
3GPP Rel 6		21.45	21.46	21.34	22.50		21.45	21.46	21.34
3GPP Rel 7		19.00	19.02	19.03	20.00		19.00	19.02	19.03



Band 2 Ant4 DSI1											
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune- up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	0	18.05	18.16	18.15					
20	QPSK	1	49	18.03	18.14	17.89	19.5	0			
20	QPSK	1	99	17.92	18.15	18.14					
20	QPSK	50	0	18.04	18.12	18.08					
20	QPSK	50	24	18.09	18.10	17.90	19.5	0			
20	QPSK	50	74	17.95	18.11	18.06					
20	QPSK	100	0	18.08	18.09	18.08					
20	16QAM	1	0	18.02	18.08	17.98					
20	16QAM	1	49	17.92	18.12	18.04	19.5	0			
20	16QAM	1	99	18.07	18.14	18.12					
20	16QAM	50	0	18.14	18.06	17.94					
20	16QAM	50	24	17.93	18.11	18.10	19.5	0			
20	16QAM	50	74	18.05	18.14	18.12					
20	16QAM	100	0	18.13	18.10	17.93					
20	64QAM	1	0	17.92	18.15	18.12					
20	64QAM	1	49	18.01	18.13	18.09	19.5	0			
20	64QAM	1	99	18.08	18.09	17.94					
20	64QAM	50	0	17.91	18.12	18.02					
20	64QAM	50	24	18.09	18.04	18.08	19.5	0			
20	64QAM	50	74	18.08	18.05	17.96					
20	64QAM	100	0	17.94	18.15	18.04					
Channel											
18675				18690	19125		Tune- up limit	MPR (dB)			
18675				18690	1902.5						
Frequency (MHz)											
15	QPSK	1	0	17.85	18.03	18.07					
15	QPSK	1	25	17.97	18.02	17.80	19.5	0			
15	QPSK	1	74	17.76	18.06	18.02					
15	QPSK	36	0	17.98	18.06	17.98					
15	QPSK	36	20	18.04	17.97	17.84	19.5	0			
15	QPSK	36	39	17.81	17.96	17.96					
15	QPSK	75	0	17.94	17.96	17.93					
15	16QAM	1	0	17.97	18.02	17.92					
15	16QAM	1	37	17.82	18.02	17.96	19.5	0			
15	16QAM	1	74	18.01	18.00	18.10					
15	16QAM	36	0	18.00	17.95	17.85					
15	16QAM	36	20	17.85	18.06	18.00	19.5	0			
15	16QAM	36	39	17.93	18.02	18.01					
15	16QAM	75	0	18.06	17.97	17.85					
15	64QAM	1	0	17.82	18.11	18.06					
15	64QAM	1	37	17.96	18.03	17.96	19.5	0			
15	64QAM	1	74	17.96	18.03	17.83					
15	64QAM	36	0	17.82	18.08	17.88					
15	64QAM	36	20	17.97	18.08	18.04	19.5	0			
15	64QAM	36	39	17.97	17.99	17.88					
15	64QAM	75	0	17.85	18.03	17.95					
Channel											
18660				18690	19150		Tune- up limit	MPR (dB)			
18660				18690	1905						
Frequency (MHz)											
10	QPSK	1	0	17.93	18.09	18.08					
10	QPSK	1	25	17.92	18.01	17.74	19.5	0			
10	QPSK	1	49	17.85	18.07	18.00					
10	QPSK	25	0	17.88	18.06	18.00					
10	QPSK	25	12	18.04	17.95	17.83	19.5	0			
10	QPSK	25	25	17.86	18.07	17.92					
10	QPSK	50	0	17.99	18.00	18.01					
10	16QAM	1	0	17.86	18.02	17.88					
10	16QAM	1	25	17.78	18.04	18.00	19.5	0			
10	16QAM	1	49	18.02	18.04	18.10					
10	16QAM	25	0	18.07	17.96	17.82					
10	16QAM	25	12	17.77	17.96	17.95	19.5	0			
10	16QAM	25	25	17.95	18.06	18.03					
10	16QAM	50	0	18.06	18.01	17.79					
10	64QAM	1	0	17.83	18.04	17.97					
10	64QAM	1	25	17.86	17.97	17.97	19.5	0			
10	64QAM	1	49	18.01	17.99	17.86					
10	64QAM	25	0	17.77	18.03	17.96					
10	64QAM	25	12	17.98	18.12	18.02	19.5	0			
10	64QAM	25	25	17.99	17.95	17.91					
10	64QAM	50	0	17.81	18.00	17.93					
Channel											
18625				18690	19175		Tune- up limit	MPR (dB)			
18625				18690	1907.5						
Frequency (MHz)											
5	QPSK	1	0	17.83	18.00	18.05					
5	QPSK	1	12	17.88	18.00	17.76	19.5	0			
5	QPSK	1	24	17.78	18.05	18.06					
5	QPSK	12	0	17.99	17.99	18.02					
5	QPSK	12	7	18.04	18.05	17.81	19.5	0			
5	QPSK	12	13	17.92	17.95	17.93					
5	QPSK	25	0	18.01	18.03	18.04					
5	16QAM	1	0	17.92	17.95	17.89					
5	16QAM	1	12	17.87	18.07	17.90	19.5	0			
5	16QAM	1	24	17.95	18.07	18.07					
5	16QAM	12	0	18.05	18.01	17.87					
5	16QAM	12	7	17.87	18.05	17.97	19.5	0			
5	16QAM	12	13	17.94	18.04	18.03					
5	16QAM	25	0	18.08	17.99	17.82					
5	64QAM	1	0	17.78	18.10	18.01					
5	64QAM	1	12	17.90	18.04	18.05	19.5	0			
5	64QAM	1	24	17.93	18.04	17.80					
5	64QAM	12	0	17.86	17.98	17.96					
5	64QAM	12	7	18.02	18.11	17.93	19.5	0			
5	64QAM	12	13	17.92	17.94	17.90					
5	64QAM	25	0	17.85	18.07	17.93					
Channel											
18615				18690	19165		Tune- up limit	MPR (dB)			
18615				18690	1908.5						
Frequency (MHz)											
3	QPSK	1	0	17.92	18.08	18.03					
3	QPSK	1	8	17.95	18.07	17.76	19.5	0			
3	QPSK	1	14	17.77	18.06	18.01					
3	QPSK	8	0	17.83	17.97	17.99					
3	QPSK	8	4	17.99	18.02	17.78	19.5	0			
3	QPSK	8	7	17.91	17.96	17.85					
3	QPSK	15	0	17.99	18.03	17.97					
3	16QAM	1	0	17.83	18.00	17.83					
3	16QAM	1	8	17.86	18.04	17.96	19.5	0			
3	16QAM	1	14	17.94	18.02	18.03					
3	16QAM	8	0	18.10	18.00	17.80					
3	16QAM	8	4	17.84	18.02	17.95	19.5	0			
3	16QAM	8	7	17.89	18.07	18.04					
3	16QAM	15	0	18.04	18.01	17.88					
3	64QAM	1	0	17.83	18.05	18.01					
3	64QAM	1	8	17.85	17.97	17.98	19.5	0			
3	64QAM	1	14	18.00	18.01	17.79					
3	64QAM	8	0	17.77	18.05	17.91					
3	64QAM	8	4	18.00	18.08	17.98	19.5	0			
3	64QAM	8	7	17.93	17.89	17.82					
3	64QAM	15	0	17.83	18.09	17.91					
Channel											
18607				18690	19193		Tune- up limit	MPR (dB)			
18607				18690	1909.3						
Frequency (MHz)											
1.4	QPSK	1	0	17.83	18.06	18.10					
1.4	QPSK	1	3	17.97	18.04	17.78	19.5	0			
1.4	QPSK	1	5	17.85	18.08	18.07					
1.4	QPSK	3	0	17.86	18.04	17.93					
1.4	QPSK	3	1	17.84	18.00	17.82					
1.4	QPSK	3	3	17.81	18.05	17.99	19.5	0			
1.4	QPSK	6	0	17.85	17.98	17.93					
1.4	QPSK	6	3	17.89	17.96	17.86					
1.4	QPSK	3	3	17.83	18.02	17.95	19.5	0			
1.4	16QAM	1	5	17.96	18.06	18.10					
1.4	16QAM	3	0	18.02	17.96	17.88	19.5	0			
1.4	16QAM	3	1	17.79	17.97	17.98					
1.4	16QAM	3	3	18.00	18.04	17.97					
1.4	16QAM	6	0	17.96	18.05	17.79	19.5	0			
1.4	16QAM	6	3	17.90	17.95	17.99					
1.4	64QAM	1	3	17.85	18.05	18.03					
1.4	64QAM	3	0	17.87	18.05	17.95	19.5	0			

Band 13 Ant4 Default									
BW [MHz]	Modulat ion	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)									
				23250 782					
10	QPSK	1	0		24.24				
10	QPSK	1	25		24.05		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.17				
10	QPSK	25	12		22.98		24.5	1	
10	QPSK	25	25		22.99				
10	QPSK	50	0		23.06				
10	16QAM	1	0		23.18				
10	16QAM	1	25		23.07		24.5	1	
10	16QAM	1	49		23.04				
10	16QAM	25	0		22.06				
10	16QAM	25	12		22.07		23.5	2	
10	16QAM	25	25		22.18				
10	16QAM	50	0		22.11				
10	16QAM	1	0		22.34				
10	16QAM	1	25		22.45		23.5	2	
10	16QAM	1	49		22.43				
10	16QAM	25	0		21.32				
10	16QAM	25	12		21.23		22.5	3	
10	16QAM	25	25		21.43				
10	16QAM	50	0		21.28				
Channel Frequency (MHz)									
				23205 782		23255 784.5	Tune- up limit (dB)	MPR (dB)	
5	QPSK	1	0	24.05	24.10	24.14			
5	QPSK	1	12	23.89	24.01	23.96		25.5	0
5	QPSK	1	24	24.06	24.11	24.11			
5	QPSK	12	0	23.14	22.98	22.98			
5	QPSK	12	7	22.87	22.86	22.85	24.5	1	
5	QPSK	12	13	22.85	22.92	22.88			
5	QPSK	25	0	22.99	23.00	22.96			
5	16QAM	1	0	23.04	23.04	22.99			
5	16QAM	1	12	22.93	23.03	22.85	24.5	1	
5	16QAM	1	24	22.83	22.84	22.99			
5	16QAM	12	0	21.99	21.91	21.85			
5	16QAM	12	7	21.97	21.97	21.89	23.5	2	
5	16QAM	12	13	22.02	21.99	22.07			
5	16QAM	25	0	21.98	22.02	21.92			
5	16QAM	1	0	22.16	22.24	22.15			
5	16QAM	1	12	22.30	22.40	22.23	23.5	2	
5	16QAM	1	24	22.38	22.29	22.23			
5	16QAM	12	0	21.16	21.11	21.12			
5	16QAM	12	7	21.10	21.17	21.03	22.5	3	
5	16QAM	12	13	21.25	21.21	21.23			
5	16QAM	25	0	21.08	21.19	21.08			

Band 26 Ant4 DS11									
BW [MHz]	Modulat ion	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	21.81	22.11	21.93			
15	QPSK	1	37	21.83	22.05	21.88	23.5	0	
15	QPSK	1	74	21.84	22.02	21.88			
15	QPSK	36	0	21.87	22.09	21.91			
15	QPSK	36	20	21.88	22.08	21.87	23.5	0	
15	QPSK	36	39	21.88	22.03	21.93			
15	QPSK	75	0	21.82	22.09	21.91			
15	16QAM	1	0	21.88	22.05	21.93			
15	16QAM	1	37	21.81	22.05	21.91	23.5	0	
15	16QAM	1	74	21.85	22.10	21.89			
15	16QAM	36	0	21.82	22.07	21.88			
15	16QAM	36	20	21.81	22.04	21.90	23.5	0	
15	16QAM	36	39	21.85	22.01	21.88			
15	16QAM	75	0	21.87	22.07	21.93			
15	16QAM	1	0	21.77	22.00	21.92			
15	16QAM	1	37	21.84	22.05	21.92	23.5	0	
15	16QAM	1	74	21.86	22.06	21.92			
15	16QAM	36	0	21.33	21.36	21.15			
15	16QAM	36	20	21.37	21.47	21.32	22.5	1	
15	16QAM	36	39	21.32	21.39	21.33			
15	16QAM	75	0	21.32	21.40	21.33			
Channel									
Frequency (MHz)				26740	26865	26960	Tune- up limit (dB)	MPR (dB)	
10	QPSK	1	0	21.73	21.99	21.80			
10	QPSK	1	25	21.76	21.92	21.80	23.5	0	
10	QPSK	1	49	21.70	21.93	21.75			
10	QPSK	25	0	21.77	21.98	21.79			
10	QPSK	25	12	21.80	21.98	21.83	23.5	0	
10	QPSK	25	25	21.79	21.88	21.85			
10	QPSK	50	0	21.73	22.01	21.79			
10	16QAM	1	0	21.78	21.99	21.78			
10	16QAM	1	25	21.76	21.94	21.85	23.5	0	
10	16QAM	1	49	21.70	21.94	21.76			
10	16QAM	25	0	21.76	22.02	21.78			
10	16QAM	25	12	21.73	21.96	21.82	23.5	0	
10	16QAM	25	25	21.70	21.94	21.81			
10	16QAM	50	0	21.78	21.96	21.83			
10	16QAM	1	0	21.75	21.91	21.88			
10	16QAM	1	25	21.73	21.92	21.78	23.5	0	
10	16QAM	1	49	21.73	21.98	21.80			
10	16QAM	25	0	21.27	21.27	20.99			
10	16QAM	25	12	21.30	21.37	21.27	22.5	1	
10	16QAM	25	25	21.23	21.31	21.20			
10	16QAM	50	0	21.27	21.27	21.17			
Channel									
Frequency (MHz)				26715	26865	26915	Tune- up limit (dB)	MPR (dB)	
5	QPSK	1	0	21.76	21.99	21.85			
5	QPSK	1	12	21.73	21.98	21.74	23.5	0	
5	QPSK	1	24	21.71	21.95	21.78			
5	QPSK	12	0	21.75	21.95	21.78			
5	QPSK	12	7	21.72	22.04	21.78	23.5	0	
5	QPSK	12	13	21.83	21.92	21.87			
5	QPSK	25	0	21.75	21.93	21.77			
5	16QAM	1	0	21.75	21.91	21.79			
5	16QAM	1	12	21.71	21.95	21.85	23.5	0	
5	16QAM	1	24	21.77	22.01	21.78			
5	16QAM	12	0	21.72	21.93	21.76			
5	16QAM	12	7	21.71	21.91	21.80	23.5	0	
5	16QAM	12	13	21.72	21.88	21.78			
5	16QAM	25	0	21.82	21.99	21.80			
5	16QAM	1	0	21.76	21.88	21.81			
5	16QAM	1	12	21.72	21.93	21.83	23.5	0	
5	16QAM	1	24	21.80	22.01	21.83			
5	16QAM	12	0	21.18	21.20	21.06			
5	16QAM	12	7	21.27	21.37	21.22	22.5	1	
5	16QAM	12	13	21.25	21.35	21.28			
5	16QAM	25	0	21.27	21.31	21.24			
Channel									
Frequency (MHz)				26705	26865	27025	Tune- up limit (dB)	MPR (dB)	
3	QPSK	1	0	21.77	22.00	21.84			
3	QPSK	1	8	21.77	21.94	21.82	23.5	0	
3	QPSK	1	14	21.78	21.91	21.78			
3	QPSK	8	0	21.73	21.96	21.80			
3	QPSK	8	4	21.80	22.04	21.75	23.5	0	
3	QPSK	8	7	21.73	21.88	21.86			
3	QPSK	15	0	21.76	21.95	21.86			
3	16QAM	1	0	21.76	21.97	21.89			
3	16QAM	1	8	21.72	21.99	21.86	23.5	0	
3	16QAM	1	14	21.80	22.05	21.75			
3	16QAM	8	0	21.77	21.99	21.75			
3	16QAM	8	4	21.76	21.94	21.80	23.5	0	
3	16QAM	8	7	21.71	21.89	21.81			
3	16QAM	15	0	21.72	22.00	21.88			
3	16QAM	1	0	21.76	21.93	21.85			
3	16QAM	1	8	21.79	21.98	21.83	23.5	0	
3	16QAM	1	14	21.81	21.96	21.81			
3	16QAM	8	0	21.28	21.32	21.10			
3	16QAM	8	4	21.30	21.39	21.21	22.5	1	
3	16QAM	8	7	21.25	21.28	21.27			
3	16QAM	15	0	21.22	21.29	21.29			
Channel									
Frequency (MHz)				26707	26865	27025	Tune- up limit (dB)	MPR (dB)	
1.4	QPSK	1	0	21.70	21.96	21.79			
1.4	QPSK	1	3	21.79	21.97	21.78	23.5	0	
1.4	QPSK	1	5	21.76	21.94	21.80			
1.4	QPSK	3	0	21.82	22.05	21.81			
1.4	QPSK	3	1	21.80	21.96	21.79	23.5	0	
1.4	QPSK	3	3	21.82	21.93	21.83			
1.4	QPSK	6	0	21.72	21.94	21.84	23.5	0	
1.4	16QAM	1	0	21.71	21.99	21.88			
1.4	16QAM	1	3	21.76	21.92	21.81			
1.4	16QAM	1	5	21.77	21.97	21.79	23.5	0	
1.4	16QAM	3	0	21.72	21.99	21.80			
1.4	16QAM	3	1	21.75	21.99	21.86			
1.4	16QAM	3	3	21.78	22.01	21.81	23.5	0	
1.4	16QAM	6	0	21.76	21.97	21.88			
1.4	16QAM	6	1	21.72	21.93	21.88			
1.4	16QAM	1	3	21.76	22.00	21.82			
1.4	16QAM	1	5	21.71	21.95	21.75	23.5	0	
1.4	16QAM	3	0	21.78	21.96	21.78			
1.4	16QAM	3	1	21.76	22.01	21.81			
1.4	16QAM	3	3	21.76	21.93	21.76			
1.4	16QAM	6	0	21.22	21.26	21.24	22.5	1	

Band 38 Ant4 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up [dB]	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	20.03	20.23	20.14	21.5	0		
20	QPSK	1	49	19.89	20.08	20.02				
20	QPSK	1	99	19.87	20.13	20.04				
20	QPSK	50	0	19.92	20.21	20.05				
20	QPSK	50	24	19.97	20.19	20.00	21.5	0		
20	QPSK	50	50	19.91	20.18	19.99				
20	QPSK	100	0	19.92	20.17	20.03				
20	16QAM	1	0	19.93	20.06	20.01	21.5	0		
20	16QAM	1	49	19.95	19.91	19.92				
20	16QAM	1	99	20.00	19.91	19.97				
20	16QAM	50	0	20.00	19.98	19.94				
20	16QAM	50	24	19.93	19.94	19.98	21.5	0		
20	16QAM	50	50	19.93	19.92	19.90				
20	16QAM	100	0	19.96	19.94	19.96				
20	64QAM	1	0	19.84	20.00	19.94				
20	64QAM	1	49	19.90	19.86	19.87	21.5	0		
20	64QAM	1	99	19.87	19.88	19.90				
20	64QAM	50	0	19.89	19.87	19.86				
20	64QAM	50	24	19.95	19.94	19.84	21.5	0		
20	64QAM	50	50	19.92	19.91	19.86				
20	64QAM	100	0	19.89	19.84	19.90				
Channel				37825	38000	38175	Tune-up [dB]	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	19.96	20.12	20.01	21.5	0		
15	QPSK	1	37	19.84	19.92	19.90				
15	QPSK	1	74	19.82	20.05	19.96				
15	QPSK	36	0	19.76	20.13	19.89				
15	QPSK	36	20	19.82	20.12	19.91	21.5	0		
15	QPSK	36	39	19.82	20.03	19.85				
15	QPSK	75	0	19.96	20.04	19.98				
15	16QAM	1	0	19.84	19.95	19.86				
15	16QAM	1	37	19.81	19.77	19.92	21.5	0		
15	16QAM	1	74	19.84	19.83	19.83				
15	16QAM	36	0	19.86	19.88	19.83				
15	16QAM	36	20	19.78	19.86	19.86	21.5	0		
15	16QAM	36	39	19.79	19.86	19.75				
15	16QAM	75	0	19.90	19.82	19.85				
15	64QAM	1	0	19.76	19.94	19.89				
15	64QAM	1	37	19.81	19.81	19.74	21.5	0		
15	64QAM	1	74	19.71	19.72	19.81				
15	64QAM	36	0	19.81	19.71	19.78				
15	64QAM	36	20	19.87	19.86	19.72	21.5	0		
15	64QAM	36	39	19.82	19.77	19.77				
15	64QAM	75	0	19.84	19.71	19.75				
Channel				37800	38000	38200	Tune-up [dB]	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	19.99	20.07	20.02	21.5	0		
10	QPSK	1	25	19.80	19.98	19.95				
10	QPSK	1	49	19.80	20.08	19.96				
10	QPSK	25	0	19.87	20.14	19.91				
10	QPSK	25	12	19.88	20.08	19.93	21.5	0		
10	QPSK	25	25	19.78	20.09	19.95				
10	QPSK	50	0	19.85	20.10	19.90				
10	16QAM	1	0	19.77	19.93	19.95				
10	16QAM	1	25	19.83	19.81	19.84	21.5	0		
10	16QAM	1	49	19.89	19.76	19.93				
10	16QAM	25	0	19.87	19.88	19.82				
10	16QAM	25	12	19.78	19.87	19.87	21.5	0		
10	16QAM	25	25	19.81	19.76	19.77				
10	16QAM	50	0	19.83	19.81	19.84				
10	64QAM	1	0	19.79	19.87	19.83				
10	64QAM	1	25	19.83	19.78	19.76	21.5	0		
10	64QAM	1	49	19.72	19.81	19.74				
10	64QAM	25	0	19.84	19.77	19.78				
10	64QAM	25	12	19.80	19.74	19.78	21.5	0		
10	64QAM	25	25	19.83	19.74	19.78				
10	64QAM	25	12	19.90	19.87	19.88				
10	64QAM	25	25	19.83	19.76	19.79	21.5	0		
10	64QAM	50	0	19.75	19.72	19.74				
Channel				37775	38000	38225	Tune-up [dB]	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	19.92	20.16	20.05	21.5	0		
5	QPSK	1	12	19.74	20.02	19.86				
5	QPSK	1	24	19.77	20.08	19.94				
5	QPSK	12	0	19.85	20.16	19.94				
5	QPSK	12	7	19.91	20.04	19.88	21.5	0		
5	QPSK	12	13	19.81	20.07	19.85				
5	QPSK	25	0	19.86	20.12	19.96				
5	16QAM	1	0	19.78	19.99	19.96				
5	16QAM	1	12	19.82	19.79	19.91	21.5	0		
5	16QAM	1	24	19.84	19.75	19.82				
5	16QAM	12	0	19.87	19.88	19.86				
5	16QAM	12	7	19.79	19.79	19.85	21.5	0		
5	16QAM	12	13	19.88	19.82	19.80				
5	16QAM	25	0	19.89	19.78	19.80				
5	64QAM	1	0	19.76	19.88	19.87				
5	64QAM	1	12	19.83	19.76	19.75	21.5	0		
5	64QAM	1	24	19.78	19.75	19.83				
5	64QAM	12	0	19.77	19.80	19.79				
5	64QAM	12	7	19.88	19.82	19.76	21.5	0		
5	64QAM	12	13	19.81	19.84	19.73				
5	64QAM	25	0	19.77	19.75	19.75				

Band 41 Ant4 DSI1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Freq	Power Low Mid Freq	Power Middle Freq	Power High Ch. Freq	Power High Freq	Tune-up level (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.99	20.24	20.36	20.18	20.14	21.5	0
20	QPSK	1	49	19.92	20.20	20.30	20.05	20.08		
20	QPSK	1	99	19.99	20.13	20.21	20.12	20.03		
20	QPSK	50	0	20.01	20.16	20.35	20.03	20.32	21.5	0
20	QPSK	50	24	20.01	20.18	20.25	20.18	20.04		
20	QPSK	50	50	20.03	20.09	20.26	20.11	20.20		
20	QPSK	100	0	20.25	20.19	20.31	20.02	20.06		
20	16QAM	1	0	19.98	19.92	20.00	19.99	19.92	21.5	0
20	16QAM	1	49	19.94	19.93	19.93	19.92	19.89		
20	16QAM	1	99	19.95	19.90	19.98	19.94	19.96		
20	16QAM	50	0	19.93	20.00	20.00	19.90	19.93		
20	16QAM	50	24	19.98	19.92	19.92	19.96	19.98	21.5	0
20	16QAM	50	50	19.90	19.98	19.92	19.98	19.98		
20	16QAM	100	0	19.91	19.93	19.98	19.92	19.90		
20	64QAM	1	0	19.83	19.86	19.87	19.84	19.82	21.5	0
20	64QAM	1	49	19.81	19.87	19.82	19.92	19.81		
20	64QAM	1	99	19.91	19.83	19.88	19.92	19.81		
20	64QAM	50	0	19.92	19.88	19.82	19.90	19.89		
20	64QAM	50	24	19.92	19.85	19.89	19.88	19.84	21.5	0
20	64QAM	50	50	19.81	19.91	19.84	19.84	19.84		
20	64QAM	100	0	19.82	19.88	19.84	19.84	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up level (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.83	20.27	20.10	20.03	20.09	22	0
15	QPSK	1	37	19.80	20.16	20.15	19.92	19.95		
15	QPSK	1	74	19.92	20.08	20.00	20.00	19.90		
15	QPSK	36	0	19.88	20.21	20.11	19.92	19.92		
15	QPSK	36	39	19.90	20.19	19.98	19.96	19.85	21.5	0
15	QPSK	75	0	20.12	20.20	20.14	19.86	20.01		
15	QPSK	1	0	19.83	19.86	19.87	19.84	19.78		
15	16QAM	1	37	19.85	19.82	19.81	19.76	19.80	21.5	0
15	16QAM	1	74	19.84	19.91	19.80	19.79	19.89		
15	16QAM	36	0	19.78	19.94	19.94	19.76	19.78		
15	16QAM	36	20	19.94	19.79	19.80	19.84	19.86	21.5	0
15	16QAM	36	39	19.90	19.85	19.86	19.90	19.85		
15	16QAM	75	0	19.76	19.92	19.79	19.79	19.75		
15	64QAM	1	0	19.72	19.72	19.81	19.70	19.68		
15	64QAM	1	37	19.74	19.69	19.74	19.75	19.66	21.5	0
15	64QAM	1	74	19.75	19.77	19.73	19.76	19.68		
15	64QAM	36	0	19.83	19.88	19.76	19.77	19.77		
15	64QAM	36	20	19.72	19.80	19.80	19.75	19.60		
15	64QAM	36	39	19.73	19.78	19.83	19.75	19.77		
15	64QAM	75	0	19.76	19.79	19.76	19.77	19.72		
Channel				39700	40160	40620	41080	41540	Tune-up level (dBm)	MPR (dB)
Frequency (MHz)				2501.7	2547.7	2592.7	2635.9	2681.5		
10	QPSK	1	0	19.94	20.28	20.08	20.03	20.05	22	0
10	QPSK	1	25	19.86	20.15	20.15	19.98	20.01		
10	QPSK	1	49	19.94	20.08	20.05	20.00	19.96		
10	QPSK	25	0	19.91	20.23	20.09	19.97	19.95		
10	QPSK	25	12	19.95	20.21	20.08	20.02	19.95	21.5	0
10	QPSK	25	35	19.92	20.11	20.05	19.95	19.96		
10	QPSK	50	0	20.09	20.19	20.05	19.91	19.98		
10	16QAM	1	0	19.89	19.92	19.81	19.89	19.83		
10	16QAM	1	25	19.79	19.80	19.79	19.84	19.84	21.5	0
10	16QAM	1	49	19.85	19.94	19.79	19.81	19.84		
10	16QAM	25	0	19.82	19.86	19.84	19.78	19.77		
10	16QAM	25	12	19.89	19.86	19.83	19.82	19.86	21.5	0
10	16QAM	25	35	19.81	19.77	19.86	19.83	19.91		
10	16QAM	50	0	19.81	19.82	19.80	19.80	19.78		
10	64QAM	1	0	19.76	19.81	19.71	19.74	19.73		
10	64QAM	1	25	19.69	19.74	19.74	19.86	19.77	21.5	0
10	64QAM	1	49	19.86	19.75	19.72	19.76	19.74		
10	64QAM	25	0	19.83	19.74	19.78	19.83	19.82		
10	64QAM	25	12	19.69	19.82	19.77	19.81	19.79	21.5	0
10	64QAM	25	35	19.70	19.76	19.76	19.76	19.76		
10	64QAM	50	0	19.71	19.69	19.72	19.72	19.67		
Channel				2498.5	2548.8	2593	2640.30	2687.5	Tune-up level (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2548.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.94	20.32	20.17	20.07	20.05	22	0
5	QPSK	1	12	19.84	20.15	20.14	19.99	20.03		
5	QPSK	1	24	19.90	20.08	19.97	20.08	19.88		
5	QPSK	12	0	19.95	20.19	20.06	19.94	19.96		
5	QPSK	12	7	19.92	20.10	20.06	20.01	19.97		
5	QPSK	12	13	19.97	20.13	19.98	19.98	19.88		
5	QPSK	25	0	20.14	20.19	20.04	19.93	19.94		
5	16QAM	1	0	19.90	19.94	19.84	19.93	19.89		
5	16QAM	1	12	19.83	19.83	19.86	19.86	19.73	21.5	0
5	16QAM	1	24	19.85	19.82	19.84	19.85	19.89		
5	16QAM	12	0	19.80	19.92	19.87	19.84	19.84		
5	16QAM	12	7	19.83	19.76	19.81	19.85	19.87	21.5	0
5	16QAM	12	13	19.76	19.83	19.91	19.87	19.89		
5	16QAM	25	0	19.95	19.99	19.92	19.95	19.77		
5	64QAM	1	0	19.73	19.79	19.81	19.71	19.68		
5	64QAM	1	12	19.72	19.76	19.81	19.86	19.69	21.5	0
5	64QAM	1	24	19.76	19.83	19.72	19.80	19.75		
5	64QAM	12	0	19.85	19.68	19.79	19.85	19.80		
5	64QAM	12	7	19.77	19.75	19.82	19.73	19.74	21.5	0
5	64QAM	12	13	19.76	19.67	19.76	19.75	19.74		
5	64QAM	25	0	19.75	19.75	19.86	19.79	19.79		

Reduced Power Mode for DS13

GSM850 Ant1 DS0									
GSM850		Burst Average Power (dBm)			Tune-up	Frame Average Power (dBm)			Tuneup
TX Channel		128	189	251	Limit	128	189	251	Limit
Frequency (MHz)		824.2	836.4	848.6	29.00	824.2	836.4	848.6	29.00
GSM 1 Tx slot		28.05	27.88	27.84	29.00	19.05	18.88	18.84	29.00
GPRS 1 Tx slot		28.10	27.91	27.89	29.00	19.10	18.91	18.89	29.00
GPRS 2 Tx slots		25.15	25.19	25.18	29.00	19.15	19.19	19.18	29.00
GPRS 3 Tx slots		22.40	22.62	23.54	24.00	18.14	18.36	19.28	19.00
GPRS 4 Tx slots		21.40	21.52	21.58	23.00	18.49	18.52	18.58	29.00
EDGE 1 Tx slot		21.92	22.04	21.92	23.50	12.92	13.04	12.92	14.50
EDGE 2 Tx slots		19.47	19.65	19.59	20.50	13.47	13.65	13.59	14.50
EDGE 3 Tx slots		17.99	17.79	17.88	18.50	13.73	13.53	13.62	14.50
EDGE 4 Tx slots		16.19	16.14	16.15	17.50	13.19	13.14	13.15	14.50
GSM1900 Ant DS0									
GSM1900		Burst Average Power (dBm)			Tune-up	Frame Average Power (dBm)			Tuneup
TX Channel		512	661	810	Limit	512	661	810	Limit
Frequency (MHz)		1850.2	1860.4	1880.6	29.00	1850.2	1860.4	1880.6	29.00
GSM 1 Tx slot		28.01	28.28	28.22	29.50	19.01	19.28	19.22	29.50
GPRS 1 Tx slot		28.05	28.31	28.29	29.50	19.05	19.31	19.29	29.50
GPRS 2 Tx slots		25.55	25.57	25.61	27.00	19.55	19.97	19.81	21.00
GPRS 3 Tx slots		23.47	23.86	23.83	24.00	18.41	18.81	18.79	21.00
GPRS 4 Tx slots		22.37	22.61	22.66	23.00	19.37	19.61	19.66	20.00
EDGE 1 Tx slot		24.52	24.33	24.64	25.00	15.52	15.33	15.64	16.50
EDGE 2 Tx slots		21.54	21.21	21.39	22.00	15.54	15.21	15.69	16.50
EDGE 3 Tx slots		19.46	19.12	19.49	20.00	15.20	14.86	15.23	17.50
EDGE 4 Tx slots		18.56	18.41	18.45	19.00	15.56	15.41	15.45	16.00

	WCMA 3 Ant1 DS13					WCMA 3 Ant1 DS13					WCMA 3 Ant1 Aes1				
	Band		WCMA 3		Tune-up Limit (dBm)	WCMA 4		Tune-up Limit (dBm)	WCMA 4		Tune-up Limit (dBm)	WCMA 4		Tune-up Limit (dBm)	
	TX Channel	9662	9660	9638		1512	1415		1515	4132		4182	4233		
	TX Channel	9662	9660	9638		1512	1415	1515		4132	4182	4233			
	Frequency (MHz)	1502.4	1501.4	1407.6		1712.4	1712.4	1622.8		150.4	150.4	140.8			
GSPR Ref 1	FM12 120kps	21.12	21.12	22.52	21.12	21.12	21.12	22.52	21.12	21.12	21.12	22.52	21.12		
GSPR Ref 99	FM12 120kps	21.24	21.38	21.21	21.32	21.42	21.43	21.36	22.50	21.54	21.69	21.65	25.00		
GSPR Ref 6	HS19A Subtest-1	20.16	20.26	20.21	21.50	20.25	20.40	20.35	21.50	22.68	22.75	22.71	24.00		
GSPR Ref 6	HS19A Subtest-2	20.16	20.27	20.24	21.50	20.24	20.24	20.24	21.50	22.68	22.75	22.68	24.00		
GSPR Ref 6	HS19A Subtest-3	19.67	19.77	19.72	21.00	19.77	19.96	19.81	21.00	22.15	22.19	22.19	23.50		
GSPR Ref 6	HS19A Subtest-4	19.56	19.76	19.66	21.00	19.72	19.89	19.75	21.00	22.12	22.21	22.11	23.50		
GSPR Ref 6	DC-HS19A Subtest-1	20.09	20.18	20.20	21.50	20.25	20.25	20.25	21.50	22.63	22.68	22.66	24.00		
GSPR Ref 6	DC-HS19A Subtest-2	20.09	20.14	20.14	21.50	20.25	20.25	20.25	21.50	22.63	22.68	22.66	24.00		
GSPR Ref 6	DC-HS19A Subtest-3	19.56	19.77	19.59	21.00	19.73	19.79	19.75	21.00	22.02	22.19	22.03	23.50		
GSPR Ref 6	DC-HS19A Subtest-4	19.67	19.68	19.59	21.00	19.72	19.73	19.74	21.00	22.00	22.14	22.04	23.50		
GSPR Ref 6	HS19A Subtest-1	20.09	20.18	20.20	21.50	20.25	20.25	20.25	21.50	22.63	22.68	22.66	24.00		
GSPR Ref 6	HS19A Subtest-2	19.10	19.27	19.26	19.33	18.33	18.42	18.25	19.50	20.89	20.77	20.81	22.00		
GSPR Ref 6	HS19A Subtest-3	19.10	19.39	19.20	20.50	19.34	19.43	19.40	20.50	21.72	21.73	21.75	23.50		
GSPR Ref 6	HS19A Subtest-4	18.04	18.10	18.10	19.50	18.14	18.30	18.27	19.50	20.59	20.69	20.60	22.00		
GSPR Ref 7	HS19A Subtest-1	20.05	20.11	20.01	21.50	20.28	20.27	20.27	21.50	22.62	22.64	22.64	24.00		
GSPR Ref 7	HS19A (160AM) Subtest-1	17.66	17.80	17.69	18.00	17.52	18.01	17.56	19.00	20.16	20.30	20.20	21.50		

	WCDMA II Ant1 DS13				WCDMA IV Ant1 DS13				WCDMA IV Ant1 Aes1				
Band	WCDMA II		Tune-up	WCDMA IV		Tune-up	WCDMA IV		Tune-up	WCDMA IV		Tune-up	
	TX Channel	9262		9400	9538		1312	1413		1513	4132		4182
TX Channel	9662	9662	9660	9698 <td>Limit (dBm)</td> <td>1357</td> <td>1637</td> <td>1638</td> <td>1768</td> <td>4357</td> <td>4407</td> <td>4458</td> <td>Limit (dBm)</td>	Limit (dBm)	1357	1637	1638	1768	4357	4407	4458	Limit (dBm)
Frequency (MHz)	1802.4	1860	1907.8	1972.4	2172.4	1724.4	1724.4	1724.4	1724.4	1924.4	1924.4	1924.4	2124.4
3GPP Rel 99 RMC 12.2Kbps	21.17	21.32	21.25	22.50	21.42	21.32	21.30	22.50	22.50	21.54	21.64	21.61	25.00
3GPP Rel 99 RMC 12.2Kbps	21.24	21.38	21.28	22.50	21.42	21.43	21.36	22.50	22.50	21.54	21.69	21.65	25.00
3GPP Rel 6 HSDPA Subtest-1	20.16	20.26	20.21	21.50	20.25	20.40	20.35	21.50	21.50	22.68	22.75	22.71	24.00
3GPP Rel 6 HSDPA Subtest-2	20.19	20.22	20.14	21.50	20.27	20.30	20.24	21.50	21.50	22.68	22.75	22.68	24.00
3GPP Rel 6 HSDPA Subtest-3	19.67	19.77	19.72	21.00	19.77	19.96	19.81	21.00	21.00	22.15	22.19	22.19	23.50
3GPP Rel 6 HSDPA Subtest-4	19.58	19.76	19.65	21.00	19.72	19.89	19.75	21.00	21.00	22.12	22.21	22.11	23.50
3GPP Rel 8 DC-HSDPA Subtest-1	20.08	20.18	20.20	21.50	20.25	20.28	20.26	21.50	21.50	22.63	22.68	22.66	24.00
3GPP Rel 8 DC-HSDPA Subtest-2	20.09	20.14	20.13	21.50	20.20	20.25	20.21	21.50	21.50	22.63	22.68	22.66	24.00
3GPP Rel 8 DC-HSDPA Subtest-3	19.58	19.77	19.59	21.00	19.73	19.79	19.75	21.00	21.00	22.02	22.19	22.03	23.50
3GPP Rel 8 DC-HSDPA Subtest-4	19.57	19.68	19.59	21.00	19.72	19.73	19.74	21.00	22.00	22.00	22.14	22.04	23.50
3GPP Rel 6 HSUPA Subtest-1	20.06	20.10	20.12	21.50	20.17	20.30	20.18	21.50	21.50	22.68	22.75	22.68	24.00
3GPP Rel 6 HSUPA Subtest-2	18.19	18.27	18.28	19.50	18.33	18.42	18.25	19.50	19.50	20.89	20.77	20.81	22.00
3GPP Rel 6 HSUPA Subtest-3	19.32	19.38	19.29	20.50	19.34	19.43	19.40	20.50	21.72	21.73	21.75	23.50	24.00
3GPP Rel 6 HSUPA Subtest-4	18.04	18.19	18.10	19.50	18.14	18.30	18.27	19.50	20.59	20.69	20.60	22.00	22.00
3GPP Rel 6 HSUPA Subtest-5	20.05	20.11	20.03	21.50	20.19	20.28	20.17	21.50	22.68	22.75	22.64	23.50	24.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	17.66	17.80	17.68	19.00	17.62	18.01	17.96	19.00	20.16	20.39	20.30	21.00	21.00



Band 2 Ant1 DS13												
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	1860	18900	1900			23	0		
20	QPSK	1	49	21.50	21.63	21.45						
20	QPSK	1	99	21.60	21.66	21.42						
20	QPSK	50	0	21.55	21.72	21.50			23	0		
20	QPSK	50	24	21.51	21.69	21.40						
20	QPSK	50	50	21.52	21.70	21.42						
20	16QAM	100	0	21.54	21.70	21.46			23	0		
20	16QAM	1	0	21.51	21.68	21.45						
20	16QAM	1	49	21.59	21.66	21.43						
20	16QAM	1	99	21.51	21.72	21.43			23	0		
20	16QAM	50	0	21.54	21.65	21.50						
20	16QAM	50	24	21.51	21.65	21.41						
20	16QAM	50	50	21.55	21.62	21.46			23	0		
20	16QAM	100	0	21.57	21.67	21.46						
20	64QAM	1	0	21.50	21.65	21.45						
20	64QAM	1	49	21.58	21.65	21.44			23	0		
20	64QAM	1	99	21.53	21.62	21.42						
20	64QAM	50	0	20.97	21.11	20.99						
20	64QAM	50	24	20.93	21.00	20.91			22.5	0.5		
20	64QAM	50	50	20.90	21.03	20.89						
20	64QAM	100	0	20.80	20.90	20.84						
Channel												
				18675	18900	19125	Tune- up limit	MPR (dB)				
				1857.5	1880	1902.5						
Frequency (MHz)												
15	QPSK	1	0	21.46	21.63	21.38			23	0		
15	QPSK	1	37	21.34	21.52	21.30						
15	QPSK	1	74	21.50	21.54	21.34						
15	QPSK	36	0	21.50	21.60	21.43			23	0		
15	QPSK	36	20	21.47	21.53	21.31						
15	QPSK	36	39	21.42	21.56	21.33						
15	QPSK	75	0	21.46	21.60	21.31			23	0		
15	16QAM	1	0	21.46	21.52	21.34						
15	16QAM	1	37	21.47	21.53	21.33						
15	16QAM	1	74	21.38	21.66	21.30			23	0		
15	16QAM	36	0	21.47	21.54	21.39						
15	16QAM	36	20	21.39	21.56	21.26						
15	16QAM	36	39	21.47	21.53	21.31			23	0		
15	16QAM	75	0	21.41	21.53	21.36						
15	64QAM	1	0	21.41	21.58	21.32						
15	64QAM	1	37	21.52	21.60	21.32			23	0		
15	64QAM	1	74	21.47	21.53	21.36						
15	64QAM	36	0	20.86	21.02	20.85						
15	64QAM	36	20	20.77	20.86	20.83			22.5	0.5		
15	64QAM	36	39	20.80	20.90	20.76						
15	64QAM	75	0	20.76	20.76	20.71						
Channel												
				18660	18900	19150	Tune- up limit	MPR (dB)				
				1855	1880	1905						
Frequency (MHz)												
10	QPSK	1	0	21.51	21.67	21.44			23	0		
10	QPSK	1	25	21.34	21.49	21.33						
10	QPSK	1	49	21.52	21.52	21.30						
10	QPSK	25	0	21.41	21.60	21.40			23	0		
10	QPSK	25	12	21.47	21.57	21.36						
10	QPSK	25	25	21.38	21.55	21.33						
10	QPSK	50	0	21.45	21.58	21.35			23	0		
10	16QAM	1	0	21.40	21.55	21.29						
10	16QAM	1	25	21.46	21.54	21.33						
10	16QAM	1	49	21.44	21.62	21.33			23	0		
10	16QAM	25	0	21.49	21.54	21.36						
10	16QAM	25	12	21.45	21.50	21.27						
10	16QAM	25	25	21.47	21.47	21.30			23	0		
10	16QAM	50	0	21.49	21.57	21.38						
10	64QAM	1	0	21.44	21.59	21.35						
10	64QAM	1	25	21.42	21.60	21.39			23	0		
10	64QAM	1	49	21.48	21.62	21.35						
10	64QAM	25	0	20.82	20.99	20.87						
10	64QAM	25	12	20.87	20.93	20.76			22.5	0.5		
10	64QAM	25	25	20.78	20.80	20.74						
10	64QAM	50	0	20.64	20.78	20.79						
Channel												
				18625	18900	19175	Tune- up limit	MPR (dB)				
				1852.5	1880	1907.5						
Frequency (MHz)												
5	QPSK	1	0	21.47	21.61	21.34			23	0		
5	QPSK	1	12	21.47	21.54	21.39						
5	QPSK	1	24	21.50	21.50	21.29						
5	QPSK	12	0	21.40	21.57	21.39			23	0		
5	QPSK	12	7	21.44	21.63	21.27						
5	QPSK	12	13	21.37	21.61	21.36						
5	QPSK	25	0	21.41	21.65	21.35			23	0		
5	16QAM	1	0	21.44	21.58	21.29						
5	16QAM	1	12	21.54	21.57	21.37						
5	16QAM	1	24	21.38	21.67	21.35			23	0		
5	16QAM	12	0	21.49	21.58	21.37						
5	16QAM	12	7	21.39	21.59	21.33						
5	16QAM	12	13	21.41	21.54	21.40			23	0		
5	16QAM	25	0	21.47	21.61	21.31						
5	64QAM	1	0	21.34	21.50	21.32						
5	64QAM	1	12	21.50	21.60	21.35			23	0		
5	64QAM	1	24	21.49	21.57	21.27						
5	64QAM	12	0	20.84	21.01	20.80						
5	64QAM	12	7	20.79	20.93	20.77			22.5	0.5		
5	64QAM	12	13	20.86	20.96	20.77						
5	64QAM	25	0	20.64	20.80	20.79						
Channel												
				18615	18900	19165	Tune- up limit	MPR (dB)				
				1851.5	1880	1908.5						
Frequency (MHz)												
3	QPSK	1	0	21.45	21.59	21.37			23	0		
3	QPSK	1	8	21.37	21.59	21.41						
3	QPSK	1	14	21.49	21.60	21.28						
3	QPSK	8	0	21.48	21.62	21.41			23	0		
3	QPSK	8	4	21.35	21.57	21.28						
3	QPSK	8	7	21.45	21.61	21.35						
3	16QAM	15	0	21.39	21.60	21.34			23	0		
3	16QAM	1	0	21.46	21.52	21.37						
3	16QAM	1	8	21.50	21.51	21.37						
3	16QAM	1	14	21.39	21.66	21.37			23	0		
3	16QAM	8	0	21.41	21.52	21.45						
3	16QAM	8	4	21.38	21.55	21.28						
3	16QAM	8	7	21.42	21.56	21.38			23	0		
3	16QAM	15	0	21.53	21.54	21.39						
3	64QAM	1	0	21.38	21.51	21.33						
3	64QAM	1	8	21.46	21.55	21.39			23	0		
3	64QAM	1	14	21.44	21.54	21.37						
3	64QAM	8	0	20.87	20.99	20.84						
3	64QAM	8	4	20.85	20.86	20.76			22.5	0.5		
3	64QAM	8	7	20.74	20.99	20.75						
3	64QAM	15	0	20.74	20.79	20.74						
Channel												
				18607	18900	19193	Tune- up limit	MPR (dB)				
				1850.7	1880	1909.3						
Frequency (MHz)												
1.4	QPSK	1	0	21.47	21.69	21.37			23	0		
1.4	QPSK	1	3	21.40	21.54	21.32						
1.4	QPSK	1	5	21.42	21.57	21.33						
1.4	QPSK	3	0	21.45	21.67	21.39			23	0		
1.4	QPSK	3	1	21.44	21.55	21.27						
1.4	QPSK	3	3	21.44	21.58	21.36						
1.4	QPSK	6	0	21.40	21.55	21.30			23	0		
1.4	QPSK	6	1	21.37	21.53	21.39						
1.4	16QAM	1	0	21.45	21.59	21.37						
1.4	16QAM	1	5	21.46	21.58	21.31			23	0		
1.4	16QAM	3	0	21.44	21.54	21.35						
1.4	16QAM	3	1	21.44	21.51	21.29						
1.4	16QAM	3	3	21.48	21.58	21.41			23	0		
1.4	16QAM	6	0	21.48	21.62	21.32						
1.4	16QAM	6	1	21.45	21.51	21.40						
1.4	64QAM	1	3	21.45	21.50	21.40			23	0		
1.4	64QAM	3	0	21.40	21.52	21.29						
1.4	64QAM	3	1	21.02	21.14	21.02						
1.4	64QAM	3	3	21.02	21.12	21.00			22.5	0.5		
1.4	64QAM	3	0	20.96	20.99	21.01						

Band 13 Ant1 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel 23250									
Frequency (MHz)									
10	QPSK	1	0		24.34				
10	QPSK	1	25		24.31		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.31				
10	QPSK	25	12		23.16		24.5	1	
10	QPSK	25	25		23.27				
10	QPSK	50	0		23.32				
10	16QAM	1	0		23.31				
10	16QAM	1	25		23.18		24.5	1	
10	16QAM	1	49		23.28				
10	16QAM	25	0		22.31				
10	16QAM	25	12		22.17		23.5	2	
10	16QAM	25	25		22.26				
10	16QAM	50	0		22.36				
10	64QAM	1	0		22.23				
10	64QAM	1	25		22.10		23.5	2	
10	64QAM	1	49		22.20				
10	64QAM	25	0		21.37				
10	64QAM	25	12		21.31		22.5	3	
10	64QAM	25	25		21.26				
10	64QAM	50	0		21.29				
Channel 23205									
Frequency (MHz)									
5	QPSK	1	0	24.15	24.19	24.13			
5	QPSK	1	12	24.20	24.14	24.13	25.5	0	
5	QPSK	1	24	24.08	24.19	24.07			
5	QPSK	12	0	23.24	23.13	23.27			
5	QPSK	12	7	22.97	23.10	23.07	24.5	1	
5	QPSK	12	13	23.21	23.18	23.24			
5	QPSK	25	0	23.19	23.10	23.28			
5	16QAM	1	0	23.12	23.12	23.27			
5	16QAM	1	12	22.98	23.15	23.15	24.5	1	
5	16QAM	1	24	23.23	23.21	23.12			
5	16QAM	12	0	22.14	22.10	22.20			
5	16QAM	12	7	22.14	22.11	21.99	23.5	2	
5	16QAM	12	13	22.16	22.22	22.12			
5	16QAM	25	0	22.31	22.30	22.31			
5	64QAM	1	0	22.02	22.06	22.20			
5	64QAM	1	12	21.96	22.03	21.96	23.5	2	
5	64QAM	1	24	22.15	22.04	22.11			
5	64QAM	12	0	21.24	21.29	21.32			
5	64QAM	12	7	21.22	21.09	21.21	22.5	3	
5	64QAM	12	13	21.09	21.14	21.12			
5	64QAM	25	0	21.23	21.23	21.19			

Band 26 Ant1 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel 26765									
Frequency (MHz)									
15	QPSK	1	0	24.02	24.41	24.19			
15	QPSK	1	37	23.92	24.29	24.14	25.5	0	
15	QPSK	1	74	23.97	24.28	24.08			
15	QPSK	36	0	22.98	23.11	23.06			
15	QPSK	36	20	22.87	23.00	23.00	24.5	1	
15	QPSK	36	39	22.86	22.97	23.01			
15	QPSK	75	0	23.01	23.15	23.14			
15	16QAM	1	0	23.02	23.17	23.11			
15	16QAM	1	37	22.87	23.03	23.06	24.5	1	
15	16QAM	1	74	22.93	23.08	23.04			
15	16QAM	36	0	22.02	22.20	22.00			
15	16QAM	36	20	21.91	22.12	21.95	23.5	2	
15	16QAM	36	39	21.94	22.16	21.96			
15	16QAM	75	0	21.87	22.17	22.02			
15	64QAM	1	0	22.02	22.12	22.13			
15	64QAM	1	37	21.92	22.00	22.02	23.5	2	
15	64QAM	1	74	21.99	22.04	22.05			
15	64QAM	36	0	20.83	21.08	20.83			
15	64QAM	36	20	20.78	20.94	20.85	22.5	3	
15	64QAM	36	39	20.69	21.04	20.90			
15	64QAM	75	0	20.88	21.08	21.08			
Channel 26740									
Frequency (MHz)									
10	QPSK	1	0	23.86	24.38	23.98			
10	QPSK	1	25	23.90	24.24	23.92	25.5	0	
10	QPSK	1	49	23.89	24.10	23.92			
10	QPSK	25	0	22.89	22.98	23.00			
10	QPSK	25	12	22.67	22.85	22.82	24.5	1	
10	QPSK	25	25	22.81	22.85	22.79			
10	QPSK	50	0	22.92	23.11	23.11			
10	16QAM	1	0	22.90	22.85	22.92			
10	16QAM	1	25	22.72	22.82	22.87	24.5	1	
10	16QAM	1	49	22.89	22.93	22.94			
10	16QAM	25	0	21.83	22.15	21.96			
10	16QAM	25	12	21.70	22.10	21.91	23.5	2	
10	16QAM	25	25	21.78	22.11	21.85			
10	16QAM	50	0	21.80	22.09	21.98			
10	64QAM	1	0	21.91	22.05	21.94			
10	64QAM	1	25	21.89	21.85	21.90	23.5	2	
10	64QAM	1	49	21.78	22.02	21.83			
10	64QAM	25	0	20.75	21.04	20.82			
10	64QAM	25	12	20.68	20.92	20.80	22.5	3	
10	64QAM	25	25	20.68	20.86	20.73			
10	64QAM	50	0	20.80	20.80	20.85			
Channel 26715									
Frequency (MHz)									
5	QPSK	1	0	23.82	24.26	24.13			
5	QPSK	1	12	23.81	24.26	24.08	25.5	0	
5	QPSK	1	24	23.83	24.15	23.93			
5	QPSK	12	0	22.95	23.03	22.91			
5	QPSK	12	7	22.80	22.88	22.90	24.5	1	
5	QPSK	12	13	22.78	22.83	22.86			
5	QPSK	25	0	22.88	23.04	22.99			
5	16QAM	1	0	22.85	23.01	22.91			
5	16QAM	1	12	22.66	22.93	23.00	24.5	1	
5	16QAM	1	24	22.82	22.87	23.00			
5	16QAM	12	0	21.96	22.02	21.80			
5	16QAM	12	7	21.74	21.93	21.84	23.5	2	
5	16QAM	12	13	21.90	21.96	21.83			
5	16QAM	25	0	21.82	22.03	21.88			
5	64QAM	1	0	21.85	21.98	21.91			
5	64QAM	1	12	21.86	21.95	21.98	23.5	2	
5	64QAM	1	24	21.82	21.84	22.02			
5	64QAM	12	0	20.81	20.86	20.85			
5	64QAM	12	7	20.69	20.75	20.75	22.5	3	
5	64QAM	12	13	20.65	20.88	20.84			
5	64QAM	25	0	20.73	20.99	20.98			
Channel 26705									
Frequency (MHz)									
3	QPSK	1	0	23.91	24.32	24.00			
3	QPSK	1	8	23.83	24.25	24.04	25.5	0	
3	QPSK	1	14	23.88	24.17	23.91			
3	QPSK	8	0	22.77	22.99	22.85			
3	QPSK	8	4	22.78	22.87	22.80	24.5	1	
3	QPSK	8	7	22.81	22.88	22.81			
3	QPSK	15	0	22.98	23.01	23.06			
3	16QAM	1	0	23.00	23.06	23.05			
3	16QAM	1	8	22.81	22.89	22.91	24.5	1	
3	16QAM	1	14	22.78	23.05	22.92			
3	16QAM	8	0	21.90	22.02	21.96			
3	16QAM	8	4	21.79	21.91	21.83	23.5	2	
3	16QAM	8	7	21.76	22.11	21.83			
3	16QAM	15	0	21.70	21.96	21.87			
3	64QAM	1	0	21.87	22.06	22.11			
3	64QAM	1	8	21.85	21.87	21.82	23.5	2	
3	64QAM	1	14	21.80	22.02	21.85			
3	64QAM	8	0	20.81	21.03	20.90			
3	64QAM	8	4	20.67	20.82	20.65	22.5	3	
3	64QAM	8	7	20.47	20.96	20.75			
3	64QAM	15	0	20.78	21.02	20.95			
Channel 26697									
Frequency (MHz)									
1.4	QPSK	1	0	23.93	24.26	23.99			
1.4	QPSK	1	3	23.74	24.09	23.94			
1.4	QPSK	1	5	23.92	24.10	24.02	25.5	0	
1.4	QPSK	3	0	23.95	24.29	24.03			
1.4	QPSK	3	1	23.77	24.16	23.86			
1.4	QPSK	3	3	23.91	24.25	24.05			
1.4	QPSK	6	0	22.78	23.05	22.99	24.5	1	
1.4	16QAM	1	0	22.65	22.90	22.83			
1.4	16QAM	1	3	22.71	22.76	22.82			
1.4	16QAM	1	5	22.82	22.97	22.97	24.5	1	
1.4	16QAM	3	0	22.80	23.01	22.97			
1.4	16QAM	3	1	22.82	22.86	22.94			
1.4	16QAM	3	3	22.77	22.99	22.87			
1.4	16QAM	6	0	21.85	22.08	21.87	23.5	2	
1.4	64QAM	1	0	21.79	21.93	21.81			
1.4	64QAM	1	3	21.89	22.05	21.94			
1.4	64QAM	1	5	21.77	22.03	21.97			
1.4	64QAM	3	0	21.83	22.05	21.96	23.5	2	
1.4	64QAM	3	1	21.71	21.86	21.80			
1.4	64QAM	3	3	21.91	21.86	21.97			
1.4	64QAM	6	0	20.72	20.92	20.87	22.5	3	

Band 38 Ant1 DSIS										
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.34	22.53	22.37	24	0		
20	QPSK	1	49	22.45	22.50	22.41				
20	QPSK	1	99	22.35	22.45	22.44				
20	QPSK	50	0	22.33	22.50	22.37	24	0		
20	QPSK	50	24	22.36	22.47	22.34				
20	QPSK	50	50	22.34	22.44	22.45				
20	QPSK	100	0	22.30	22.46	22.40	24	0		
20	16QAM	1	0	22.27	22.48	22.36				
20	16QAM	1	49	22.30	22.41	22.44				
20	16QAM	1	99	22.34	22.45	22.36	23	1		
20	16QAM	50	0	21.54	21.66	21.56				
20	16QAM	50	24	21.56	21.46	21.45				
20	16QAM	50	50	21.53	21.54	21.53	23	1		
20	16QAM	100	0	21.46	21.66	21.55				
20	64QAM	1	0	21.67	21.67	21.71				
20	64QAM	1	49	21.52	21.68	21.62	22	2		
20	64QAM	1	99	21.32	21.46	21.56				
20	64QAM	50	0	21.10	21.20	21.15				
20	64QAM	50	24	21.01	21.09	21.09	22	2		
20	64QAM	50	50	20.99	21.12	21.08				
20	64QAM	100	0	21.07	21.19	21.10				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	22.33	22.45	22.30	24	0		
15	QPSK	1	37	22.36	22.37	22.34				
15	QPSK	1	74	22.23	22.23	22.35				
15	QPSK	36	0	22.35	22.43	22.35	24	0		
15	QPSK	36	20	22.30	22.37	22.21				
15	QPSK	36	39	22.26	22.31	22.38				
15	QPSK	75	0	22.22	22.33	22.36	24	0		
15	16QAM	1	0	22.14	22.37	22.37				
15	16QAM	1	37	22.13	22.42	22.35				
15	16QAM	1	74	22.22	22.23	22.27	23	1		
15	16QAM	36	0	21.43	21.55	21.43				
15	16QAM	36	20	21.43	21.35	21.42				
15	16QAM	36	39	21.44	21.51	21.35	23	1		
15	16QAM	75	0	21.32	21.55	21.45				
15	64QAM	1	0	21.46	21.62	21.57				
15	64QAM	1	37	21.37	21.58	21.41	22	2		
15	64QAM	1	74	21.33	21.43	21.42				
15	64QAM	36	0	21.03	21.10	21.01				
15	64QAM	36	20	20.96	21.00	20.94	22	2		
15	64QAM	36	39	20.91	21.00	20.99				
15	64QAM	75	0	21.03	21.14	21.00				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	22.34	22.41	22.24	24	0		
10	QPSK	1	25	22.24	22.39	22.32				
10	QPSK	1	49	22.19	22.26	22.42				
10	QPSK	25	0	22.37	22.32	22.29	24	0		
10	QPSK	25	12	22.25	22.43	22.26				
10	QPSK	25	25	22.37	22.34	22.40				
10	QPSK	50	0	22.13	22.29	22.31	24	0		
10	16QAM	1	0	22.28	22.37	22.32				
10	16QAM	1	25	22.20	22.44	22.29				
10	16QAM	1	49	22.27	22.34	22.32	23	1		
10	16QAM	25	0	21.51	21.55	21.50				
10	16QAM	25	12	21.44	21.36	21.34				
10	16QAM	25	25	21.35	21.51	21.34	23	1		
10	16QAM	50	0	21.34	21.55	21.54				
10	64QAM	1	0	21.42	21.61	21.58				
10	64QAM	1	25	21.51	21.49	21.47	23	1		
10	64QAM	1	49	21.26	21.46	21.47				
10	64QAM	25	0	21.03	21.06	21.06				
10	64QAM	25	12	20.95	21.03	21.01	22	2		
10	64QAM	25	25	20.92	21.04	20.96				
10	64QAM	50	0	20.94	21.04	21.00				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	22.32	22.46	22.49	24	0		
5	QPSK	1	12	22.36	22.48	22.44				
5	QPSK	1	24	22.28	22.43	22.43				
5	QPSK	12	0	22.28	22.43	22.39	24	0		
5	QPSK	12	7	22.28	22.50	22.32				
5	QPSK	12	13	22.38	22.44	22.38				
5	QPSK	25	0	22.27	22.46	22.51	24	0		
5	16QAM	1	0	22.24	22.44	22.35				
5	16QAM	1	12	22.30	22.42	22.34				
5	16QAM	1	24	22.27	22.39	22.45	23	1		
5	16QAM	12	0	21.35	21.54	21.58				
5	16QAM	12	7	21.37	21.41	21.37				
5	16QAM	12	13	21.45	21.38	21.44	23	1		
5	16QAM	25	0	21.38	21.54	21.35				
5	64QAM	1	0	21.54	21.56	21.57				
5	64QAM	1	12	21.37	21.47	21.47	23	1		
5	64QAM	1	24	21.18	21.39	21.50				
5	64QAM	12	0	21.02	21.10	21.08				
5	64QAM	12	7	20.88	21.04	21.02	22	2		
5	64QAM	12	13	20.92	21.07	21.02				
5	64QAM	25	0	20.97	21.04	20.94				

Band 41 Ant1 DSIS3										
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.47	22.34	22.56	22.43	22.38	24	0
20	QPSK	1	49	22.32	22.34	22.48	22.45	22.38		
20	QPSK	1	99	22.45	22.30	22.48	22.45	22.40		
20	QPSK	50	0	22.32	22.31	22.53	22.42	22.35	24	0
20	QPSK	50	24	22.34	22.29	22.42	22.41	22.39		
20	QPSK	50	50	22.44	22.31	22.52	22.45	22.37		
20	QPSK	100	0	22.36	22.33	22.49	22.43	22.42	24	0
20	16QAM	1	0	22.41	22.29	22.50	22.40	22.43		
20	16QAM	1	49	22.42	22.32	22.42	22.41	22.40		
20	16QAM	50	0	22.13	22.14	22.17	22.10	22.11	23.5	0.5
20	16QAM	50	24	22.10	22.06	22.05	21.95	22.05		
20	16QAM	50	50	22.03	22.08	22.08	22.04	21.97		
20	16QAM	100	0	22.17	22.23	22.29	22.24	22.18	23.5	0.5
20	16QAM	1	0	22.30	22.24	22.38	22.29	22.30		
20	16QAM	1	49	22.31	22.25	22.25	22.21	22.24		
20	64QAM	1	99	22.18	22.16	22.26	22.17	22.24	22.5	1.5
20	64QAM	50	0	21.10	21.19	21.28	21.18	21.22		
20	64QAM	50	24	21.02	21.09	21.13	21.15	21.09		
20	64QAM	50	50	21.07	21.05	21.19	21.03	21.14	22.5	1.5
20	64QAM	100	0	21.13	21.10	21.21	21.13	21.14		
Channel				39755	40183	40620	41058	41515		
Frequency (MHz)				2506.5	2548.3	2593	2637.4	2682.9		
15	QPSK	1	0	22.29	22.27	22.47	22.32	22.29	24	0
15	QPSK	1	37	22.29	22.30	22.43	22.37	22.29		
15	QPSK	1	74	22.41	22.26	22.42	22.36	22.34		
15	QPSK	36	0	22.24	22.22	22.42	22.38	22.26	24	0
15	QPSK	36	20	22.25	22.24	22.34	22.38	22.32		
15	QPSK	36	39	22.17	22.22	22.42	22.32	22.29		
15	QPSK	75	0	22.31	22.27	22.40	22.35	22.38	23.5	0.5
15	16QAM	1	0	22.33	22.24	22.46	22.37	22.38		
15	16QAM	1	37	22.34	22.23	22.37	22.33	22.30		
15	16QAM	1	74	22.38	22.24	22.47	22.31	22.37	23.5	0.5
15	16QAM	36	0	22.03	22.08	22.08	22.05	22.08		
15	16QAM	36	20	22.06	22.00	21.96	21.91	21.95		
15	16QAM	36	39	21.96	22.01	22.04	22.00	21.91	22.5	1.5
15	16QAM	75	0	21.14	21.16	22.25	21.18	21.23		
15	64QAM	1	0	22.21	22.17	22.25	22.14	22.24		
15	64QAM	1	37	22.17	22.10	22.21	22.15	22.20	23.5	0.5
15	64QAM	1	74	22.21	22.07	22.28	22.12	22.22		
15	64QAM	36	0	21.02	21.10	21.20	21.14	21.19		
15	64QAM	36	20	21.08	21.05	21.05	21.06	21.06	22.5	1.5
15	64QAM	36	39	21.01	21.02	21.12	20.98	21.11		
15	64QAM	75	0	21.14	21.16	21.24	21.14	21.11		
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				25071	2547	2593.3	2639	2685		
10	QPSK	1	0	22.29	22.25	22.49	22.38	22.31	24	0
10	QPSK	1	25	22.29	22.27	22.42	22.39	22.34		
10	QPSK	1	49	22.39	22.23	22.42	22.39	22.33		
10	QPSK	25	0	22.23	22.26	22.46	22.36	22.27	24	0
10	QPSK	25	12	22.26	22.26	22.37	22.38	22.34		
10	QPSK	25	25	22.35	22.26	22.48	22.39	22.29		
10	QPSK	50	0	22.31	22.29	22.46	22.37	22.37	24	0
10	16QAM	0	0	22.34	22.22	22.44	22.35	22.36		
10	16QAM	1	25	22.36	22.26	22.35	22.33	22.31		
10	16QAM	1	49	22.34	22.26	22.47	22.30	22.34	23.5	0.5
10	16QAM	25	0	22.10	22.07	22.11	22.03	22.07		
10	16QAM	25	12	22.07	21.99	22.07	21.89	21.99		
10	16QAM	25	25	21.99	22.05	22.11	21.90	21.90	23.5	0.5
10	16QAM	50	0	22.10	22.20	22.25	22.16	22.14		
10	64QAM	1	0	22.25	22.16	22.35	22.21	22.26		
10	64QAM	1	25	22.14	22.14	22.19	22.15	22.19	23.5	0.5
10	64QAM	1	49	22.10	22.13	22.19	22.08	22.15		
10	64QAM	25	0	21.03	21.12	21.21	21.14	21.16		
10	84QAM	25	12	20.97	21.01	21.06	21.08	21.01	22.5	1.5
10	84QAM	25	25	21.00	20.97	21.12	20.97	21.05		
10	84QAM	50	0	21.15	21.15	21.24	21.14	21.14		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.30	22.27	22.51	22.35	22.29	24	0
5	QPSK	1	12	22.26	22.26	22.42	22.36	22.31		
5	QPSK	1	24	22.39	22.27	22.42	22.40	22.33		
5	QPSK	12	0	22.29	22.24	22.44	22.32	22.32	24	0
5	QPSK	12	7	22.27	22.23	22.34	22.32	22.23		
5	QPSK	12	13	22.38	22.24	22.47	22.36	22.28		
5	QPSK	25	0	22.28	22.26	22.42	22.37	22.35	24	0
5	16QAM	1	0	22.34	22.24	22.43	22.33	22.35		
5	16QAM	1	12	22.39	22.27	22.47	22.38	22.34		
5	16QAM	1	24	22.34	22.25	22.45	22.30	22.36	23.5	0.5
5	16QAM	12	0	22.04	22.06	22.09	22.01	22.05		
5	16QAM	12	13	21.87	21.99	22.01	21.86	21.92		
5	64QAM	25	0	22.09	22.12	22.22	22.15	22.11	23.5	0.5
5	64QAM	1	0	22.24	22.17	22.34	22.20	22.24		
5	64QAM	1	12	22.18	22.08	22.21	22.16	22.20		
5	64QAM	1	24	22.10	22.12	22.22	22.10	22.15	22.5	1.5
5	64QAM	12	0	21.03	21.12	21.25	21.13	21.13		
5	64QAM	12	7	20.98	21.06	21.08	21.09	21.01		
5	84QAM	25	0	21.13	21.13	21.21	21.09	21.08	22.5	1.5
5	84QAM	25	0	21.17	21.17	21.24	21.13	21.14		

		GSM850 An44 DSS									
GSM850		Burst Average Power (dBm)				Tune-up		Frame-Average Power (dBm)			
TX Channel		128	189	251	Limit	128	189	251	Limit		
Frequency (MHz)		128.2	131.4	141.1	(dBm)	128.2	131.4	141.1	(dBm)		
GSM 1 Tx slot		31.80	32.00	31.79	33.00	22.80	23.00	22.79	24.00		
GPRS 1 Tx slot		31.84	32.04	31.82	33.00	22.84	23.04	22.82	24.00		
GPRS 2 Tx slots		29.39	29.32	29.42	30.50	23.39	23.32	23.42	24.50		
GPRS 3 Tx slots		27.00	27.01	27.12	29.00	22.74	22.75	22.86	24.74		
GPRS 4 Tx slots		23.90	25.73	25.72	27.50	22.80	22.73	22.72	24.50		
EDGE 1 Tx slot		26.46	26.45	26.40	27.50	17.46	17.45	17.46	18.50		
EDGE 2 Tx slots		22.94	23.01	22.87	24.50	16.94	17.01	16.87	18.50		
EDGE 3 Tx slots		21.01	21.02	21.02	23.00	16.75	16.76	16.76	18.74		
EDGE 4 Tx slots		20.32	20.42	20.17	21.50	17.32	17.42	17.17	18.50		
GSM1900 An44 DSS											
GSM1900		Burst Average Power (dBm)				Tune-up		Frame-Average Power (dBm)			
TX Channel		512	861	810	Limit	512	861	810	Limit		
Frequency (MHz)		1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)		
GSM 1 Tx slot		27.84	27.92	28.20	29.50	18.84	18.92	19.20	20.50		
GPRS 1 Tx slot		27.87	27.96	28.23	29.50	18.87	18.96	19.23	20.50		
GPRS 2 Tx slots		25.69	26.05	26.02	27.00	19.69	20.05	20.02	21.50		
GPRS 3 Tx slots		23.47	23.58	23.87	24.50	19.21	19.32	19.61	20.24		
GPRS 4 Tx slots		22.24	22.25	22.74	23.00	19.24	19.25	19.74	20.00		
EDGE 1 Tx slot		24.51	24.43	24.63	25.50	15.51	15.43	15.43	16.69		
EDGE 2 Tx slots		21.28	21.13	21.44	22.00	15.28	15.13	15.44	16.16		
EDGE 3 Tx slots		19.32	19.24	19.52	20.00	15.06	14.98	15.26	15.74		
EDGE 4 Tx slots		18.65	18.56	18.69	19.00	15.65	15.56	15.69	16.16		
WCDMA I An44 DSS											
Band		WCDMA I			Tune-up		WCDMA IV			WCDMA V	
TX Channel		9262	9400	9536	Limit	1312	1413	1513	Limit	4132	4182
Frequency (MHz)		1852.2	1860	1867.8	(dBm)	1722.4	1722.2	1722.2	(dBm)	4132	4182
3GPP Rel 99		19.22	19.34	19.24	20.50	17.54	17.78	17.64	19.00	23.53	23.66
3GPP Rel 99		RMC 12.2Kbps	19.32	19.37	19.29	20.50	17.76	17.84	17.53	23.58	23.73
3GPP Rel 6		HSUPA Subtest-1	18.17	18.36	18.31	19.50	16.67	16.69	16.67	22.65	22.62
3GPP Rel 6		HSUPA Subtest-2	19.20	19.30	19.14	19.50	16.60	16.69	16.54	22.66	22.70
3GPP Rel 6		HSUPA Subtest-3	17.74	17.92	17.84	19.00	16.02	16.12	17.50	22.01	22.21
3GPP Rel 6		HSUPA Subtest-4	17.73	17.84	17.74	19.00	16.10	16.12	16.08	22.06	22.17
3GPP Rel 8		DC-HSDPA Subtest-1	18.14	18.31	18.22	19.50	16.55	16.57	16.50	22.52	22.63
3GPP Rel 8		DC-HSDPA Subtest-2	19.10	19.18	19.19	19.50	16.45	16.58	16.07	22.50	22.54
3GPP Rel 8		DC-HSDPA Subtest-3	17.60	17.85	17.76	19.00	16.07	16.16	16.01	22.03	22.22
3GPP Rel 8		DC-HSDPA Subtest-4	17.61	17.68	17.62	19.00	15.99	16.08	16.04	22.17	22.15
3GPP Rel 6		HSUPA Subtest-1	18.08	18.21	18.18	19.50	16.44	16.55	16.50	22.41	22.52
3GPP Rel 6		HSUPA Subtest-2	19.21	19.38	19.26	17.50	14.52	14.76	14.64	20.52	20.72
3GPP Rel 6		HSUPA Subtest-3	17.37	17.49	17.35	18.50	15.64	15.73	15.62	21.65	21.82
3GPP Rel 6		HSUPA Subtest-4	16.14	16.30	16.17	17.50	14.51	14.70	14.47	20.51	20.69
3GPP Rel 6		HSUPA Subtest-5	18.19	18.28	18.18	19.50	16.46	16.66	16.50	22.51	22.55
3GPP Rel 7		HSUPA (HSCAM) Subtest-1	15.76	15.85	15.78	17.00	14.15	14.24	14.13	20.24	20.17
WCDMA V An44 An44											
Band		WCDMA V			Tune-up		WCDMA V			WCDMA V	
TX Channel		4132	4182	4233	Limit	4132	4182	4233	Limit	4132	4182
Frequency (MHz)		1852.2	1860	1867.8	(dBm)	1852.2	1860	1867.8	(dBm)	1852.2	1860
3GPP Rel 99		19.22	19.34	19.24	20.50	17.54	17.78	17.64	19.00	23.53	23.66
3GPP Rel 99		RMC 12.2Kbps	19.32	19.37	19.29	20.50	17.76	17.84	17.53	23.58	23.73
3GPP Rel 6		HSUPA Subtest-1	18.17	18.36	18.31	19.50	16.67	16.69	16.67	22.65	22.62
3GPP Rel 6		HSUPA Subtest-2	19.20	19.30	19.14	19.50	16.60	16.69	16.54	22.66	22.70
3GPP Rel 6		HSUPA Subtest-3	17.74	17.92	17.84	19.00	16.02	16.12	17.50	22.01	22.21
3GPP Rel 6		HSUPA Subtest-4	17.73	17.84	17.74	19.00	16.10	16.12	16.08	22.06	22.17
3GPP Rel 8		DC-HSDPA Subtest-1	18.14	18.31	18.22	19.50	16.55	16.57	16.50	22.52	22.63
3GPP Rel 8		DC-HSDPA Subtest-2	19.10	19.18	19.19	19.50	16.45	16.58	16.07	22.50	22.54
3GPP Rel 8		DC-HSDPA Subtest-3	17.60	17.85	17.76	19.00	16.07	16.16	16.01	22.03	22.22
3GPP Rel 8		DC-HSDPA Subtest-4	17.61	17.68	17.62	19.00	15.99	16.08	16.04	22.17	22.15
3GPP Rel 6		HSUPA Subtest-1	18.08	18.21	18.18	19.50	16.44	16.55	16.50	22.41	22.52
3GPP Rel 6		HSUPA Subtest-2	19.21	19.38	19.26	17.50	14.52	14.76	14.64	20.52	20.72
3GPP Rel 6		HSUPA Subtest-3	17.37	17.49	17.35	18.50	15.64	15.73	15.62	21.65	21.82
3GPP Rel 6		HSUPA Subtest-4	16.14	16.30	16.17	17.50	14.51	14.70	14.47	20.51	20.69
3GPP Rel 6		HSUPA Subtest-5	18.19	18.28	18.18	19.50	16.46	16.66	16.50	22.51	22.55
3GPP Rel 7		HSUPA (HSCAM) Subtest-1	15.76	15.85	15.78	17.00	14.15	14.24	14.13	20.24	20.17



Band 2 Ant4 DS13												
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	18.06	18.20	18.15			19.5	0		
20	QPSK	1	49	18.09	18.17	18.15						
20	QPSK	1	99	18.08	18.20	18.13						
20	QPSK	50	0	18.06	18.22	18.16			19.5	0		
20	QPSK	50	24	18.06	18.21	18.17						
20	QPSK	50	50	18.08	18.16	18.12						
20	QPSK	100	0	18.10	18.17	18.13			19.5	0		
20	16QAM	1	0	18.08	18.19	18.13						
20	16QAM	1	49	18.09	18.19	18.14						
20	16QAM	1	99	18.09	18.17	18.15			19.5	0		
20	16QAM	50	0	18.06	18.22	18.17						
20	16QAM	50	24	18.08	18.17	18.17						
20	16QAM	50	50	18.08	18.17	18.14			19.5	0		
20	16QAM	100	0	18.07	18.19	18.17						
20	64QAM	1	0	18.09	18.20	18.18						
20	64QAM	1	49	18.10	18.16	18.16			19.5	0		
20	64QAM	1	99	18.08	18.19	18.15						
20	64QAM	50	0	18.06	18.17	18.17						
20	64QAM	50	24	18.07	18.17	18.14			19.5	0		
20	64QAM	50	50	18.09	18.19	18.16						
20	64QAM	100	0	18.06	18.16	18.15						
Channel												
18675 18900 19125												
Frequency (MHz)												
15	QPSK	1	0	17.84	18.12	18.08			19.5	0		
15	QPSK	1	37	17.88	18.05	18.05						
15	QPSK	36	0	17.98	18.12	18.07						
15	QPSK	36	20	17.98	18.12	18.05			19.5	0		
15	QPSK	36	39	17.97	18.08	18.04						
15	QPSK	75	0	17.99	18.06	18.03						
15	16QAM	1	0	17.98	18.06	18.07			19.5	0		
15	16QAM	1	37	17.98	18.09	18.03						
15	16QAM	1	74	18.00	18.08	18.05						
15	16QAM	36	0	17.98	18.12	18.08			19.5	0		
15	16QAM	36	20	17.98	18.03	18.05						
15	16QAM	36	39	17.97	18.09	18.05						
15	16QAM	75	0	17.99	18.06	18.05			19.5	0		
15	16QAM	75	0	18.02	18.12	18.09						
15	64QAM	1	37	18.02	18.04	18.07						
15	64QAM	1	74	17.95	18.12	18.08			19.5	0		
15	64QAM	36	0	17.98	18.04	18.07						
15	64QAM	36	20	17.97	18.05	18.05						
15	64QAM	36	39	18.01	18.07	18.06			19.5	0		
15	64QAM	75	0	17.99	18.03	18.05						
15	64QAM	75	0	18.02	18.12	18.09						
Channel												
18680 18900 19150												
Frequency (MHz)												
10	QPSK	1	0	17.95	18.15	18.08			19.5	0		
10	QPSK	1	25	17.99	18.06	18.04						
10	QPSK	1	49	17.96	18.09	18.06						
10	QPSK	25	0	17.98	18.11	18.07			19.5	0		
10	QPSK	25	12	17.97	18.10	18.06						
10	QPSK	25	25	17.96	18.06	18.01						
10	QPSK	50	0	17.99	18.05	18.03			19.5	0		
10	16QAM	1	0	17.95	18.07	18.04						
10	16QAM	1	25	18.01	18.09	18.08						
10	16QAM	1	49	18.01	18.09	18.08			19.5	0		
10	16QAM	25	0	17.97	18.13	18.05						
10	16QAM	25	12	18.01	18.09	18.09						
10	16QAM	25	25	17.95	18.05	18.06			19.5	0		
10	16QAM	50	0	17.99	18.11	18.06						
10	64QAM	1	0	17.99	18.09	18.11						
10	64QAM	1	25	18.01	18.03	18.05			19.5	0		
10	64QAM	1	49	17.97	18.11	18.05						
10	64QAM	25	0	17.98	18.08	18.08						
10	64QAM	25	12	17.98	18.09	18.06			19.5	0		
10	64QAM	25	25	17.99	18.07	18.08						
10	64QAM	50	0	17.98	18.06	18.02						
Channel												
18625 18900 19175												
Frequency (MHz)												
5	QPSK	1	0	17.86	18.12	18.07			19.5	0		
5	QPSK	1	12	17.91	18.09	18.05						
5	QPSK	1	24	18.01	18.07	18.04						
5	QPSK	12	0	17.97	18.12	18.08			19.5	0		
5	QPSK	12	7	17.98	18.14	18.06						
5	QPSK	12	13	18.01	18.09	18.04						
5	QPSK	25	0	18.01	18.10	18.01			19.5	0		
5	16QAM	1	0	17.99	18.08	18.05						
5	16QAM	1	12	17.98	18.10	18.04						
5	16QAM	1	24	17.99	18.06	18.03			19.5	0		
5	16QAM	12	0	17.98	18.10	18.09						
5	16QAM	12	7	18.01	18.03	18.04						
5	16QAM	12	13	17.97	18.08	18.05			19.5	0		
5	16QAM	25	0	17.95	18.10	18.08						
5	16QAM	25	0	17.98	18.12	18.06						
5	64QAM	1	12	18.00	18.05	18.07			19.5	0		
5	64QAM	1	24	18.01	18.08	18.02						
5	64QAM	12	0	17.98	18.05	18.05						
5	64QAM	12	7	17.97	18.06	18.02			19.5	0		
5	64QAM	12	13	18.01	18.07	18.06						
5	64QAM	25	0	17.94	18.06	18.06						
Channel												
18615 18900 19165												
Frequency (MHz)												
3	QPSK	1	0	17.88	18.16	18.04			19.5	0		
3	QPSK	1	8	18.00	18.09	18.02						
3	QPSK	1	14	17.98	18.10	18.04						
3	QPSK	8	0	17.97	18.11	18.06			19.5	0		
3	QPSK	8	4	17.95	18.11	18.05						
3	QPSK	8	7	17.96	18.08	18.02						
3	QPSK	15	0	17.98	18.09	18.01			19.5	0		
3	16QAM	1	0	17.97	18.08	18.03						
3	16QAM	1	8	18.00	18.10	18.06						
3	16QAM	1	14	17.99	18.06	18.07			19.5	0		
3	16QAM	8	0	17.99	18.11	18.09						
3	16QAM	8	4	18.02	18.06	18.09						
3	16QAM	8	7	18.00	18.08	18.02			19.5	0		
3	16QAM	15	0	17.97	18.08	18.05						
3	64QAM	1	0	17.97	18.11	18.09						
3	64QAM	1	8	17.99	18.08	18.06			19.5	0		
3	64QAM	1	14	17.97	18.07	18.06						
3	64QAM	8	0	17.97	18.09	18.06						
3	64QAM	8	4	17.99	18.06	18.02			19.5	0		
3	64QAM	8	7	17.98	18.11	18.09						
3	64QAM	15	0	17.97	18.06	18.04						
Channel												
18607 18900 19193												
Frequency (MHz)												
1.4	QPSK	1	0	17.86	18.15	18.02			19.5	0		
1.4	QPSK	1	5	18.00	18.09	18.06						
1.4	QPSK	1	5	17.98	18.10	18.05						
1.4	QPSK	3	0	17.99	18.10	18.09			19.5	0		
1.4	QPSK	3	1	17.97	18.12	18.09						
1.4	QPSK	6	0	18.01	18.07	18.05			19.5	0		
1.4	QPSK	6	5	18.00	18.05	18.05						
1.4	QPSK	3	1	17.99	18.08	18.02						
1.4	16QAM	1	5	18.01	18.08	18.03			19.5	0		
1.4	16QAM	3	0	17.93	18.14	18.10						
1.4	16QAM	3	1	17.98	18.05	18.06						
1.4	16QAM	3	1	17.98	18.06	18.06			19.5	0		
1.4	16QAM	3	1	18.01	18.07	18.07						
1.4	16QAM	6	0	17.97	18.11	18.08						
1.4	16QAM	6	0	17.97	18.11	18.08						
1.4	16QAM	1	3	17.98	18.05	18.04						
1.4	16QAM	1	5	17.98	18.06	18.07						
1.4	16QAM	3	1	17.98	18.07	18.02			19.5	0		
1.4	16QAM	3	1	17.99	18.10	18.06						
1.4	16QAM	6	0	17.93	18.06	18.06						

Band 13 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel 23259									
Frequency (MHz)									
10	QPSK	1	0		24.24				
10	QPSK	1	25		24.05		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.17				
10	QPSK	25	12		22.98		24.5	1	
10	QPSK	25	25		22.99				
10	QPSK	50	0		23.06				
10	16QAM	1	0		23.18				
10	16QAM	1	25		23.07		24.5	1	
10	16QAM	1	49		23.04				
10	16QAM	25	0		22.06				
10	16QAM	25	12		22.07		23.5	2	
10	16QAM	25	25		22.18				
10	16QAM	50	0		22.11				
10	64QAM	1	0		22.34				
10	64QAM	1	25		22.45		23.5	2	
10	64QAM	1	49		22.43				
10	64QAM	25	0		21.32				
10	64QAM	25	12		21.23				
10	64QAM	25	25		21.43		22.5	3	
10	64QAM	50	0		21.28				
Channel 23205									
Frequency (MHz)									
5	QPSK	1	0	24.05	24.10	24.14			
5	QPSK	1	12	23.89	24.01	23.96			
5	QPSK	1	24	24.06	24.11	24.11	25.5	0	
5	QPSK	12	0	23.14	22.98	22.98			
5	QPSK	12	7	22.87	22.86	22.85	24.5	1	
5	QPSK	12	13	22.85	22.92	22.88			
5	QPSK	25	0	22.99	23.00	22.96			
5	16QAM	1	0	23.04	23.04	22.99			
5	16QAM	1	12	22.93	23.03	22.85	24.5	1	
5	16QAM	1	24	22.83	22.84	22.99			
5	16QAM	12	0	21.99	21.91	21.85			
5	16QAM	12	7	21.97	21.97	21.89	23.5	2	
5	16QAM	12	13	22.02	21.99	22.07			
5	16QAM	25	0	21.98	22.02	21.92			
5	64QAM	1	0	22.16	22.24	22.15			
5	64QAM	1	12	22.30	22.40	22.23	23.5	2	
5	64QAM	1	24	22.38	22.29	22.23			
5	64QAM	12	0	21.16	21.11	21.12			
5	64QAM	12	7	21.10	21.17	21.03	22.5	3	
5	64QAM	12	13	21.25	21.21	21.23			
5	64QAM	25	0	21.08	21.19	21.08			

Band 26 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel 26765									
Frequency (MHz)									
15	QPSK	1	0	24.06	24.28	24.12			
15	QPSK	1	37	24.03	24.19	24.04	25.5	0	
15	QPSK	1	74	24.09	24.07	24.17			
15	QPSK	36	0	23.06	23.18	23.16			
15	QPSK	36	20	23.14	23.13	23.08	24.5	1	
15	QPSK	36	39	23.08	22.98	23.06			
15	QPSK	75	0	23.15	23.16	23.01			
15	16QAM	1	0	23.19	23.33	23.15			
15	16QAM	1	37	23.13	23.28	23.31	24.5	1	
15	16QAM	1	74	23.23	23.27	23.14			
15	16QAM	36	0	22.08	22.24	22.21			
15	16QAM	36	20	22.07	22.33	22.02	23.5	2	
15	16QAM	36	39	22.05	22.20	22.12			
15	16QAM	75	0	22.19	22.37	22.18			
15	64QAM	1	0	22.05	22.12	22.06			
15	64QAM	1	37	22.13	22.08	22.10	23.5	2	
15	64QAM	1	74	22.12	22.10	22.07			
15	64QAM	36	0	21.13	21.16	20.95			
15	64QAM	36	20	21.17	21.27	21.12	22.5	3	
15	64QAM	36	39	21.12	21.19	21.16			
15	64QAM	75	0	21.12	21.20	21.13			
Channel 26740									
Frequency (MHz)									
10	QPSK	1	0	24.02	24.12	23.96			
10	QPSK	1	25	23.99	24.11	23.94	25.5	0	
10	QPSK	1	49	23.88	23.92	23.99			
10	QPSK	25	0	23.03	22.97	22.99			
10	QPSK	25	12	22.98	22.94	23.03	24.5	1	
10	QPSK	25	25	22.90	22.81	22.93			
10	QPSK	50	0	23.09	23.14	22.98			
10	16QAM	1	0	22.94	23.04	22.99			
10	16QAM	1	25	22.94	23.22	23.29	24.5	1	
10	16QAM	1	49	23.14	23.21	22.96			
10	16QAM	25	0	21.92	22.13	22.13			
10	16QAM	25	12	22.04	22.18	21.96	23.5	2	
10	16QAM	25	25	21.99	22.12	21.99			
10	16QAM	50	0	22.08	22.32	22.00			
10	64QAM	1	0	21.99	22.01	21.91			
10	64QAM	1	25	22.10	21.90	22.04	23.5	2	
10	64QAM	1	49	22.05	21.93	22.02			
10	64QAM	25	0	20.93	20.98	20.75			
10	64QAM	25	12	20.97	21.14	20.95	22.5	3	
10	64QAM	25	25	21.04	21.03	21.09			
10	64QAM	50	0	20.95	21.13	21.01			
Channel 26715									
Frequency (MHz)									
5	QPSK	1	0	23.91	24.23	23.90			
5	QPSK	1	12	23.83	24.01	24.00	25.5	0	
5	QPSK	1	24	23.89	24.02	24.11			
5	QPSK	12	0	22.90	23.10	23.10			
5	QPSK	12	7	23.04	22.97	23.04	24.5	1	
5	QPSK	12	13	23.02	22.78	22.96			
5	QPSK	25	0	23.09	23.06	22.93			
5	16QAM	1	0	23.11	23.27	23.03			
5	16QAM	1	12	22.96	23.22	23.14	24.5	1	
5	16QAM	1	24	23.20	23.13	22.98			
5	16QAM	12	0	21.92	22.19	22.19			
5	16QAM	12	7	22.05	22.30	21.93	23.5	2	
5	16QAM	12	13	21.89	22.11	22.06			
5	16QAM	25	0	22.16	22.27	22.09			
5	64QAM	1	0	22.01	21.97	21.89			
5	64QAM	1	12	22.00	21.96	21.90	23.5	2	
5	64QAM	1	24	22.05	22.03	21.87			
5	64QAM	12	0	21.98	21.01	20.75			
5	64QAM	12	7	21.12	21.11	21.10	22.5	3	
5	64QAM	12	13	20.92	21.07	21.12			
5	64QAM	25	0	21.06	21.07	21.08			
Channel 26705									
Frequency (MHz)									
3	QPSK	1	0	23.84	24.12	24.00			
3	QPSK	1	8	23.82	24.00	24.00	25.5	0	
3	QPSK	1	14	24.07	23.92	24.05			
3	QPSK	8	0	23.02	23.04	23.13			
3	QPSK	8	4	22.93	23.05	22.87	24.5	1	
3	QPSK	8	7	23.01	22.87	23.03			
3	QPSK	15	0	23.04	23.11	22.86			
3	16QAM	1	0	23.03	23.24	23.11			
3	16QAM	1	8	23.11	23.10	23.22	24.5	1	
3	16QAM	1	14	23.15	23.13	23.11			
3	16QAM	8	0	22.01	22.08	22.13			
3	16QAM	8	4	21.85	22.14	21.85	23.5	2	
3	16QAM	8	7	21.84	22.08	21.92			
3	16QAM	15	0	22.13	22.21	22.12			
3	64QAM	1	0	22.02	22.02	21.91			
3	64QAM	1	8	21.94	21.94	22.03	23.5	2	
3	64QAM	1	14	21.98	21.91	21.89			
3	64QAM	8	0	21.02	21.00	20.78			
3	64QAM	8	4	21.10	21.06	21.00	22.5	3	
3	64QAM	8	7	20.92	20.98	21.08			
3	64QAM	15	0	21.06	21.04	21.07			
Channel 26697									
Frequency (MHz)									
1.4	QPSK	1	0	23.88	24.16	24.04			
1.4	QPSK	1	3	24.01	24.01	24.00			
1.4	QPSK	1	5	24.04	23.99	24.07	25.5	0	
1.4	QPSK	3	0	23.89	24.17	24.06			
1.4	QPSK	3	1	23.84	24.03	23.85			
1.4	QPSK	3	3	23.90	23.95	24.14	24.5	1	
1.4	16QAM	1	0	22.94	23.00	22.97			
1.4	16QAM	1	3	22.86	22.92	22.96			
1.4	16QAM	1	5	23.04	22.96	22.86	24.5	1	
1.4	16QAM	3	0	23.06	23.30	22.98			
1.4	16QAM	3	1	22.91	23.21	23.12			
1.4	16QAM	3	3	23.17	23.22	23.09			
1.4	16QAM	6	0	21.98	22.06	22.01	23.5	2	

Band 38 Ant4 DSI3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	20.50	20.71	20.54			22	0
20	QPSK	1	49	20.47	20.58	20.62				
20	QPSK	1	99	20.49	20.59	20.59			22	0
20	QPSK	50	0	20.42	20.57	20.58				
20	QPSK	50	24	20.41	20.64	20.57			22	0
20	QPSK	50	50	20.42	20.59	20.59				
20	QPSK	100	0	20.40	20.60	20.56			22	0
20	16QAM	1	0	20.41	20.61	20.63				
20	16QAM	1	49	20.46	20.50	20.56			22	0
20	16QAM	1	99	20.43	20.70	20.59				
20	16QAM	50	0	20.52	20.67	20.55			22	0
20	16QAM	50	24	20.41	20.61	20.61				
20	16QAM	50	50	20.40	20.62	20.64			22	0
20	16QAM	100	0	20.43	20.65	20.66				
20	64QAM	1	0	20.49	20.62	20.62			22	0
20	64QAM	1	49	20.50	20.63	20.54				
20	64QAM	1	99	20.46	20.63	20.56			22	0
20	64QAM	50	0	20.47	20.67	20.62				
20	64QAM	50	24	20.42	20.67	20.58			22	0
20	64QAM	50	50	20.40	20.62	20.60				
20	64QAM	100	0	20.50	20.59	20.63				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	20.39	20.57	20.42			22	0
15	QPSK	1	37	20.37	20.43	20.55				
15	QPSK	1	74	20.33	20.51	20.47			22	0
15	QPSK	36	0	20.37	20.56	20.46				
15	QPSK	36	20	20.30	20.54	20.49			22	0
15	QPSK	36	39	20.35	20.50	20.50				
15	QPSK	75	0	20.35	20.47	20.40			22	0
15	16QAM	1	0	20.27	20.53	20.48				
15	16QAM	1	37	20.38	20.56	20.41			22	0
15	16QAM	1	74	20.37	20.57	20.49				
15	16QAM	36	0	20.40	20.61	20.42			22	0
15	16QAM	36	20	20.27	20.51	20.48				
15	16QAM	36	39	20.25	20.52	20.55			22	0
15	16QAM	75	0	20.36	20.58	20.55				
15	64QAM	1	0	20.34	20.57	20.54			22	0
15	64QAM	1	37	20.44	20.52	20.50				
15	64QAM	1	74	20.40	20.57	20.48			22	0
15	64QAM	36	0	20.32	20.62	20.48				
15	64QAM	36	20	20.34	20.55	20.43			22	0
15	64QAM	36	39	20.33	20.47	20.48				
15	64QAM	75	0	20.43	20.54	20.51				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	20.38	20.63	20.43			22	0
10	QPSK	1	25	20.42	20.43	20.52				
10	QPSK	1	49	20.38	20.46	20.51			22	0
10	QPSK	25	0	20.31	20.54	20.45				
10	QPSK	25	12	20.27	20.50	20.49			22	0
10	QPSK	25	25	20.31	20.43	20.52				
10	QPSK	50	0	20.29	20.50	20.42			22	0
10	16QAM	1	0	20.28	20.48	20.50				
10	16QAM	1	25	20.42	20.47	20.42			22	0
10	16QAM	1	49	20.39	20.65	20.49				
10	16QAM	25	0	20.46	20.63	20.39			22	0
10	16QAM	25	12	20.28	20.50	20.49				
10	16QAM	25	25	20.29	20.57	20.57			22	0
10	16QAM	50	0	20.30	20.50	20.61				
10	64QAM	1	0	20.43	20.56	20.48			22	0
10	64QAM	1	25	20.35	20.53	20.44				
10	64QAM	1	49	20.32	20.51	20.46			22	0
10	64QAM	25	0	20.33	20.53	20.56				
10	64QAM	25	12	20.32	20.55	20.44			22	0
10	64QAM	25	25	20.31	20.51	20.52				
10	64QAM	50	0	20.36	20.52	20.50				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	20.37	20.60	20.46			22	0
5	QPSK	1	12	20.35	20.53	20.50				
5	QPSK	1	24	20.37	20.54	20.46			22	0
5	QPSK	12	0	20.28	20.54	20.44				
5	QPSK	12	7	20.33	20.48	20.51			22	0
5	QPSK	12	13	20.31	20.53	20.54				
5	QPSK	25	0	20.35	20.44	20.46			22	0
5	16QAM	1	0	20.30	20.54	20.55				
5	16QAM	1	12	20.43	20.50	20.44			22	0
5	16QAM	1	24	20.38	20.58	20.49				
5	16QAM	12	0	20.39	20.52	20.45			22	0
5	16QAM	12	7	20.29	20.50	20.56				
5	16QAM	12	13	20.32	20.55	20.54			22	0
5	16QAM	25	0	20.29	20.50	20.58				
5	64QAM	1	0	20.37	20.57	20.55			22	0
5	64QAM	1	12	20.43	20.57	20.46				
5	64QAM	1	24	20.32	20.50	20.44			22	0
5	64QAM	12	0	20.38	20.53	20.54				
5	64QAM	12	7	20.28	20.52	20.54			22	0
5	64QAM	12	13	20.35	20.52	20.54				
5	64QAM	25	0	20.42	20.47	20.48				

Band 41 Ant4 DS13										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.68	20.86	20.60	20.71	20.71	22	0
20	QPSK	1	49	20.54	20.79	20.70	20.60	20.57		
20	QPSK	1	99	20.64	20.80	20.61	20.64	20.64	22	0
20	QPSK	50	0	20.65	20.82	20.66	20.64	20.64		
20	QPSK	50	24	20.61	20.78	20.61	20.53	20.57	22	0
20	QPSK	50	50	20.59	20.74	20.65	20.55	20.56		
20	QPSK	100	0	20.52	20.73	20.68	20.57	20.56	22	0
20	16QAM	1	0	20.46	20.72	20.64	20.50	20.56		
20	16QAM	1	49	20.50	20.73	20.66	20.55	20.55	22	0
20	16QAM	1	99	20.61	20.78	20.60	20.56	20.53		
20	16QAM	50	0	20.55	20.72	20.63	20.47	20.52	22	0
20	16QAM	50	24	20.57	20.77	20.62	20.60	20.60		
20	16QAM	50	50	20.53	20.75	20.66	20.59	20.52	22	0
20	16QAM	100	0	20.54	20.76	20.64	20.63	20.58		
20	64QAM	1	0	20.67	20.82	20.61	20.63	20.64	22	0
20	64QAM	1	49	20.59	20.78	20.71	20.63	20.59		
20	64QAM	1	99	20.57	20.73	20.66	20.51	20.55	22	0
20	64QAM	50	0	20.58	20.73	20.61	20.56	20.55		
20	64QAM	50	24	20.62	20.81	20.62	20.65	20.64	22	0
20	64QAM	50	50	20.61	20.81	20.67	20.62	20.60		
20	64QAM	100	0	20.62	20.79	20.64	20.63	20.63		
Channel				39725	40173	40620	41058	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.5	2593	2637.8	2682.5		
15	QPSK	1	0	20.48	20.68	20.43	20.52	20.50	22	0
15	QPSK	1	37	20.31	20.56	20.51	20.42	20.32		
15	QPSK	1	74	20.38	20.64	20.37	20.45	20.48	22	0
15	QPSK	36	0	20.48	20.57	20.52	20.41	20.41		
15	QPSK	36	20	20.38	20.62	20.36	20.45	20.38	22	0
15	QPSK	36	39	20.34	20.49	20.39	20.35	20.38		
15	QPSK	75	0	20.30	20.49	20.42	20.36	20.35	22	0
15	16QAM	1	0	20.28	20.52	20.45	20.30	20.42		
15	16QAM	1	37	20.30	20.57	20.43	20.41	20.34	22	0
15	16QAM	1	74	20.47	20.65	20.37	20.35	20.37		
15	16QAM	36	0	20.34	20.55	20.46	20.35	20.35	22	0
15	16QAM	36	20	20.36	20.62	20.43	20.41	20.37		
15	16QAM	36	39	20.36	20.55	20.49	20.33	20.37	22	0
15	16QAM	75	0	20.39	20.56	20.48	20.49	20.34		
15	64QAM	1	0	20.48	20.60	20.40	20.43	20.41	22	0
15	64QAM	1	37	20.43	20.62	20.53	20.49	20.33		
15	64QAM	1	74	20.42	20.51	20.51	20.33	20.29	22	0
15	64QAM	36	0	20.35	20.53	20.45	20.42	20.37		
15	64QAM	36	20	20.44	20.59	20.46	20.42	20.50	22	0
15	64QAM	36	39	20.41	20.57	20.46	20.40	20.38		
15	64QAM	75	0	20.44	20.61	20.42	20.40	20.47		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.48	20.63	20.41	20.49	20.48	22	0
10	QPSK	1	25	20.35	20.54	20.43	20.42	20.42		
10	QPSK	1	49	20.38	20.54	20.43	20.44	20.39	22	0
10	QPSK	25	0	20.45	20.63	20.41	20.47	20.44		
10	QPSK	25	12	20.39	20.56	20.40	20.30	20.35	22	0
10	QPSK	25	25	20.41	20.54	20.42	20.38	20.43		
10	QPSK	50	0	20.37	20.48	20.53	20.40	20.37	22	0
10	16QAM	1	0	20.25	20.54	20.40	20.26	20.35		
10	16QAM	1	25	20.29	20.58	20.49	20.41	20.38	22	0
10	16QAM	1	49	20.44	20.59	20.35	20.40	20.37		
10	16QAM	25	0	20.36	20.48	20.38	20.27	20.31	22	0
10	16QAM	25	12	20.42	20.62	20.42	20.42	20.42		
10	16QAM	25	25	20.35	20.58	20.51	20.34	20.27	22	0
10	16QAM	50	0	20.32	20.61	20.48	20.39	20.41		
10	64QAM	1	0	20.49	20.61	20.43	20.42	20.43	22	0
10	64QAM	1	25	20.37	20.63	20.56	20.48	20.40		
10	64QAM	1	49	20.39	20.48	20.49	20.35	20.29	22	0
10	64QAM	1	25	20.35	20.59	20.51	20.35	20.27		
10	64QAM	25	12	20.43	20.64	20.46	20.45	20.43	22	0
10	64QAM	25	25	20.48	20.59	20.51	20.42	20.34		
10	64QAM	50	0	20.45	20.64	20.40	20.45	20.42		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.66	20.69	20.45	20.54	20.54	22	0
5	QPSK	1	12	20.33	20.65	20.49	20.41	20.33		
5	QPSK	1	24	20.40	20.57	20.36	20.45	20.48	22	0
5	QPSK	12	0	20.41	20.64	20.49	20.42	20.46		
5	QPSK	12	7	20.42	20.58	20.39	20.29	20.37	22	0
5	QPSK	12	13	20.37	20.60	20.40	20.35	20.35		
5	QPSK	25	0	20.33	20.68	20.50	20.38	20.37	22	0
5	QPSK	25	0	20.29	20.47	20.38	20.35	20.33		
5	16QAM	1	0	20.25	20.50	20.41	20.29	20.29	22	0
5	16QAM	1	24	20.37	20.59	20.45	20.35	20.29		
5	16QAM	12	0	20.32	20.50	20.44	20.27	20.29	22	0
5	16QAM	12	7	20.39	20.61	20.40	20.45	20.36		
5	16QAM	12	13	20.35	20.51	20.41	20.39	20.31	22	0
5	16QAM	25	0	20.38	20.63	20.38	20.42	20.41		
5	64QAM	1	0	20.52	20.68	20.42	20.42	20.42	22	0
5	64QAM	1	12	20.39	20.59	20.47	20.47	20.36		
5	64QAM	1	24	20.38	20.47	20.51	20.28	20.31	22	0
5	64QAM	12	0	20.44	20.53	20.43	20.40	20.34		
5	64QAM	12	7	20.39	20.56	20.36	20.45	20.48	22	0
5	64QAM	12	13	20.44	20.59	20.48	20.45	20.48		
5	64QAM	25	0	20.44	20.59	20.48	20.45	20.38		

Reduced Power Mode for DSI4

GSM850 Ant1 Default							
GSM850	Burst Average Power (dBm)			Tune-up	Frame Average Power (dBm)		
TX Channel	128	189	251	Limit	128	189	251
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8
GSM 1 Tx slot	32.24	32.41	32.57	33.50	23.24	23.41	23.57
GPRS 1 Tx slot	32.28	32.48	32.63	33.50	23.28	23.49	23.63
GPRS 2 Tx slots	29.81	29.88	30.09	30.50	23.81	23.88	24.09
GPRS 3 Tx slots	27.64	27.62	27.83	28.50	23.38	23.36	23.57
GPRS 4 Tx slots	26.45	26.74	26.71	27.50	23.45	23.74	23.71
EDGE 1 Tx slot	26.80	26.74	26.75	28.00	17.80	17.74	17.75
EDGE 2 Tx slots	24.21	24.12	24.30	25.00	18.21	18.12	18.30
EDGE 3 Tx slots	22.13	22.06	22.08	23.00	17.87	17.80	17.82
EDGE 4 Tx slots	20.73	20.78	20.58	22.00	17.73	17.78	17.58

GSM1900 Ant1 Default								
GSM1900		Burst Average Power (dBm)			Tune-up	Frame Average Power (dBm)		
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1880	1920.8	(dBm)	1850.2	1880	1920.8	(dBm)
GSM 1 Tx slot	28.78	29.04	29.21	30.50	19.78	20.04	20.21	21.50
GPRS 1 Tx slot	28.78	29.03	29.16	30.50	19.78	20.03	20.16	21.50
GPRS 2 Tx slots	26.01	26.26	26.42	27.50	20.01	20.26	20.42	21.50
GPRS 3 Tx slots	24.26	24.21	24.58	25.00	19.65	20.30	20.32	21.50
GPRS 4 Tx slots	23.15	23.44	23.41	24.50	20.15	20.44	20.41	21.50
EDGE 1 Tx slot	25.84	25.76	28.13	27.00	16.84	16.76	17.13	18.00
EDGE 2 Tx slots	22.70	22.53	22.98	24.00	16.70	16.53	16.96	18.00
EDGE 3 Tx slots	20.97	20.71	21.12	22.00	16.71	16.45	16.85	17.00
EDGE 4 Tx slots	20.04	20.06	20.19	21.00	17.04	17.06	17.19	18.00

WCDMA II Ant1 Default										WCDMA IV Ant1 Default										WCDMA V Ant1 Default									
Band		WCDMA II			Tune-up		WCDMA IV			Tune-up		WCDMA V			Tune-up		WCDMA V												
TX Channel		9562	9600	9638	(dBm)		1312	1413	1513	(dBm)		4132	4142	4233	(dBm)		4307	4407	4458										
Rx Channel		9562	9600	9638			1537	1638	1738			4507	4607	4658			4707	4807	4858										
Frequency (MHz)		1852.4	1860	1907.6			1712.4	1732.6	1752.6			5207.4	5215.4	5257.6			5307.4	5327.6	5347.6										
3GPP Rel 99	AMR 12.2kbps	23.46	23.58	23.54	25.00	23.54	23.74	23.77	23.67	25.00	23.50	23.68	23.61	25.00	23.68	23.81	23.61	25.00	23.68										
3GPP Rel 99	RMC 12.2kbps	23.54	23.65	23.64	25.00	23.76	23.77	23.67	25.00	23.50	23.68	23.69	23.65	25.00	23.68	23.69	23.65	25.00	23.68										
3GPP Rel 6	HSDPA Subtest-1	22.48	22.55	22.53	24.00	22.64	22.79	22.75	24.00	22.68	22.75	22.71	24.00	22.68	22.75	22.71	24.00	22.68	22.75										
3GPP Rel 6	HSDPA Subtest-2	22.50	22.53	22.41	24.00	22.59	22.70	22.64	24.00	22.63	22.68	22.66	24.00	22.63	22.68	22.66	24.00	22.63	22.68										
3GPP Rel 6	HSDPA Subtest-3	21.95	22.08	22.08	23.50	22.15	22.25	22.15	23.50	22.13	22.25	22.19	23.50	22.13	22.25	22.19	23.50	22.13	22.25										
3GPP Rel 6	HSDPA Subtest-4	21.93	22.05	21.93	23.50	22.13	22.19	22.13	23.50	22.12	22.21	22.11	23.50	22.12	22.21	22.11	23.50	22.12	22.21										
3GPP Rel 6	DC-HSDPA Subtest-1	22.42	22.50	22.51	24.00	22.68	22.69	22.60	24.00	22.63	22.68	22.66	24.00	22.63	22.68	22.66	24.00	22.63	22.68										
3GPP Rel 6	DC-HSDPA Subtest-2	22.41	22.45	22.41	24.00	22.57	22.65	22.63	24.00	22.58	22.64	22.62	24.00	22.58	22.64	22.62	24.00	22.58	22.64										
3GPP Rel 6	DC-HSDPA Subtest-3	21.92	22.06	21.98	23.50	22.05	22.20	22.05	23.50	22.02	22.19	22.03	23.50	22.02	22.19	22.03	23.50	22.02	22.19										
3GPP Rel 6	DC-HSDPA Subtest-4	21.87	21.99	21.91	23.50	22.01	22.06	22.08	23.50	22.00	22.14	22.04	23.50	22.00	22.14	22.04	23.50	22.00	22.14										
3GPP Rel 6	HSUPA Subtest-1	22.36	22.41	22.39	24.00	22.47	22.60	22.57	24.00	22.49	22.62	22.60	24.00	22.49	22.62	22.60	24.00	22.49	22.62										
3GPP Rel 6	HSUPA Subtest-2	20.46	20.61	20.55	22.00	20.64	20.71	20.62	22.00	20.61	20.70	20.61	22.00	20.61	20.70	20.61	22.00	20.61	20.70										
3GPP Rel 6	HSUPA Subtest-3	21.58	21.68	21.68	23.00	21.72	21.81	21.76	23.00	21.72	21.75	21.75	23.00	21.72	21.75	21.75	23.00	21.72	21.75										
3GPP Rel 6	HSUPA Subtest-4	20.38	20.55	20.38	22.00	20.55	20.68	20.58	22.00	20.59	20.69	20.60	22.00	20.59	20.69	20.60	22.00	20.59	20.69										
3GPP Rel 6	HSUPA Subtest-5	22.39	22.47	22.38	24.00	22.58	22.65	22.57	24.00	22.60	22.67	22.64	24.00	22.60	22.67	22.64	24.00	22.60	22.67										
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.98	20.13	20.06	21.50	20.22	20.34	20.28	21.50	20.28	20.38	20.32	21.50	20.28	20.38	20.32	21.50	20.28	20.38										

WCDMA V Ant1 Default				
	WCDMA V			Tune-up Limit (dbm)
4132	4182	4232		
4307	4407	4458		
826.4	836.4	846.6		
23.55	23.68	23.61	25.00	
23.56	23.65	23.65	25.00	
22.68	22.75	22.71	24.00	
22.63	22.66	22.66	24.00	
22.15	22.19	22.19	23.50	
22.12	22.21	22.11	23.50	
22.63	22.68	22.66	24.00	
22.54	22.58	22.53	24.00	
22.02	22.19	22.03	23.00	
22.00	22.14	22.04	23.50	
22.49	22.62	22.60	24.00	
20.69	20.77	20.81	22.00	
21.57	21.73	21.75	23.00	
20.59	20.69	20.60	22.00	
22.59	22.63	22.64	24.00	
20.16	20.26	20.20	21.50	



Band 2 Ant1 Default														
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn- up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	24.14	1880	1900	24.05	25.5	0					
20	QPSK	1	49	24.05	1879	1899	24.18							
20	QPSK	1	99	24.01	1880	1900	24.24							
20	QPSK	50	0	23.18	23.25	23.35	23.16	24.5	1					
20	QPSK	50	24	23.04	23.30	23.10	23.04							
20	QPSK	50	50	23.03	23.31	23.08	23.08							
20	16QAM	1	0	22.99	23.20	23.03	22.96	24.5	1					
20	16QAM	1	49	22.96	22.93	22.91	22.91							
20	16QAM	1	99	22.89	22.89	22.84	22.84							
20	16QAM	50	0	22.19	22.33	22.22	22.22	23.5	2					
20	16QAM	50	24	22.05	22.26	22.11	22.11							
20	16QAM	50	50	22.08	22.26	22.13	22.13							
20	16QAM	100	0	22.19	22.25	22.21	22.21	22.5	3					
20	64QAM	1	0	22.04	22.15	22.05	22.05							
20	64QAM	1	49	21.98	22.11	21.97	21.97							
20	64QAM	50	0	21.18	21.32	21.20	21.20	23.5	2					
20	64QAM	50	24	21.14	21.21	21.12	21.12							
20	64QAM	50	50	21.11	21.24	21.10	21.10							
20	64QAM	100	0	21.01	21.11	21.05	21.05	22.5	3					
Channel														
Frequency (MHz)														
15	QPSK	1	0	1857.5	1860	1900	1925.5	25.5	0					
15	QPSK	1	0	24.06	24.22	23.96	24.06							
15	QPSK	1	37	23.83	24.15	23.79	23.79							
15	QPSK	1	74	23.80	24.19	23.76	23.76	24.5	1					
15	QPSK	36	0	23.06	23.19	23.07	23.07							
15	QPSK	36	39	23.01	22.92	22.97	22.97							
15	QPSK	75	0	23.04	23.22	23.07	23.07	24.5	1					
15	16QAM	1	0	22.85	23.15	22.83	22.83							
15	16QAM	1	37	22.93	22.74	22.87	22.87							
15	16QAM	1	74	22.86	22.81	22.76	22.76	23.5	2					
15	16QAM	36	0	22.11	22.29	22.08	22.08							
15	16QAM	36	20	21.97	22.15	22.05	22.05							
15	16QAM	36	39	21.99	22.14	21.95	21.95	23.5	2					
15	16QAM	75	0	22.04	22.22	21.93	21.93							
15	64QAM	1	0	21.87	21.98	21.91	21.91							
15	64QAM	1	37	21.89	22.00	21.79	21.79	23.5	2					
15	64QAM	1	74	21.77	21.83	21.85	21.85							
15	64QAM	36	0	21.00	21.23	21.11	21.11							
15	64QAM	36	20	20.92	21.16	21.03	21.03	22.5	3					
15	64QAM	36	39	21.00	21.05	20.95	20.95							
15	64QAM	75	0	20.90	20.98	20.98	20.98							
Channel														
Frequency (MHz)														
10	QPSK	1	0	24.01	24.20	23.96	23.96	25.5	0					
10	QPSK	1	25	23.87	24.09	23.87	23.87							
10	QPSK	1	49	23.98	24.10	23.89	23.89							
10	QPSK	25	0	23.14	23.07	22.98	22.98	24.5	1					
10	QPSK	25	12	22.95	22.96	22.95	22.95							
10	QPSK	25	25	22.98	23.00	22.93	22.93							
10	QPSK	50	0	22.98	23.13	23.06	23.06	24.5	1					
10	16QAM	1	0	22.78	22.92	22.89	22.89							
10	16QAM	1	25	22.93	22.83	22.81	22.81							
10	16QAM	1	49	22.78	22.72	22.71	22.71	23.5	2					
10	16QAM	25	0	22.01	22.25	22.19	22.19							
10	16QAM	25	12	21.92	22.06	21.96	21.96							
10	16QAM	25	25	21.95	22.10	22.05	22.05	23.5	2					
10	16QAM	50	0	22.03	22.06	22.04	22.04							
10	64QAM	1	0	21.88	21.95	21.88	21.88							
10	64QAM	1	25	21.87	21.99	21.80	21.80	23.5	2					
10	64QAM	1	49	21.75	21.97	21.80	21.80							
10	64QAM	1	99	21.10	21.26	21.07	21.07							
10	64QAM	25	12	20.95	21.05	20.92	20.92	22.5	3					
10	64QAM	25	25	20.95	21.07	20.98	20.98							
10	64QAM	50	0	20.92	20.97	20.83	20.83							
Channel														
Frequency (MHz)														
5	QPSK	1	0	24.03	24.12	23.92	23.92	25.5	0					
5	QPSK	1	12	23.94	24.15	23.83	23.83							
5	QPSK	1	24	23.82	24.00	23.85	23.85							
5	QPSK	12	0	23.13	23.09	23.13	23.13	24.5	1					
5	QPSK	12	7	22.85	22.93	22.99	22.99							
5	QPSK	12	13	22.88	23.00	22.93	22.93							
5	QPSK	25	0	23.00	23.13	23.00	23.00	24.5	1					
5	16QAM	1	0	22.85	22.96	22.91	22.91							
5	16QAM	1	12	22.93	22.76	22.82	22.82							
5	16QAM	1	24	22.85	22.69	22.77	22.77	23.5	2					
5	16QAM	12	0	22.03	22.25	22.03	22.03							
5	16QAM	12	7	21.95	22.09	22.06	22.06							
5	16QAM	12	13	21.90	22.06	22.04	22.04	23.5	2					
5	16QAM	25	0	22.06	22.16	21.94	21.94							
5	64QAM	1	0	22.00	22.10	21.90	21.90							
5	64QAM	1	12	21.76	21.98	21.80	21.80	23.5	2					
5	64QAM	1	24	21.77	21.85	21.91	21.91							
5	64QAM	12	0	20.97	21.27	21.12	21.12							
5	64QAM	12	7	20.99	21.15	21.06	21.06	22.5	3					
5	64QAM	12	13	21.03	21.04	20.90	20.90							
5	64QAM	25	0	20.92	20.96	20.90	20.90							
Channel														
Frequency (MHz)														
3	QPSK	1	0	24.02	24.12	23.90	23.90	25.5	0					
3	QPSK	1	8	23.93	24.11	23.86	23.86							
3	QPSK	1	14	23.92	24.17	23.87	23.87							
3	QPSK	8	0	22.98	23.12	23.06	23.06	24.5	1					
3	QPSK	8	4	22.93	23.02	22.99	22.99							
3	QPSK	8	7	22.83	22.96	22.88	22.88							
3	QPSK	15	0	23.10	23.11	23.05	23.05	24.5	1					
3	16QAM	1	0	22.84	22.94	22.83	22.83							
3	16QAM	1	8	22.86	22.84	22.84	22.84							
3	16QAM	1	14	22.69	22.75	22.65	22.65	23.5	2					
3	16QAM	8	0	22.08	22.16	22.10	22.10							
3	16QAM	8	4	21.85	22.12	22.04	22.04							
3	16QAM	8	7	21.95	22.22	22.14	22.14	23.5	2					
3	16QAM	15	0	21.99	22.11	21.92	21.92							
3	64QAM	1	0	21.98	21.99	21.94	21.94							
3	64QAM	1	8	21.82	21.99	21.83	21.83	23.5	2					
3	64QAM	1	14	21.91	21.93	21.94	21.94							
3	64QAM	8	0	21.12	21.20	21.02	21.02							
3	64QAM	8	4	21.05	21.21	21.01	21.01	22.5	3					
3	64QAM	8	7	20.94	21.02	21.06	21.06							
3	64QAM	15	0	20.97	20.90	20.91	20.91							
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	23.93	24.07	23.85	23.85	25.5	0					
1.4	QPSK	1	3	23.86	23.96	23.71	23.71							
1.4	QPSK	1	6	23.84	24.02	23.84	23.84							
1.4	QPSK	3	0	23.03	23.14	23.09	23.09	24.5	1					
1.4	QPSK	3	3	23.01	23.02	22.85	22.85							
1.4	QPSK	3	6	23.02	23.03	22.83	22.83							
1.4	QPSK	3	9	23.03	23.04	22.84	22.84	24.5	1					
1.4	16QAM	1	0	22.90	23.11	23.08	23.08							
1.4	16QAM	1	3	22.81	22.94	22.88	22.88							
1.4	16QAM	3	0	22.74	22.71	22.71	22.71	23.5	2					
1.4	16QAM	3	3	22.61	22.80	22.82	22.82							
1.4	16QAM	6	0	22.09	22.23	22.05	22.05							
1.4	16QAM	1	0	21.91	22.20	22.12	22.12	23.5	2					
1.4	64QAM	1	3	21.97	22.19	22.01	22.01							
1.4	64QAM	3	0	22.06	22.09	21.91	21.91							
1.4	64QAM	3	3	22.01	21.96	21.87	21.87	23.5	2					
1.4	64QAM	3	6	22.02	22.08	22.05	22.05							
1.4	64QAM	3	9	22.02	22.06	22.06	22.06							
1.4	64QAM	3	12	21.95	22.06	22.05	22.05	22.5	3					
1.4	64QAM	3	15	21.86	21.99	21.88	21.88							

Band 13 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel 23250									
Frequency (MHz)									
10	QPSK	1	0		24.34				
10	QPSK	1	25		24.31		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.31				
10	QPSK	25	12		23.16		24.5	1	
10	QPSK	25	25		23.27				
10	QPSK	50	0		23.32				
10	16QAM	1	0		23.31				
10	16QAM	1	25		23.18		24.5	1	
10	16QAM	1	49		23.28				
10	16QAM	25	0		22.31				
10	16QAM	25	12		22.17		23.5	2	
10	16QAM	25	25		22.26				
10	16QAM	50	0		22.36				
10	64QAM	1	0		22.23				
10	64QAM	1	25		22.10		23.5	2	
10	64QAM	1	49		22.20				
10	64QAM	25	0		21.37				
10	64QAM	25	12		21.31		22.5	3	
10	64QAM	25	25		21.26				
10	64QAM	50	0		21.29				
Channel 23205									
Frequency (MHz)									
5	QPSK	1	0	24.15	24.19	24.13			
5	QPSK	1	12	24.20	24.14	24.13			
5	QPSK	1	24	24.08	24.19	24.07		25.5	0
5	QPSK	12	0	23.24	23.13	23.27			
5	QPSK	12	7	22.97	23.10	23.07	24.5	1	
5	QPSK	12	13	23.21	23.18	23.24			
5	QPSK	25	0	23.19	23.10	23.28			
5	16QAM	1	0	23.12	23.12	23.27			
5	16QAM	1	12	22.98	23.15	23.15	24.5	1	
5	16QAM	1	24	23.23	23.21	23.12			
5	16QAM	12	0	22.14	22.10	22.20			
5	16QAM	12	7	22.14	22.11	21.99	23.5	2	
5	16QAM	12	13	22.16	22.22	22.12			
5	16QAM	25	0	22.31	22.30	22.31			
5	64QAM	1	0	22.02	22.06	22.20			
5	64QAM	1	12	21.96	22.03	21.96	23.5	2	
5	64QAM	1	24	22.15	22.04	22.11			
5	64QAM	12	0	21.34	21.29	21.32			
5	64QAM	12	7	21.22	21.09	21.21	22.5	3	
5	64QAM	12	13	21.09	21.14	21.12			
5	64QAM	25	0	21.23	21.23	21.19			

Band 26 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel 26765									
Frequency (MHz)									
15	QPSK	1	0	24.02	24.41	24.19			
15	QPSK	1	37	23.92	24.29	24.14	25.5	0	
15	QPSK	1	74	23.97	24.28	24.08			
15	QPSK	36	0	22.98	23.11	23.06			
15	QPSK	36	20	22.87	23.00	23.00	24.5	1	
15	QPSK	36	39	22.86	22.97	23.01			
15	QPSK	75	0	23.01	23.15	23.14			
15	16QAM	1	0	23.02	23.17	23.11			
15	16QAM	1	37	22.87	23.03	23.06	24.5	1	
15	16QAM	1	74	22.93	23.08	23.04			
15	16QAM	36	0	22.02	22.20	22.00			
15	16QAM	36	20	21.91	22.12	21.95	23.5	2	
15	16QAM	36	39	21.94	22.16	21.96			
15	16QAM	75	0	21.87	22.17	22.02			
15	64QAM	1	0	22.02	22.12	22.13			
15	64QAM	1	37	21.92	22.00	22.02	23.5	2	
15	64QAM	1	74	21.99	22.04	22.05			
15	64QAM	36	0	20.83	21.06	20.83			
15	64QAM	36	20	20.78	20.94	20.85	22.5	3	
15	64QAM	36	39	20.69	21.04	20.90			
15	64QAM	75	0	20.88	21.08	21.08			
Channel 26740									
Frequency (MHz)									
10	QPSK	1	0	23.86	24.38	23.98			
10	QPSK	1	25	23.90	24.24	23.92	25.5	0	
10	QPSK	1	49	23.89	24.10	23.92			
10	QPSK	25	0	22.89	22.98	23.00			
10	QPSK	25	12	22.67	22.85	22.82	24.5	1	
10	QPSK	25	25	22.81	22.85	22.79			
10	QPSK	50	0	22.92	23.11	23.11			
10	16QAM	1	0	22.84	22.95	22.92			
10	16QAM	1	25	22.72	22.82	22.87	24.5	1	
10	16QAM	1	49	22.89	22.93	22.94			
10	16QAM	25	0	21.83	22.15	21.96	23.5	2	
10	16QAM	25	12	21.70	22.10	21.91			
10	16QAM	25	25	21.78	22.11	21.85			
10	16QAM	50	0	21.80	22.09	21.86			
10	64QAM	1	0	21.91	22.06	21.94			
10	64QAM	1	25	21.89	21.85	21.90	23.5	2	
10	64QAM	1	49	21.78	22.02	21.83			
10	64QAM	25	0	20.75	21.04	20.82			
10	64QAM	25	12	20.68	20.92	20.80	22.5	3	
10	64QAM	25	25	20.68	20.86	20.73			
10	64QAM	50	0	20.80	20.80	20.85			
Channel 26715									
Frequency (MHz)									
5	QPSK	1	0	23.82	24.26	24.13			
5	QPSK	1	12	23.81	24.26	24.08	25.5	0	
5	QPSK	1	24	23.83	24.15	23.93			
5	QPSK	12	0	22.95	23.03	22.91			
5	QPSK	12	7	22.80	22.88	22.90	24.5	1	
5	QPSK	12	13	22.78	22.83	22.86			
5	QPSK	25	0	22.88	23.04	22.99			
5	16QAM	1	0	22.85	23.01	22.91			
5	16QAM	1	12	22.66	22.93	23.00	24.5	1	
5	16QAM	1	24	22.82	22.87	23.00			
5	16QAM	12	0	21.96	22.02	21.80	23.5	2	
5	16QAM	12	7	21.74	21.93	21.84			
5	16QAM	12	13	21.90	21.96	21.83			
5	16QAM	25	0	21.82	22.03	21.88			
5	64QAM	1	0	21.85	21.98	21.91			
5	64QAM	1	12	21.86	21.95	21.98	23.5	2	
5	64QAM	1	24	21.82	21.84	22.02			
5	64QAM	12	0	20.61	20.86	20.85			
5	64QAM	12	7	20.69	20.75	20.75	22.5	3	
5	64QAM	12	13	20.65	20.88	20.84			
5	64QAM	25	0	20.73	20.99	20.98			
Channel 26705									
Frequency (MHz)									
3	QPSK	1	0	23.91	24.32	24.00			
3	QPSK	1	8	23.83	24.25	24.04	25.5	0	
3	QPSK	1	14	23.88	24.17	23.91			
3	QPSK	8	0	22.77	22.99	22.85			
3	QPSK	8	4	22.78	22.87	22.80	24.5	1	
3	QPSK	8	7	22.81	22.88	22.81			
3	QPSK	15	0	22.98	23.01	23.06			
3	16QAM	1	0	23.00	23.06	23.05			
3	16QAM	1	8	22.81	22.89	22.91	24.5	1	
3	16QAM	1	14	22.78	23.05	22.92			
3	16QAM	8	0	21.90	22.02	21.96			
3	16QAM	8	4	21.79	21.91	21.83	23.5	2	
3	16QAM	8	7	21.76	22.11	21.83			
3	16QAM	15	0	21.70	21.96	21.87			
3	64QAM	1	0	21.87	22.06	22.11			
3	64QAM	1	8	21.85	21.87	21.82	23.5	2	
3	64QAM	1	14	21.80	22.02	21.85			
3	64QAM	8	0	20.81	21.03	20.90			
3	64QAM	8	4	20.67	20.82	20.65	22.5	3	
3	64QAM	8	7	20.47	20.96	20.75			
3	64QAM	15	0	20.78	21.02	20.98			
Channel 26697									
Frequency (MHz)									
1.4	QPSK	1	0	23.93	24.26	23.99			
1.4	QPSK	1	3	23.74	24.09	23.94	25.5	0	
1.4	QPSK	1	5	23.92	24.10	24.02			
1.4	QPSK	3	0	23.95	24.29	24.03			
1.4	QPSK	3	1	23.77	24.16	23.86			
1.4	QPSK	3	3	23.91	24.25	24.05	24.5	1	
1.4	QPSK	6	0	22.78	23.05	22.99			
1.4	16QAM	1	0	22.65	22.90	22.83			
1.4	16QAM	1	3	22.71	22.76	22.82			
1.4	16QAM	1	5	22.82	22.97	22.97	24.5	1	
1.4	16QAM	3	0	22.80	23.01	22.97			
1.4	16QAM	3	1	22.82	22.86	22.94			
1.4	16QAM	3	3	22.77	22.99	22.87			
1.4	16QAM	6	0	21.85	22.08	21.87	23.5	2	
1.4	64QAM	1	0	21.79	21.93	21.81			
1.4	64QAM	1	3	21.89	22.05	21.94			
1.4	64QAM	1	5	21.77	22.03	21.92	23.5	2	
1.4	64QAM	3	0	21.83	22.05	21.98			
1.4	64QAM	3	1	21.71	21.86	21.80			
1.4	64QAM	3	3	21.91	21.86	21.97			
1.4	64QAM	6	0	21.72	20.92	20.87	22.5	3	

Band 38 Ant1 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [FHz]	Power Middle Ch. [FHz]	Power High Ch. [FHz]	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.01	24.12	24.08		25.5	0
20	QPSK	1	49	23.91	24.02	24.01			
20	QPSK	1	99	23.88	24.06	23.98			
20	QPSK	50	0	23.01	23.11	23.06		24.5	1
20	QPSK	50	24	22.98	22.96	22.98			
20	QPSK	50	50	22.86	23.07	22.93			
20	QPSK	100	0	23.04	23.09	22.97		24.5	1
20	16QAM	1	0	22.86	23.07	23.01			
20	16QAM	1	49	22.92	22.83	22.85			
20	16QAM	1	99	22.77	22.93	22.84		23.5	2
20	16QAM	50	0	22.07	22.12	22.06			
20	16QAM	50	24	22.04	21.99	22.01			
20	16QAM	50	50	22.00	22.06	21.98		23.5	2
20	16QAM	100	0	22.00	22.11	22.06			
20	64QAM	1	0	22.11	22.22	22.18			
20	64QAM	1	49	22.00	22.12	22.09		23.5	2
20	64QAM	1	99	21.87	22.02	22.03			
20	64QAM	50	0	21.10	21.20	21.15			
20	64QAM	50	24	21.01	21.09	21.09		22.5	3
20	64QAM	50	50	20.99	21.12	21.08			
20	64QAM	100	0	21.07	21.19	21.10			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.90	23.94	23.90		25.5	0
15	QPSK	1	37	23.88	23.90	23.84			
15	QPSK	1	74	23.85	23.98	23.82			
15	QPSK	36	0	22.87	22.93	22.89		24.5	1
15	QPSK	36	20	22.92	22.81	22.81			
15	QPSK	36	39	22.66	22.86	22.87			
15	QPSK	75	0	22.98	22.91	22.88		24.5	1
15	16QAM	1	0	22.83	23.02	22.92			
15	16QAM	1	37	22.77	22.73	22.76			
15	16QAM	1	74	22.66	22.96	22.73		23.5	2
15	16QAM	36	0	21.94	21.90	21.87			
15	16QAM	36	20	21.97	21.78	21.86			
15	16QAM	36	39	21.81	22.02	21.93		23.5	2
15	16QAM	75	0	21.93	22.03	22.05			
15	64QAM	1	0	22.07	22.08	22.14			
15	64QAM	1	37	21.86	21.91	22.01		23.5	2
15	64QAM	1	74	21.84	21.97	21.84			
15	64QAM	36	0	21.01	21.00	21.02			
15	64QAM	36	20	20.80	20.87	20.90		22.5	3
15	64QAM	36	39	20.90	20.91	21.04			
15	64QAM	75	0	20.86	21.16	21.06			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.84	24.09	23.98		25.5	0
10	QPSK	1	25	23.86	23.81	23.91			
10	QPSK	1	49	23.70	23.86	23.95			
10	QPSK	25	0	22.82	22.96	22.99		24.5	1
10	QPSK	25	12	22.77	22.86	22.92			
10	QPSK	25	25	22.81	23.00	22.79			
10	QPSK	50	0	22.94	22.94	22.80		24.5	1
10	16QAM	1	0	22.80	23.01	22.85			
10	16QAM	1	25	22.83	22.73	22.81			
10	16QAM	1	49	22.64	22.86	22.68		23.5	2
10	16QAM	25	0	21.90	22.06	22.03			
10	16QAM	25	12	22.00	21.91	21.81			
10	16QAM	25	25	21.85	21.85	21.88		23.5	2
10	16QAM	50	0	21.85	21.94	21.97			
10	64QAM	1	0	22.07	22.11	22.08			
10	64QAM	1	25	21.95	22.08	22.01		23.5	2
10	64QAM	1	49	21.88	21.80	21.83			
10	64QAM	25	0	21.02	21.11	21.08			
10	64QAM	25	12	20.95	20.88	21.05		22.5	3
10	64QAM	25	25	20.87	21.09	21.06			
10	64QAM	50	0	21.01	21.11	20.90			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.98	24.07	24.04		25.5	0
5	QPSK	1	12	23.86	23.94	23.95			
5	QPSK	1	24	23.67	23.87	23.85			
5	QPSK	12	0	22.97	23.00	22.95		24.5	1
5	QPSK	12	7	22.88	22.85	22.87			
5	QPSK	12	13	22.73	22.89	22.87			
5	QPSK	25	0	22.89	22.94	22.83		24.5	1
5	16QAM	1	0	22.79	22.99	22.90			
5	16QAM	1	12	22.74	22.61	22.69			
5	16QAM	1	24	22.64	22.74	22.72		23.5	2
5	16QAM	12	0	22.01	21.91	21.94			
5	16QAM	12	7	21.88	21.81	21.97			
5	16QAM	12	13	21.81	22.03	21.83		23.5	2
5	16QAM	25	0	21.85	21.98	21.83			
5	64QAM	1	0	22.07	22.01	22.03			
5	64QAM	1	12	21.81	21.97	21.89		23.5	2
5	64QAM	1	24	21.72	21.89	21.82			
5	64QAM	12	0	20.92	21.17	21.11			
5	64QAM	12	7	20.87	21.03	21.07		22.5	3
5	64QAM	12	13	20.79	20.94	21.05			
5	64QAM	25	0	20.88	20.98	20.99			

Band 41 Ant1 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.91	23.98	24.15	24.09	24.06	25.5	0
20	QPSK	1	49	23.84	23.85	24.12	24.01	23.95		
20	QPSK	1	99	23.80	23.89	24.01	23.97	23.95		
20	QPSK	50	0	23.04	23.09	23.14	23.11	23.09	24.5	1
20	QPSK	50	24	22.91	23.00	23.05	23.03	22.94		
20	QPSK	50	50	22.98	22.98	23.01	23.04	22.98		
20	QPSK	100	0	22.95	23.03	23.07	22.92	22.98	24.5	1
20	16QAM	1	0	23.05	22.99	23.10	22.97	22.96		
20	16QAM	1	49	22.95	22.85	23.03	22.95	22.97		
20	16QAM	1	99	22.99	22.95	23.04	22.91	22.82	23.5	2
20	16QAM	50	0	21.88	21.94	21.97	21.90	21.91		
20	16QAM	50	24	21.74	21.86	21.85	21.75	21.85		
20	16QAM	50	50	21.76	21.88	21.88	21.84	21.77	23.5	2
20	16QAM	100	0	22.00	22.03	22.09	22.04	21.98		
20	64QAM	1	0	22.12	22.04	22.18	22.09	22.10		
20	64QAM	1	49	22.08	21.97	22.05	22.01	22.04	23.5	2
20	64QAM	1	99	21.98	21.96	22.06	21.97	22.04		
20	64QAM	50	0	21.04	20.99	21.08	20.98	21.02		
20	64QAM	50	24	20.98	20.89	20.93	20.95	20.89	22.5	3
20	64QAM	50	50	20.85	20.99	20.93	20.83	20.94		
20	64QAM	100	0	20.98	21.01	21.10	20.98	20.98		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.70	23.79	24.06	23.91	23.86	26	0
15	QPSK	1	37	23.78	23.70	24.07	23.81	23.83		
15	QPSK	1	74	23.61	23.68	23.84	23.81	23.77		
15	QPSK	36	0	22.94	22.92	22.98	23.00	22.90	24.5	1
15	QPSK	36	20	22.82	22.89	22.86	22.95	22.84		
15	QPSK	36	39	22.91	22.88	22.91	22.96	22.86		
15	QPSK	75	0	22.82	22.82	23.04	22.89	22.78	24.5	1
15	16QAM	1	0	22.86	22.90	22.96	22.89	22.76		
15	16QAM	1	37	22.80	22.82	22.91	22.63	22.76	24.5	1
15	16QAM	1	74	22.94	22.78	22.99	22.85	22.84		
15	16QAM	36	0	21.70	21.72	21.84	21.60	21.77		
15	16QAM	36	20	21.52	21.79	21.68	21.60	21.88	23.5	2
15	16QAM	36	39	21.65	21.80	21.75	21.66	21.83		
15	16QAM	75	0	21.79	21.98	22.06	22.00	21.88		
15	64QAM	1	0	22.05	21.97	22.12	22.02	21.98	23.5	2
15	64QAM	1	37	21.93	21.78	22.01	21.92	21.92		
15	64QAM	1	74	21.83	21.74	21.94	21.82	21.84		
15	64QAM	36	0	20.95	20.85	21.01	20.95	20.96	22.5	3
15	64QAM	36	20	20.93	20.78	20.76	20.73	20.76		
15	64QAM	36	39	20.80	20.69	20.92	20.68	20.77		
15	64QAM	75	0	20.78	20.81	20.89	20.93	20.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.81	23.95	23.96	24.05	23.95	26	0
10	QPSK	1	25	23.84	23.94	23.93	23.93	23.77		
10	QPSK	1	49	23.85	23.82	23.83	24.09	23.93		
10	QPSK	25	0	22.97	22.98	23.08	23.03	23.06	24.5	1
10	QPSK	25	12	22.73	22.92	22.94	22.98	22.85		
10	QPSK	25	25	22.92	22.82	22.99	23.02	22.94		
10	QPSK	60	0	22.76	22.92	22.96	22.78	22.88	24.5	1
10	QPSK	60	0	22.90	22.96	23.04	22.98	22.84		
10	16QAM	1	25	22.86	22.82	22.93	22.67	22.73	23.5	2
10	16QAM	1	49	22.91	22.79	23.02	22.82	22.63		
10	16QAM	25	0	21.83	21.81	21.90	21.62	21.78		
10	16QAM	25	12	21.53	21.78	21.90	21.82	21.78	23.5	2
10	16QAM	25	25	21.87	21.76	21.81	21.70	21.84		
10	16QAM	50	0	21.98	21.82	21.90	21.87	21.83		
10	16QAM	1	0	21.98	21.98	21.97	22.02	21.97	23.5	2
10	64QAM	1	25	21.92	21.80	22.02	21.82	21.88		
10	64QAM	1	49	21.83	21.83	21.93	21.87	21.89		
10	64QAM	25	0	20.87	21.92	21.91	20.82	20.90	22.5	3
10	64QAM	25	12	20.84	20.71	20.73	20.75	20.77		
10	64QAM	25	25	20.79	20.70	20.82	20.67	20.89		
10	64QAM	50	0	20.79	20.88	21.04	20.95	20.95		
Channel				39675	40148	40620	41093	41555	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.73	23.90	24.04	23.93	23.93	26	0
5	QPSK	1	12	23.78	23.64	23.98	23.90	23.85		
5	QPSK	1	24	23.71	23.87	23.95	23.85	23.88		
5	QPSK	12	0	22.98	22.90	22.98	22.98	22.87	24.5	1
5	QPSK	12	7	22.84	22.90	22.92	22.89	22.73		
5	QPSK	12	13	22.94	22.76	22.97	22.92	22.77		
5	QPSK	25	0	22.83	22.90	22.88	22.72	22.85	24.5	1
5	QPSK	25	0	22.95	22.81	23.00	22.87	22.91		
5	16QAM	1	0	22.82	22.71	22.77	22.71	22.78		
5	16QAM	1	24	22.77	22.92	22.93	22.83	22.75	23.5	2
5	16QAM	12	0	21.77	21.76	21.78	21.88	21.88		
5	16QAM	12	13	21.66	21.66	21.68	21.66	21.82		
5	16QAM	12	25	21.72	21.69	21.80	21.73	21.73	23.5	2
5	16QAM	25	0	21.83	21.65	21.91	21.82	21.68		
5	64QAM	1	0	21.90	21.94	22.09	22.01	22.01		
5	64QAM	1	12	21.99	21.81	22.02	21.89	21.93	23.5	2
5	64QAM	1	24	21.86	21.85	21.92	21.88	21.94		
5	64QAM	12	0	20.90	20.85	20.86	20.84	20.98		
5	64QAM	12	7	20.77	20.75	20.78	20.83	20.82	22.5	3
5	64QAM	12	13	20.87	20.87	20.87	20.87	20.89		
5	64QAM	25	0	20.88	20.96	21.03	20.98	20.91		

GSM850 Ant4 Default						
GSM850	Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	128	189	251	128	189	251
Frequency (MHz)	124.2	131.4	141.8	124.2	131.4	141.8
GSM 1 Tx slot	32.35	32.47	32.57	33.50	23.35	23.47
GPRS 1 Tx slot	32.38	32.51	32.58	33.50	23.38	23.51
GPRS 2 Tx slots	30.53	30.42	30.54	31.00	24.53	24.42
GPRS 3 Tx slots	28.46	28.49	28.31	28.50	24.19	24.23
GPRS 4 Tx slots	27.22	27.15	27.16	28.00	24.22	24.15
EDGE 1 Tx slot	26.88	26.93	26.91	28.00	17.88	17.93
EDGE 2 Tx slots	24.33	24.31	24.29	25.50	18.33	18.31
EDGE 3 Tx slots	22.32	22.22	22.17	24.00	18.06	17.91
EDGE 4 Tx slots	20.59	20.68	20.57	22.00	17.59	17.57

GSM1900 Ant4 Default						
GSM1900	Burst Average Power (dBm)			Frame-Average Power (dBm)		
TX Channel	512	861	810	512	861	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM 1 Tx slot	28.87	28.98	28.27	30.00	19.87	19.98
GPRS 1 Tx slot	28.91	28.00	29.31	30.00	19.91	20.00
GPRS 2 Tx slots	26.05	26.46	26.43	27.50	20.05	20.49
GPRS 3 Tx slots	24.17	24.23	24.59	25.00	19.91	19.97
GPRS 4 Tx slots	22.87	22.77	23.07	23.50	19.87	19.77
EDGE 1 Tx slot	25.33	25.36	25.73	26.00	16.33	16.36
EDGE 2 Tx slots	22.27	22.39	22.44	22.50	16.27	16.39
EDGE 3 Tx slots	20.44	20.46	20.42	20.50	16.18	16.20
EDGE 4 Tx slots	19.40	19.33	19.46	19.50	16.40	16.33

WCDMA II Ant4 Default				WCDMA IV Ant4 DSII				WCDMA V Ant4 Default			
Band		WCDMA II		Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V		
TX Channel		9262	9400		1312	1413	1513		4132	4182	4233
Rx Channel		9662	9800	9938	1537	1638	1738			4357	4407
Frequency (MHz)		1852.2	1869	1897.8	1712.4	1722.1	1732.2			4364	4374
3GPP Rel 99	AMR 12.2Kbps	23.59	23.70	23.60	21.69	21.79	21.76	23.00	23.53	23.66	23.71
3GPP Rel 99	RMC 12.2Kbps	23.65	23.71	23.64	21.81	21.93	21.69	23.00	23.58	23.73	23.72
3GPP Rel 6	HSDPA Subtest-1	22.53	22.72	22.66	20.67	20.72	20.76	22.00	22.65	22.62	22.60
3GPP Rel 6	HSDPA Subtest-2	22.57	22.63	22.52	20.66	20.82	20.62	22.00	22.65	22.79	22.50
3GPP Rel 6	HSDPA Subtest-3	22.10	22.25	22.21	23.50	20.18	20.19	20.28	21.50	22.01	22.21
3GPP Rel 6	HSDPA Subtest-4	22.10	22.21	22.09	23.50	20.16	20.28	20.17	21.50	22.06	22.17
3GPP Rel 8	DC-HSDPA Subtest-1	22.52	22.67	22.58	24.00	20.63	20.63	20.65	22.00	22.53	22.63
3GPP Rel 8	DC-HSDPA Subtest-2	22.48	22.52	22.56	24.00	20.61	20.68	20.69	22.00	22.50	22.54
3GPP Rel 8	DC-HSDPA Subtest-3	21.98	22.20	22.11	23.50	20.09	20.31	20.11	21.50	22.03	22.22
3GPP Rel 8	DC-HSDPA Subtest-4	21.93	22.05	21.96	23.50	20.01	20.19	20.08	21.50	21.95	22.15
3GPP Rel 6	HSUPA Subtest-1	22.46	22.56	22.53	24.00	20.55	20.60	20.59	22.00	22.41	22.52
3GPP Rel 6	HSUPA Subtest-2	20.58	20.73	20.64	22.00	18.67	18.85	18.76	20.00	20.52	20.72
3GPP Rel 6	HSUPA Subtest-3	21.71	21.82	21.70	23.00	19.74	19.78	19.75	21.00	21.65	21.82
3GPP Rel 6	HSUPA Subtest-4	20.51	20.63	20.54	22.00	18.61	18.84	18.53	20.00	20.51	20.69
3GPP Rel 6	HSUPA Subtest-5	22.53	22.61	22.52	24.00	20.54	20.75	20.52	22.00	22.53	22.61
3GPP Rel 7	HSUPA+HSDPA Subtest-1	20.13	20.22	20.14	21.50	18.28	18.31	18.15	19.50	20.13	20.24

Band 2 Default													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)					
Channel													
Frequency (MHz)													
20	QPSK	1	0	24.14	24.25	24.21			25.5	0			
20	QPSK	1	49	24.17	24.18	24.03							
20	QPSK	1	99	24.04	24.22	24.17							
20	QPSK	50	0	23.00	23.12	22.95			24.5	1			
20	QPSK	50	24	23.04	23.00	22.92							
20	QPSK	50	50	23.03	23.06	22.96							
20	QPSK	100	0	22.89	23.00	22.90			24.5	1			
20	16QAM	1	0	23.18	23.15	23.08							
20	16QAM	1	49	23.20	23.00	23.14							
20	16QAM	1	99	23.22	23.21	23.16			23.5	2			
20	16QAM	50	0	21.91	22.09	22.06							
20	16QAM	50	24	22.02	22.06	21.90							
20	16QAM	50	50	22.02	22.05	21.99			23.5	2			
20	16QAM	100	0	22.09	21.91	22.23							
20	64QAM	1	0	21.95	22.00	22.03			23.5	2			
20	64QAM	1	49	22.11	22.02	21.94							
20	64QAM	1	99	21.98	22.11	22.15			22.5	3			
20	64QAM	50	0	21.10	21.19	21.13							
20	64QAM	50	24	21.12	21.05	21.14							
20	64QAM	50	50	21.22	21.16	21.10			22.5	3			
20	64QAM	100	0	21.03	21.08	21.14							
Channel													
Frequency (MHz)													
15	QPSK	1	0	1857.5	1860.0	1910.5	Turn-up limit	MPR (dB)					
15	QPSK	1	0	24.01	24.20	24.13			25.5	0			
15	QPSK	1	37	24.10	23.99	24.00							
15	QPSK	1	74	23.90	24.16	24.14							
15	QPSK	36	0	22.83	23.05	22.92			24.5	1			
15	QPSK	36	20	22.94	22.87	22.77							
15	QPSK	36	39	22.85	22.97	22.90							
15	QPSK	75	0	22.67	22.87	22.79			24.5	1			
15	16QAM	1	0	23.05	23.12	22.93							
15	16QAM	1	37	23.11	22.96	23.02							
15	16QAM	1	74	23.05	23.18	23.07			23.5	2			
15	16QAM	36	0	21.71	22.05	21.85							
15	16QAM	36	20	21.85	21.89	21.80							
15	16QAM	36	39	21.86	22.01	21.85			23.5	2			
15	16QAM	75	0	21.88	21.75	22.05							
15	64QAM	1	37	21.93	21.96	21.81			23.5	2			
15	64QAM	1	74	21.89	22.03	22.00							
15	64QAM	36	0	21.03	20.99	21.01			22.5	3			
15	64QAM	36	20	20.91	20.98	21.05							
15	64QAM	36	39	21.18	21.12	20.96							
15	64QAM	75	0	20.90	21.01	20.96			22.5	3			
Channel													
Frequency (MHz)													
10	QPSK	1	0	23.99	24.05	24.01					25.5	0	
10	QPSK	1	25	24.12	24.02	23.98							
10	QPSK	1	49	23.92	24.16	23.96							
10	QPSK	25	0	22.82	23.05	22.73			24.5	1			
10	QPSK	25	12	22.92	22.85	22.79							
10	QPSK	25	25	22.89	22.85	22.79							
10	QPSK	50	0	22.70	22.81	22.75			24.5	1			
10	16QAM	1	0	23.15	22.99	22.90							
10	16QAM	1	25	23.02	22.81	22.95							
10	16QAM	1	49	23.16	23.15	23.12			23.5	2			
10	16QAM	25	0	21.96	21.97	21.99							
10	16QAM	25	12	22.00	21.86	21.73							
10	16QAM	25	25	21.91	21.97	21.97			23.5	2			
10	16QAM	50	0	21.92	21.81	22.06							
10	64QAM	1	0	21.90	21.91	21.89			23.5	2			
10	64QAM	1	25	21.92	21.98	21.74							
10	64QAM	1	49	21.92	22.01	21.96			22.5	3			
10	64QAM	25	0	20.93	21.00	20.94							
10	64QAM	25	12	21.09	20.97	20.97							
10	64QAM	25	25	21.17	21.10	20.88			22.5	3			
10	64QAM	50	0	20.81	20.87	21.03							
Channel													
Frequency (MHz)													
5	QPSK	1	0	23.97	24.19	24.01			25.5	0			
5	QPSK	1	12	24.14	24.09	24.00							
5	QPSK	1	24	23.93	24.17	24.11							
5	QPSK	12	0	22.90	23.05	22.85			24.5	1			
5	QPSK	12	7	22.98	22.90	22.84							
5	QPSK	12	13	22.86	23.03	22.89							
5	QPSK	25	0	22.81	22.86	22.80			24.5	1			
5	16QAM	1	0	22.97	22.97	22.92							
5	16QAM	1	12	23.01	22.83	22.98							
5	16QAM	1	24	23.20	23.18	23.14			23.5	2			
5	16QAM	12	0	21.77	21.88	21.89							
5	16QAM	12	7	21.89	21.94	21.78							
5	16QAM	12	13	21.90	21.90	21.89			23.5	2			
5	16QAM	25	0	21.94	21.83	22.08							
5	64QAM	1	0	21.76	21.84	21.82			23.5	2			
5	64QAM	1	12	22.07	21.89	21.79							
5	64QAM	1	24	21.90	21.93	21.99							
5	64QAM	12	0	21.01	21.09	20.91			22.5	3			
5	64QAM	12	7	21.04	20.90	21.09							
5	64QAM	12	13	21.09	20.94	21.08							
5	64QAM	25	0	20.97	21.02	21.01			22.5	3			
Channel													
Frequency (MHz)													
3	QPSK	1	0	23.94	24.08	24.00			25.5	0			
3	QPSK	1	8	24.13	24.03	23.96							
3	QPSK	1	14	23.97	24.06	23.95							
3	QPSK	8	0	22.95	23.07	22.78			24.5	1			
3	QPSK	8	4	23.00	22.82	22.86							
3	QPSK	8	7	22.82	22.95	22.88							
3	QPSK	15	0	22.78	22.95	22.84			24.5	1			
3	16QAM	1	0	23.01	23.08	22.92							
3	16QAM	1	8	23.06	22.84	22.92							
3	16QAM	1	14	23.04	23.17	23.08			23.5	2			
3	16QAM	8	0	21.87	21.95	21.97							
3	16QAM	8	4	21.98	22.00	21.69							
3	16QAM	8	7	21.89	21.96	21.81			23.5	2			
3	16QAM	15	0	21.89	21.74	22.13							
3	64QAM	1	0	21.80	21.79	21.97			23.5	2			
3	64QAM	1	8	22.04	21.88	21.85							
3	64QAM	1	14	21.85	21.96	22.02							
3	64QAM	8	0	20.94	21.14	20.96			22.5	3			
3	64QAM	8	4	21.09	20.96	21.11							
3	64QAM	8	7	21.12	21.08	21.11							
3	64QAM	15	0	20.92	20.99	21.10			22.5	3			
Channel													
Frequency (MHz)													
1.4	QPSK	1	0	24.07	24.19	24.06			25.5	0			
1.4	QPSK	1	3	24.01	24.08	23.91							
1.4	QPSK	1	5	23.95	24.02	23.99							
1.4	QPSK	3	0	24.12	24.20	24.05			24.5	1			
1.4	QPSK	3	1	24.06	24.01	23.93			24.5	1			
1.4	QPSK	3	3	23.97	24.00	23.99							
1.4	QPSK	6	0	22.86	22.93	22.82							
1.4	16QAM	1	0	22.63	22.66	22.62			24.5	1			
1.4	16QAM	1	3	22.63	22.64	22.77							
1.4	16QAM	1	5	22.69	22.81	22.83							
1.4	16QAM	3	0	23.08	22.95	22.92			23.5	2			
1.4	16QAM	3	3	23.17	22.88	23.04							
1.4	16QAM	3	5	23.06	23.04	23.11							
1.4	16QAM	6	0	22.84	21.95	21.99			23.5	2			
1.4	16QAM	6	3	22.99	22.91	22.91							
1.4	16QAM	1	3	22.03	21.88	21.85			23.5	2			
1.4	16QAM	1	5	22.04	21.88	22.12							
1.4	64QAM	3	0	21.74	21.92	21.95							
1.4	64QAM	3	1	21.82	21.96	21.82			23.5	2			
1.4	64QAM	3	3	21.95	21.92	21.81							
1.4	64QAM	3	5	22.01	21.95	22.02							
1.4	64QAM	6	0	20.94	21.15	20.93			22.5	3			

Band 13 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel 782									
Frequency (MHz)									
10	QPSK	1	0		24.24				
10	QPSK	1	25		24.05		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.17				
10	QPSK	25	12		22.98		24.5	1	
10	QPSK	25	25		22.99				
10	QPSK	50	0		23.06				
10	16QAM	1	0		23.18				
10	16QAM	1	25		23.07		24.5	1	
10	16QAM	1	49		23.04				
10	16QAM	25	0		22.06				
10	16QAM	25	12		22.07		23.5	2	
10	16QAM	25	25		22.18				
10	16QAM	50	0		22.11				
10	64QAM	1	0		22.34				
10	64QAM	1	25		22.45		23.5	2	
10	64QAM	1	49		22.43				
10	64QAM	25	0		21.32				
10	64QAM	25	12		21.23				
10	64QAM	25	25		21.43		22.5	3	
10	64QAM	50	0		21.28				
Channel 23205									
Frequency (MHz)									
5	QPSK	1	0	24.05	24.10	24.14			
5	QPSK	1	12	23.89	24.01	23.96	25.5	0	
5	QPSK	1	24	24.06	24.11	24.11			
5	QPSK	12	0	23.14	22.98	22.98			
5	QPSK	12	7	22.87	22.86	22.85	24.5	1	
5	QPSK	12	13	22.85	22.92	22.88			
5	QPSK	25	0	22.99	23.00	22.96			
5	16QAM	1	0	23.04	23.04	22.99			
5	16QAM	1	12	22.93	23.03	22.85	24.5	1	
5	16QAM	1	24	22.83	22.84	22.99			
5	16QAM	12	0	21.99	21.91	21.85			
5	16QAM	12	7	21.97	21.97	21.89	23.5	2	
5	16QAM	12	13	22.02	21.99	22.07			
5	16QAM	25	0	21.96	22.02	21.92			
5	64QAM	1	0	22.16	22.24	22.15			
5	64QAM	1	12	22.30	22.40	22.23	23.5	2	
5	64QAM	1	24	22.38	22.29	22.23			
5	64QAM	12	0	21.16	21.11	21.12			
5	64QAM	12	7	21.10	21.17	21.03	22.5	3	
5	64QAM	12	13	21.25	21.21	21.23			
5	64QAM	25	0	21.08	21.19	21.08			

Band 26 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel									
				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.06	24.28	24.12			
15	QPSK	1	37	24.03	24.19	24.04	25.5	0	
15	QPSK	1	74	24.09	24.07	24.17			
15	QPSK	36	0	23.06	23.18	23.16			
15	QPSK	36	20	23.14	23.13	23.08	24.5	1	
15	QPSK	36	39	23.08	22.98	23.06			
15	QPSK	75	0	23.15	23.16	23.01			
15	16QAM	1	0	23.19	23.33	23.15			
15	16QAM	1	37	23.13	23.28	23.31	24.5	1	
15	16QAM	1	74	23.23	23.27	23.14			
15	16QAM	36	0	22.08	22.24	22.21			
15	16QAM	36	20	22.07	22.33	22.02	23.5	2	
15	16QAM	36	39	22.05	22.20	22.12			
15	16QAM	75	0	22.19	22.37	22.18			
15	64QAM	1	0	22.05	22.12	22.06			
15	64QAM	1	37	22.13	22.08	22.10	23.5	2	
15	64QAM	1	74	22.12	22.10	22.07			
15	64QAM	36	0	21.13	21.16	20.95			
15	64QAM	36	20	21.17	21.27	21.12	22.5	3	
15	64QAM	36	39	21.12	21.19	21.16			
15	64QAM	75	0	21.12	21.20	21.13			
Channel									
				26740	26865	26965			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.02	24.12	23.96			
10	QPSK	1	25	23.99	24.11	23.94	25.5	0	
10	QPSK	1	49	23.88	23.92	23.99			
10	QPSK	25	0	23.03	22.97	22.99			
10	QPSK	25	12	22.98	22.94	23.03	24.5	1	
10	QPSK	25	25	22.90	22.81	22.93			
10	QPSK	50	0	23.09	23.14	22.98			
10	16QAM	1	0	23.00	23.24	22.99			
10	16QAM	1	25	22.94	23.22	23.29	24.5	1	
10	16QAM	1	49	23.14	23.21	22.96			
10	16QAM	25	0	21.92	22.13	22.13			
10	16QAM	25	12	22.04	22.18	21.96	23.5	2	
10	16QAM	25	25	21.99	22.12	21.99			
10	16QAM	50	0	22.08	22.32	22.00			
10	64QAM	1	0	21.99	22.01	21.91			
10	64QAM	1	25	22.10	21.90	22.04	23.5	2	
10	64QAM	1	49	22.05	21.93	22.02			
10	64QAM	25	0	20.93	20.98	20.75			
10	64QAM	25	12	20.97	21.14	20.95	22.5	3	
10	64QAM	25	25	21.04	21.03	21.09			
10	64QAM	50	0	20.95	21.13	21.01			
Channel									
				26715	26865	27015			
Frequency (MHz)				817	831	846.5			
5	QPSK	1	0	23.91	24.23	23.90			
5	QPSK	1	12	23.83	24.01	24.00	25.5	0	
5	QPSK	1	24	23.89	24.02	24.11			
5	QPSK	12	0	22.90	23.10	23.10			
5	QPSK	12	7	23.04	22.97	23.04	24.5	1	
5	QPSK	12	13	23.02	22.78	22.96			
5	QPSK	25	0	23.09	23.06	22.93			
5	16QAM	1	0	23.11	23.27	23.03			
5	16QAM	1	12	22.96	23.22	23.14	24.5	1	
5	16QAM	1	24	23.20	23.13	22.98			
5	16QAM	12	0	21.92	22.19	22.14			
5	16QAM	12	7	22.05	22.30	21.93	23.5	2	
5	16QAM	12	13	21.89	22.11	22.06			
5	16QAM	25	0	22.16	22.27	22.09			
5	64QAM	1	0	22.01	21.97	21.89			
5	64QAM	1	12	22.00	21.96	21.90	23.5	2	
5	64QAM	1	24	22.05	22.03	21.87			
5	64QAM	12	0	21.98	21.01	20.75			
5	64QAM	12	7	21.12	21.11	21.10	22.5	3	
5	64QAM	12	13	20.92	21.07	21.12			
5	64QAM	25	0	21.06	21.07	21.08			
Channel									
				26705	26885	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.84	24.12	24.00			
3	QPSK	1	8	23.82	24.00	24.00	25.5	0	
3	QPSK	1	14	24.07	23.92	24.05			
3	QPSK	8	0	23.02	23.04	23.13			
3	QPSK	8	4	22.93	23.05	22.87	24.5	1	
3	QPSK	8	7	23.01	22.87	23.03			
3	QPSK	15	0	23.04	23.11	22.86			
3	16QAM	1	0	23.03	23.24	23.11			
3	16QAM	1	8	23.11	23.10	23.22	24.5	1	
3	16QAM	1	14	23.15	23.13	23.11			
3	16QAM	8	0	22.01	22.08	22.13			
3	16QAM	8	4	21.85	22.14	21.85	23.5	2	
3	16QAM	8	7	21.84	22.08	21.92			
3	16QAM	15	0	22.13	22.21	22.12			
3	64QAM	1	0	22.02	22.02	21.91			
3	64QAM	1	8	21.94	21.94	22.03	23.5	2	
3	64QAM	1	14	21.98	21.91	21.89			
3	64QAM	8	0	21.02	21.00	20.78			
3	64QAM	8	4	21.10	21.06	21.00	22.5	3	
3	64QAM	8	7	20.92	20.98	21.08			
3	64QAM	15	0	21.06	21.04	21.07			
Channel									
				26697	26855	26955			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.88	24.16	24.04			
1.4	QPSK	1	3	24.01	24.01	24.00			
1.4	QPSK	1	5	24.04	23.99	24.07	25.5	0	
1.4	QPSK	3	0	23.89	24.17	24.06			
1.4	QPSK	3	1	23.84	24.03	23.85			
1.4	QPSK	3	3	23.90	23.95	24.14	24.5	1	
1.4	16QAM	1	0	22.94	23.00	22.97			
1.4	16QAM	1	3	22.86	22.92	22.96			
1.4	16QAM	1	5	23.04	22.96	22.86	24.5	1	
1.4	16QAM	3	0	23.06	23.30	22.98			
1.4	16QAM	3	1	22.91	23.21	23.12			
1.4	16QAM	3	3	23.17	23.22	23.09			
1.4	16QAM	6	0	21.98	22.06	22.01	23.5	2	
1.4	64QAM	1	0	21.95	22.23	21.95			
1.4	64QAM	1	3	22.02	22.00	22.02			
1.4	64QAM	1	5	22.12	22.07	22.12			
1.4	64QAM	3	0	21.99	22.27	21.96	23.5	2	
1.4	64QAM	3	1	22.10	21.93	21.89			
1.4	64QAM	3	3	21.94	21.95	22.00			
1.4	64QAM	6	0	20.97	20.96	20.75	22.5	3	

Band 38 Ant4 Default									
BW	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.07	24.25	24.21	25.5	0	
20	QPSK	1	49	24.23	24.18	24.12			
20	QPSK	1	99	24.03	24.11	24.20			
20	QPSK	50	0	23.27	23.34	23.30	24.5	1	
20	QPSK	50	24	23.09	23.11	23.13			
20	QPSK	50	50	23.14	23.26	23.23			
20	QPSK	100	0	23.20	23.32	23.29	24.5	1	
20	16QAM	1	0	23.10	23.29	23.21			
20	16QAM	1	49	23.11	23.31	23.14			
20	16QAM	1	99	23.16	23.23	23.24	23.5	2	
20	16QAM	50	0	22.48	22.48	22.28			
20	16QAM	50	24	22.43	22.52	22.39			
20	16QAM	50	50	22.33	22.43	22.41	23.5	2	
20	16QAM	100	0	22.44	22.42	22.21			
20	64QAM	1	0	22.14	22.36	22.28			
20	64QAM	1	49	22.29	22.31	22.33	22.5	3	
20	64QAM	1	99	22.21	22.30	22.21			
20	64QAM	50	0	21.11	21.30	21.22			
20	64QAM	50	24	21.28	21.22	21.30	22.5	3	
20	64QAM	50	50	21.27	21.31	21.13			
20	64QAM	100	0	21.44	21.45	21.24			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2677.5	2695	2612.5			
15	QPSK	1	0	23.93	24.18	24.07	25.5	0	
15	QPSK	1	37	24.11	24.01	23.95			
15	QPSK	1	74	23.88	23.93	24.12			
15	QPSK	36	0	23.21	23.12	23.19	24.5	1	
15	QPSK	36	20	23.01	22.97	23.03			
15	QPSK	36	39	22.95	23.07	23.09			
15	QPSK	75	0	23.17	23.30	23.24	24.5	1	
15	16QAM	1	0	22.97	23.11	23.18			
15	16QAM	1	37	22.92	23.22	23.11			
15	16QAM	1	74	23.12	23.17	23.06	23.5	2	
15	16QAM	36	0	22.31	22.45	22.20			
15	16QAM	36	20	22.27	22.35	22.23			
15	16QAM	36	39	22.18	22.40	22.38	23.5	2	
15	16QAM	75	0	22.40	22.24	22.09			
15	64QAM	1	0	22.06	22.33	22.08			
15	64QAM	1	37	22.39	22.19	22.22	22.5	3	
15	64QAM	1	74	22.13	22.10	21.99			
15	64QAM	36	0	20.93	21.22	21.04			
15	64QAM	36	20	21.21	21.10	21.19	22.5	3	
15	64QAM	36	39	21.17	21.19	21.04			
15	64QAM	75	0	21.35	21.38	21.08			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2675	2695	2615			
10	QPSK	1	0	24.01	24.22	24.13	25.5	0	
10	QPSK	1	25	24.12	24.07	23.94			
10	QPSK	1	49	23.90	24.00	23.99			
10	QPSK	25	0	23.11	23.10	23.20	24.5	1	
10	QPSK	25	12	23.04	22.95	23.09			
10	QPSK	25	25	23.08	23.15	23.01			
10	QPSK	50	0	22.99	23.29	23.15	24.5	1	
10	16QAM	1	0	23.04	23.22	23.18			
10	16QAM	1	25	23.08	23.23	23.08			
10	16QAM	1	49	22.98	23.20	23.04	23.5	2	
10	16QAM	25	0	22.42	22.30	22.24			
10	16QAM	25	12	22.27	22.41	22.20			
10	16QAM	25	25	22.16	22.26	22.19	23.5	2	
10	16QAM	50	0	22.27	22.39	22.07			
10	64QAM	1	0	22.10	22.28	22.06			
10	64QAM	1	25	22.08	22.28	22.28	22.5	3	
10	64QAM	1	49	22.18	22.19	22.03			
10	64QAM	25	0	21.06	21.24	21.10			
10	64QAM	25	12	21.25	21.02	21.12	22.5	3	
10	64QAM	25	25	21.10	21.11	21.06			
10	64QAM	50	0	21.24	21.33	21.11			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2672.5	2695	2617.5			
5	QPSK	1	0	23.90	24.18	24.17	25.5	0	
5	QPSK	1	12	24.10	24.01	23.97			
5	QPSK	1	24	23.94	24.03	24.07			
5	QPSK	12	0	23.15	23.31	23.26	24.5	1	
5	QPSK	12	7	23.00	22.89	22.96			
5	QPSK	12	13	23.07	23.15	23.13			
5	QPSK	25	0	22.98	23.21	23.28	24.5	1	
5	16QAM	1	0	22.93	23.22	23.04			
5	16QAM	1	12	22.92	23.10	22.97			
5	16QAM	1	24	23.00	23.09	23.21	23.5	2	
5	16QAM	12	0	22.45	22.45	22.11			
5	16QAM	12	7	22.32	22.44	22.29			
5	16QAM	12	13	22.21	22.30	22.34	23.5	2	
5	16QAM	25	0	22.33	22.32	22.00			
5	64QAM	1	0	22.01	22.32	22.23			
5	64QAM	1	12	22.17	22.21	22.23	22.5	3	
5	64QAM	1	24	22.10	22.23	22.11			
5	64QAM	12	0	20.93	21.28	21.19			
5	64QAM	12	7	21.20	21.15	21.12	22.5	3	
5	64QAM	12	13	21.20	21.13	21.05			
5	64QAM	25	0	21.42	21.29	21.17			

Band 41 Ant4 Default											
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low-Mid dle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.92	24.30	24.20	23.96	24.02	25.5	0	
20	QPSK	1	49	24.16	24.26	24.11	24.01	23.96			
20	QPSK	1	99	24.09	24.16	24.18	23.96	24.06			
20	QPSK	50	0	23.28	23.35	23.23	23.22	23.23	24.5	1	
20	QPSK	50	24	23.23	23.19	23.26	23.32	23.11			
20	QPSK	50	50	23.19	23.26	23.30	23.13	23.17			
20	QPSK	100	0	23.19	23.26	23.11	23.13	23.17	24.5	1	
20	16QAM	1	0	23.35	23.38	23.23	23.39	23.40			
20	16QAM	1	49	23.29	23.28	23.23	23.26	23.33			
20	16QAM	1	99	23.35	23.41	23.17	23.36	23.36	23.5	2	
20	16QAM	50	0	22.15	22.22	22.06	22.01	22.09			
20	16QAM	50	24	22.10	22.21	22.04	22.10	22.06			
20	16QAM	50	50	22.23	22.27	22.03	22.04	22.01	23.5	2	
20	16QAM	100	0	22.26	22.25	22.11	22.22	22.06			
20	64QAM	1	0	22.33	22.32	22.15	22.11	22.33			
20	64QAM	1	49	22.12	22.37	22.30	22.21	22.16	23.5	2	
20	64QAM	1	99	22.33	22.44	22.21	22.25	22.23			
20	64QAM	50	0	21.43	21.48	21.40	21.39	21.41			
20	64QAM	50	24	21.35	21.47	21.29	21.28	21.49	22.5	3	
20	64QAM	50	50	21.46	21.31	21.31	21.31	21.27			
20	64QAM	100	0	21.25	21.35	21.34	21.14	21.26			
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				26	26.5	26.93	27.36	27.8	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				25	25.5	25.93	26.36	26.8			
15	QPSK	1	0	23.90	24.13	24.07	23.82	23.93	26	0	
15	QPSK	1	37	23.95	24.20	23.90	23.83	23.91			
15	QPSK	1	74	24.02	24.03	23.98	23.75	24.03			
15	QPSK	36	0	23.09	23.23	23.20	23.06	23.16	24.5	1	
15	QPSK	36	20	23.04	23.21	23.12	23.28	23.08			
15	QPSK	36	39	22.99	23.10	23.13	23.03	23.11			
15	QPSK	75	0	23.15	23.17	22.98	22.95	22.99	24.5	1	
15	16QAM	1	0	23.13	23.34	23.06	23.17	23.37			
15	16QAM	1	37	23.15	23.21	23.09	23.08	23.14			
15	16QAM	1	74	23.23	23.34	23.13	23.22	23.15	23.5	2	
15	16QAM	36	0	21.97	22.18	21.87	21.94	21.88			
15	16QAM	36	20	22.08	22.04	21.85	21.99	22.03			
15	16QAM	36	39	22.12	22.19	21.86	21.95	21.82	22.5	3	
15	16QAM	75	0	22.21	22.07	21.95	22.14	21.96			
15	64QAM	1	0	22.15	22.21	22.05	22.05	22.12			
15	64QAM	1	37	21.91	22.31	22.05	22.22	22.07	22.5	2	
15	64QAM	1	74	22.21	22.39	22.10	22.13	22.12			
15	64QAM	36	0	21.27	21.38	21.28	21.28	21.23			
15	64QAM	36	20	21.30	21.44	21.21	21.16	21.42	22.5	3	
15	64QAM	36	39	21.31	21.43	21.10	21.17	21.22			
15	64QAM	75	0	21.16	21.32	21.21	21.09	21.19			
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				25001	2547	2593	2639	2685	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				24	24.2	24.4	23.90	23.88			
10	QPSK	1	0	23.72	24.20	24.14	23.90	23.88	26	0	
10	QPSK	1	25	24.09	24.09	23.89	23.83	23.77			
10	QPSK	1	49	23.89	24.08	23.89	23.73	23.84			
10	QPSK	25	0	23.22	23.24	23.20	23.00	23.06	24.5	1	
10	QPSK	25	12	23.06	23.11	23.12	23.14	22.89			
10	QPSK	25	25	23.12	23.19	23.14	22.91	23.14			
10	QPSK	50	0	22.99	23.23	22.96	23.07	23.09	24.5	1	
10	16QAM	1	0	23.13	23.31	23.06	23.17	23.39			
10	16QAM	1	26	23.22	23.12	23.06	23.12	23.15			
10	16QAM	1	49	23.28	23.23	23.12	23.21	23.19	23.5	2	
10	16QAM	25	0	22.03	22.13	22.04	21.87	21.88			
10	16QAM	25	12	21.94	22.18	21.94	22.03	21.97			
10	16QAM	25	25	22.15	22.15	21.97	21.86	21.97	22.5	3	
10	16QAM	50	0	22.20	22.07	21.92	22.12	21.91			
10	64QAM	1	0	22.25	22.26	22.07	22.00	22.13			
10	64QAM	1	25	21.99	22.32	22.22	22.12	21.99	23.5	2	
10	64QAM	1	49	22.30	22.32	22.09	22.22	22.07			
10	64QAM	12	0	21.32	21.41	21.24	21.18	21.39			
10	64QAM	25	12	21.14	21.41	21.11	21.17	21.44	22.5	3	
10	64QAM	25	25	21.28	21.43	21.18	21.14	21.13			
10	64QAM	50	0	21.15	21.30	21.30	21.08	21.19			
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2488.5	2545.8	2593	2640.30	2687.5	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				24	24.8	24.8	23.80	23.99			
5	QPSK	1	0	23.80	24.20	24.08	23.93	23.90	26	0	
5	QPSK	1	24	23.90	24.11	23.97	23.75	23.99			
5	QPSK	12	0	23.17	23.11	23.17	23.17	23.06			
5	QPSK	12	7	23.13	23.11	23.17	23.17	23.03	24.5	1	
5	QPSK	12	13	23.11	23.20	23.13	23.03	23.26			
5	QPSK	15	0	23.06	23.11	22.96	23.09	23.13			
5	16QAM	1	0	23.22	23.28	23.20	23.30	23.34	24.5	1	
5	16QAM	1	12	23.08	23.13	23.07	23.11	23.20			
5	16QAM	1	24	23.23	23.33	23.07	23.33	23.23			
5	16QAM	12	0	22.01	22.09	21.94	21.94	21.98	23.5	2	
5	16QAM	12	7	22.03	22.01	21.95	21.95	21.85			
5	16QAM	12	13	22.04	22.12	21.89	21.83	21.96			
5	16QAM	25	0	22.17	22.08	22.01	22.11	21.90	23.5	2	
5	64QAM	1	0	22.13	22.09	22.02	21.97	22.12			
5	64QAM	1	12	22.04	22.15	22.08	22.07	22.07			
5	64QAM	1	24	22.23	22.31	22.15	22.21	22.17	22.5	3	
5	64QAM	12	0	21.31	21.30	21.32	21.32	21.31			
5	64QAM	12	7	21.17	21.35	21.13	21.14	21.35			
5	64QAM	12	13	21.41	21.32	21.22	20.98	21.18	22.5	3	
5	64QAM	25	0	21.18	21.22	21.22	20.98	21.06			

Reduced Power Mode for DSIS

GSM850 Ant1 DSIS									
GSM850		Burst Average Power (dBm)			Frame-Average Power (dBm)				
TX Channel		126	180	251	Tune-up Limit	126	180	251	Tune-up Limit
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8		
GSM 1 Tx slot		28.05	27.88	27.84	29.00	19.05	18.88	18.84	20.00
GPRS 1 Tx slot		28.10	27.91	27.89	29.00	19.10	18.91	18.89	20.00
GPRS 2 Tx slots		25.15	25.19	25.18	26.00	19.15	19.19	19.18	20.00
GPRS 3 Tx slots		22.40	22.62	22.54	24.00	18.14	18.36	18.28	19.00
GPRS 4 Tx slots		21.49	21.52	21.56	23.00	18.49	18.52	18.56	20.00
EDGE 1 Tx slot		21.92	22.04	21.92	23.50	12.92	13.04	12.92	14.50
EDGE 3 Tx slots		19.47	19.65	19.59	20.50	13.47	13.65	13.59	14.50
EDGE 3 Tx slots		17.99	17.79	17.88	18.50	13.73	13.53	13.62	14.50
EDGE 4 Tx slots		16.19	16.14	16.15	17.50	13.19	13.14	13.15	14.50

GSM1900		GSM1900 Ant DSIS							
TX Channel		Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
	Limit	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1852.2	1860	1869.8	1879.6	1852.2	1860	1869.8	1879.6	
GSM 1 Tx slot	28.01	28.29	28.22	29.50	19.01	19.29	19.22	20.50	
GPRS 1 Tx slot	28.05	28.31	28.29	29.50	19.05	19.31	19.29	20.50	
GPRS 2 Tx slots	25.55	25.97	25.81	27.00	19.55	19.97	19.81	21.00	
GPRS 3 Tx slots	23.87	23.88	23.92	24.50	19.41	19.62	19.66	20.24	
GPRS 4 Tx slots	22.37	22.61	22.66	23.00	19.37	19.61	19.66	20.00	
EDGE 1 Tx slot	24.52	24.33	24.64	25.50	15.52	15.33	15.64	16.50	
EDGE 2 Tx slots	21.54	21.21	21.59	22.00	15.54	15.21	15.59	16.00	
EDGE 3 Tx slots	19.46	19.12	19.48	20.00	15.26	14.86	15.23	15.74	
EDGE 4 Tx slots	18.56	18.41	18.45	19.00	15.06	15.41	15.45	16.00	

	WCDMA # Ant1 DSIS				WCDMA IV Ant1 DSIS				WCDMA V Ant1 Default							
	Band	WCDMA #		Tune-up Limit (dBm)	WCDMA IV		Tune-up Limit (dBm)	WCDMA V		Tune-up Limit (dBm)						
	Rx Channel	9262	9400		9538	1312		1413	1513		4132	4182	4233			
	Frequency (MHz)	9602	9600	9698	1527	1608	1708	826.4	836.4	846.6	826.4	836.4	846.6	826.4	836.4	846.6
3GPP Rel 99	AMR 12.2kbps	21.17	21.32	21.25	22.50	21.24	21.32	21.20	22.50	23.55	23.68	23.61	25.00			
3GPP Rel 99	RMC 12.2kbps	21.24	21.38	21.28	22.50	21.42	21.43	21.36	22.50	23.96	23.69	23.65	25.00			
3GPP Rel 6	HSDPA Subtest-1	20.16	20.26	20.21	21.50	20.25	20.40	20.35	21.50	22.68	22.75	22.71	24.00			
3GPP Rel 6	HSDPA Subtest-2	20.19	20.22	20.14	21.50	20.27	20.30	20.24	21.50	22.63	22.66	22.66	24.00			
3GPP Rel 6	HSDPA Subtest-3	19.67	19.77	19.72	21.00	19.77	19.96	19.81	21.00	22.15	22.19	22.19	23.50			
3GPP Rel 6	HSDPA Subtest-4	19.56	19.76	19.65	21.00	19.72	19.89	19.75	21.00	22.12	22.21	22.21	23.50			
3GPP Rel 8	DC-HSDPA Subtest-1	20.08	20.16	20.20	21.50	20.25	20.28	20.26	21.50	22.63	22.68	22.66	24.00			
3GPP Rel 8	DC-HSDPA Subtest-2	20.09	20.14	20.13	21.50	20.20	20.25	20.26	21.50	22.54	22.58	22.53	24.00			
3GPP Rel 8	DC-HSDPA Subtest-3	19.56	19.77	19.59	21.00	19.73	19.79	19.75	21.00	22.02	22.19	22.03	23.50			
3GPP Rel 8	DC-HSDPA Subtest-4	19.57	19.68	19.59	21.00	19.72	19.73	19.74	21.00	22.00	22.14	22.04	23.50			
3GPP Rel 6	HSUPA Subtest-1	20.09	20.10	20.12	21.50	20.17	20.30	20.18	21.50	22.49	22.62	22.60	24.00			
3GPP Rel 6	HSUPA Subtest-2	18.19	18.27	18.28	19.50	18.33	18.42	18.25	19.50	20.69	20.77	20.61	22.00			
3GPP Rel 6	HSUPA Subtest-3	19.32	19.39	19.29	20.50	19.34	19.43	19.40	20.50	21.72	21.73	21.75	23.00			
3GPP Rel 6	HSUPA Subtest-4	18.04	18.19	18.10	19.50	18.14	18.30	18.27	19.50	20.59	20.69	20.60	22.00			
3GPP Rel 6	HSUPA Subtest-5	20.05	20.11	20.03	21.50	20.19	20.28	20.17	21.50	22.59	22.63	22.64	24.00			
3GPP Rel 7	HSPA+ (HSPA) Subtest-1	17.66	17.80	17.69	18.00	17.62	18.01	17.96	18.00	20.16	20.36	20.20	21.50			



Band 2 Ant1 DSI5														
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	21.60	21.60	21.60			23	0				
20	QPSK	1	49	21.50	21.63	21.45								
20	QPSK	1	99	21.60	21.66	21.42								
20	QPSK	50	0	21.55	21.72	21.50			23	0				
20	QPSK	50	24	21.51	21.69	21.40								
20	QPSK	50	50	21.52	21.70	21.42								
20	QPSK	100	0	21.54	21.70	21.46			23	0				
20	16QAM	1	0	21.51	21.68	21.45								
20	16QAM	1	49	21.59	21.66	21.43								
20	16QAM	1	99	21.51	21.72	21.43			23	0				
20	16QAM	50	0	21.54	21.65	21.50								
20	16QAM	50	24	21.51	21.65	21.41								
20	16QAM	50	50	21.55	21.62	21.46			23	0				
20	16QAM	100	0	21.57	21.67	21.46								
20	64QAM	1	0	21.50	21.65	21.45								
20	64QAM	1	49	21.58	21.65	21.44			23	0				
20	64QAM	1	99	21.53	21.62	21.42								
20	64QAM	50	0	20.97	21.11	20.99								
20	64QAM	50	24	20.93	21.00	20.91			22.5	0.5				
20	64QAM	50	50	20.90	21.03	20.89								
20	64QAM	100	0	20.80	20.90	20.84								
Channel														
				18675	18900	19125	Tune- up limit	MPR (dB)						
Frequency (MHz)														
15	QPSK	1	0	21.46	21.63	21.38			23	0				
15	QPSK	1	37	21.34	21.52	21.30								
15	QPSK	1	74	21.50	21.54	21.34								
15	QPSK	36	0	21.50	21.60	21.43			23	0				
15	QPSK	36	20	21.47	21.53	21.31								
15	QPSK	36	39	21.42	21.56	21.33								
15	QPSK	75	0	21.46	21.60	21.31			23	0				
15	16QAM	1	0	21.46	21.52	21.34								
15	16QAM	1	37	21.47	21.53	21.33								
15	16QAM	1	74	21.38	21.66	21.30			23	0				
15	16QAM	36	0	21.47	21.54	21.39								
15	16QAM	36	20	21.39	21.56	21.26								
15	16QAM	36	39	21.47	21.53	21.31			23	0				
15	16QAM	75	0	21.41	21.53	21.36								
15	64QAM	1	0	21.41	21.58	21.32								
15	64QAM	1	37	21.52	21.60	21.32			23	0				
15	64QAM	1	74	21.47	21.53	21.36								
15	64QAM	36	0	20.86	21.02	20.85								
15	64QAM	36	20	20.77	20.86	20.83			22.5	0.5				
15	64QAM	36	39	20.80	20.90	20.76								
15	64QAM	75	0	20.76	20.76	20.71								
Channel														
				18660	18900	19150	Tune- up limit	MPR (dB)						
Frequency (MHz)														
10	QPSK	1	0	21.55	21.67	21.44			23	0				
10	QPSK	1	25	21.34	21.49	21.33								
10	QPSK	1	49	21.52	21.52	21.30								
10	QPSK	25	0	21.41	21.60	21.40			23	0				
10	QPSK	25	12	21.47	21.63	21.35								
10	QPSK	25	25	21.38	21.55	21.33								
10	QPSK	50	0	21.45	21.58	21.35			23	0				
10	16QAM	1	0	21.40	21.55	21.29								
10	16QAM	1	25	21.46	21.54	21.33								
10	16QAM	1	49	21.44	21.62	21.33			23	0				
10	16QAM	25	0	21.49	21.52	21.36								
10	16QAM	25	12	21.45	21.50	21.27								
10	16QAM	25	25	21.47	21.47	21.30			23	0				
10	16QAM	50	0	21.49	21.57	21.38								
10	64QAM	1	0	21.44	21.59	21.35								
10	64QAM	1	25	21.42	21.60	21.39			23	0				
10	64QAM	1	49	21.48	21.52	21.26								
10	64QAM	25	0	20.82	20.99	20.87								
10	64QAM	25	12	20.87	20.93	20.76			22.5	0.5				
10	64QAM	25	12	20.87	20.93	20.76								
10	64QAM	25	25	20.78	20.80	20.74								
Channel														
				18625	18900	19175	Tune- up limit	MPR (dB)						
Frequency (MHz)														
5	QPSK	1	0	21.47	21.61	21.34			23	0				
5	QPSK	1	12	21.37	21.47	21.39								
5	QPSK	1	24	21.50	21.50	21.29								
5	QPSK	12	0	21.40	21.57	21.39			23	0				
5	QPSK	12	7	21.44	21.63	21.27								
5	QPSK	12	13	21.37	21.61	21.36								
5	QPSK	25	0	21.41	21.65	21.35			23	0				
5	16QAM	1	0	21.44	21.58	21.29								
5	16QAM	1	12	21.54	21.57	21.37								
5	16QAM	1	24	21.38	21.67	21.35			23	0				
5	16QAM	12	0	21.49	21.58	21.37								
5	16QAM	12	7	21.39	21.59	21.33								
5	16QAM	12	13	21.41	21.54	21.40			23	0				
5	16QAM	25	0	21.47	21.61	21.31								
5	64QAM	1	0	21.34	21.50	21.32								
5	64QAM	1	12	21.50	21.60	21.35			23	0				
5	64QAM	1	24	21.38	21.67	21.35								
5	64QAM	12	0	20.84	21.01	20.80								
5	64QAM	12	7	20.79	20.93	20.77			22.5	0.5				
5	64QAM	12	13	20.86	20.96	20.77								
5	64QAM	25	0	20.64	20.80	20.79								
Channel														
				18605	18900	19175	Tune- up limit	MPR (dB)						
Frequency (MHz)														
3	QPSK	1	0	21.45	21.59	21.37			23	0				
3	QPSK	1	8	21.37	21.59	21.41								
3	QPSK	1	14	21.49	21.60	21.28								
3	QPSK	8	0	21.48	21.62	21.41			23	0				
3	QPSK	8	4	21.35	21.67	21.28								
3	QPSK	8	7	21.45	21.61	21.35								
3	QPSK	15	0	21.39	21.60	21.34			23	0				
3	16QAM	1	0	21.46	21.52	21.37								
3	16QAM	1	8	21.50	21.51	21.37								
3	16QAM	1	14	21.39	21.66	21.37			23	0				
3	16QAM	8	0	21.41	21.52	21.45								
3	16QAM	8	4	21.38	21.55	21.26								
3	16QAM	8	7	21.42	21.56	21.38			23	0				
3	16QAM	15	0	21.53	21.54	21.39								
3	64QAM	1	0	21.36	21.51	21.33								
3	64QAM	1	8	21.46	21.55	21.39			23	0				
3	64QAM	1	14	21.44	21.54	21.37								
3	64QAM	8	0	20.87	20.99	20.84								
3	64QAM	8	4	20.85	20.86	20.76			22.5	0.5				
3	64QAM	8	7	20.74	20.99	20.75								
3	64QAM	15	0	20.74	20.79	20.74								
Channel														
				18607	18900	19193	Tune- up limit	MPR (dB)						
Frequency (MHz)														
1.4	QPSK	1	0	21.47	21.69	21.37			23	0				
1.4	QPSK	1	3	21.40	21.64	21.32								
1.4	QPSK	1	5	21.45	21.57	21.33								
1.4	QPSK	3	0	21.45	21.67	21.39			23	0				
1.4	QPSK	3	1	21.44	21.55	21.27								
1.4	QPSK	3	3	21.44	21.58	21.36								
1.4	QPSK	6	0	21.40	21.55	21.30			23	0				
1.4	16QAM	1	0	21.37	21.53	21.39								
1.4	16QAM	1	3	21.49	21.53	21.30								
1.4	16QAM	1	5	21.46	21.58	21.31			23	0				
1.4	16QAM	3	0	21.44	21.54	21.35								
1.4	16QAM	3	1	21.44	21.51	21.29								
1.4	16QAM	3	3	21.48	21.58	21.41			23	0				
1.4	16QAM	6	0	21.48	21.52	21.32								
1.4	64QAM	1	0	21.38	21.51	21.40								
1.4	64QAM	1	3	21.45	21.50	21.40			23	0				
1.4	64QAM	1	5	21.40	21.52	21.31								
1.4	64QAM	3	0	21.02	21.14	21.05								
1.4	64QAM	3	1	21.02	21.12	21.01			22.5	0.5				
1.4	64QAM	6	0	20.94	20.98	21.00								

Band 13 Ant1 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel 23250									
Frequency (MHz)									
10	QPSK	1	0		24.34				
10	QPSK	1	25		24.31		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.31				
10	QPSK	25	12		23.16		24.5	1	
10	QPSK	25	25		23.27				
10	QPSK	50	0		23.32				
10	16QAM	1	0		23.31				
10	16QAM	1	25		23.18		24.5	1	
10	16QAM	1	49		23.28				
10	16QAM	25	0		22.31				
10	16QAM	25	12		22.17		23.5	2	
10	16QAM	25	25		22.26				
10	16QAM	50	0		22.36				
10	64QAM	1	0		22.23				
10	64QAM	1	25		22.10		23.5	2	
10	64QAM	1	49		22.20				
10	64QAM	25	0		21.37				
10	64QAM	25	12		21.31		22.5	3	
10	64QAM	25	25		21.26				
10	64QAM	50	0		21.29				
Channel 23250									
Frequency (MHz)									
5	QPSK	1	0	24.15	24.19	24.13			
5	QPSK	1	12	24.20	24.14	24.13			
5	QPSK	1	24	24.08	24.19	24.07		25.5	0
5	QPSK	12	0	23.24	23.13	23.27			
5	QPSK	12	7	22.97	23.10	23.07			
5	QPSK	12	13	23.21	23.18	23.24	24.5	1	
5	QPSK	25	0	23.19	23.10	23.28			
5	16QAM	1	0	23.12	23.12	23.27			
5	16QAM	1	12	22.98	23.15	23.15	24.5	1	
5	16QAM	1	24	23.23	23.21	23.12			
5	16QAM	12	0	22.14	22.10	22.20			
5	16QAM	12	7	22.14	22.11	21.99	23.5	2	
5	16QAM	12	13	22.16	22.22	22.12			
5	16QAM	25	0	22.31	22.30	22.31			
5	64QAM	1	0	22.02	22.06	22.20			
5	64QAM	1	12	21.96	22.03	21.96	23.5	2	
5	64QAM	1	24	22.15	22.04	22.11			
5	64QAM	12	0	21.24	21.29	21.32			
5	64QAM	12	7	21.22	21.09	21.21	22.5	3	
5	64QAM	12	13	21.09	21.14	21.12			
5	64QAM	25	0	21.23	21.23	21.19			

Band 26 Ant1 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel 26765									
Frequency (MHz)									
15	QPSK	1	0	24.02	24.24	24.19			
15	QPSK	1	37	23.92	24.29	24.14	25.5	0	
15	QPSK	1	74	23.97	24.28	24.08			
15	QPSK	36	0	22.98	23.11	23.06			
15	QPSK	36	20	22.87	23.00	23.00	24.5	1	
15	QPSK	36	39	22.86	22.97	23.01			
15	QPSK	75	0	23.01	23.15	23.14			
15	16QAM	1	0	22.02	22.17	22.11			
15	16QAM	1	37	22.87	23.03	23.06	24.5	1	
15	16QAM	1	74	22.93	23.08	23.04			
15	16QAM	36	0	22.02	22.20	22.00			
15	16QAM	36	20	21.91	22.12	21.95	23.5	2	
15	16QAM	36	39	21.94	22.16	21.96			
15	16QAM	75	0	21.87	22.17	22.02			
15	64QAM	1	0	22.02	22.12	22.13			
15	64QAM	1	37	21.92	22.00	22.02	23.5	2	
15	64QAM	1	74	21.99	22.04	22.05			
15	64QAM	36	0	20.83	21.06	20.83			
15	64QAM	36	20	20.78	20.94	20.85	22.5	3	
15	64QAM	36	39	20.69	21.04	20.90			
15	64QAM	75	0	20.88	21.08	21.08			
Channel 26760									
Frequency (MHz)									
10	QPSK	1	0	23.86	24.38	23.98			
10	QPSK	1	25	23.90	24.24	23.92	25.5	0	
10	QPSK	1	49	23.89	24.10	23.92			
10	QPSK	25	0	22.89	22.98	23.00			
10	QPSK	25	12	22.67	22.85	22.82	24.5	1	
10	QPSK	25	25	22.81	22.85	22.79			
10	QPSK	50	0	22.92	23.11	23.11			
10	16QAM	1	0	22.84	22.95	22.92			
10	16QAM	1	25	22.72	22.82	22.87	24.5	1	
10	16QAM	1	49	22.89	22.93	22.94			
10	16QAM	25	0	21.83	22.15	21.96			
10	16QAM	25	12	21.70	22.10	21.91	23.5	2	
10	16QAM	25	25	21.78	22.11	21.85			
10	16QAM	50	0	21.80	22.09	21.98			
10	64QAM	1	0	21.91	22.08	21.94			
10	64QAM	1	25	21.89	21.85	21.90	23.5	2	
10	64QAM	1	49	21.78	22.02	21.83			
10	64QAM	25	0	20.75	21.04	20.82			
10	64QAM	25	12	20.68	20.92	20.80	22.5	3	
10	64QAM	25	25	20.68	20.86	20.73			
10	64QAM	50	0	20.80	20.90	20.95			
Channel 26765									
Frequency (MHz)									
5	QPSK	1	0	23.82	24.26	24.13			
5	QPSK	1	12	23.81	24.26	24.08	25.5	0	
5	QPSK	1	24	23.83	24.15	23.93			
5	QPSK	12	0	22.95	23.03	22.91			
5	QPSK	12	7	22.80	22.88	22.90	24.5	1	
5	QPSK	12	13	22.78	22.83	22.86			
5	QPSK	25	0	22.88	23.04	22.99			
5	16QAM	1	0	22.85	23.01	22.91			
5	16QAM	1	12	22.66	22.93	23.00	24.5	1	
5	16QAM	1	24	22.82	22.87	23.00			
5	16QAM	12	0	21.96	22.02	21.80			
5	16QAM	12	7	21.74	21.93	21.84	23.5	2	
5	16QAM	12	13	21.90	21.96	21.83			
5	16QAM	25	0	21.82	22.03	21.88			
5	64QAM	1	0	21.85	21.98	21.91			
5	64QAM	1	12	21.86	21.95	21.98	23.5	2	
5	64QAM	1	24	21.82	21.84	22.02			
5	64QAM	12	0	20.81	20.86	20.85			
5	64QAM	12	7	20.69	20.75	20.75	22.5	3	
5	64QAM	12	13	20.65	20.88	20.84			
5	64QAM	25	0	20.73	20.99	20.98			
Channel 26870									
Frequency (MHz)									
3	QPSK	1	0	23.91	24.32	24.00	25.5	0	
3	QPSK	1	8	23.83	24.25	24.04			
3	QPSK	1	14	23.88	24.17	23.91			
3	QPSK	8	0	22.77	22.99	22.85			
3	QPSK	8	4	22.78	22.87	22.80	24.5	1	
3	QPSK	8	7	22.81	22.88	22.81			
3	QPSK	15	0	22.98	23.01	23.06			
3	16QAM	1	0	23.00	23.06	23.05			
3	16QAM	1	8	22.81	22.89	22.91	24.5	1	
3	16QAM	1	14	22.78	23.05	22.92			
3	16QAM	8	0	21.90	22.02	21.96			
3	16QAM	8	4	21.79	21.91	21.83	23.5	2	
3	16QAM	8	7	21.76	22.11	21.83			
3	16QAM	15	0	21.70	21.96	21.87			
3	64QAM	1	0	21.87	22.06	22.11			
3	64QAM	1	8	21.85	21.87	21.82	23.5	2	
3	64QAM	1	14	21.80	22.02	21.85			
3	64QAM	8	0	20.81	21.03	20.90			
3	64QAM	8	4	20.67	20.82	20.65	22.5	3	
3	64QAM	8	7	20.47	20.96	20.75			
3	64QAM	15	0	20.78	21.02	20.98			
Channel 26875									
Frequency (MHz)									
1.4	QPSK	1	0	23.93	24.26	23.99			
1.4	QPSK	1	3	23.74	24.09	23.94	25.5	0	
1.4	QPSK	1	5	23.92	24.10	24.02			
1.4	QPSK	3	0	23.95	24.29	24.03			
1.4	QPSK	3	1	23.77	24.16	23.86			
1.4	QPSK	3	3	23.91	24.25	24.05			
1.4	QPSK	6	0	22.78	23.05	22.99	24.5	1	
1.4	16QAM	1	0	22.65	22.90	22.83			
1.4	16QAM	1	3	22.71	22.76	22.82			
1.4	16QAM	1	5	22.82	22.97	22.97	24.5	1	
1.4	16QAM	3	0	22.80	23.01	22.97			
1.4	16QAM	3	1	22.82	22.86	22.94			
1.4	16QAM	3	3	22.77	22.99	22.87			
1.4	16QAM	6	0	21.85	22.08	21.87	23.5	2	
1.4	64QAM	1	0	21.79	21.93	21.81			
1.4	64QAM	1	3	21.89	22.05	21.94			
1.4	64QAM	1	5	21.77	22.03	21.98			
1.4	64QAM	3	0	21.83	22.05	21.98	23.5	2	
1.4	64QAM	3	1	21.71	21.86	21.80			
1.4	64QAM	3	3	21.91	21.86	21.87			
1.4	64QAM	6	0	20.72	20.92	20.87	22.5	3	

Band 38 Ant1 DSI5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	24	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.34	22.53	22.37			
20	QPSK	1	49	22.45	22.50	22.41	24	0	
20	QPSK	1	99	22.35	22.45	22.44			
20	QPSK	50	0	22.33	22.50	22.37			
20	QPSK	50	24	22.36	22.47	22.34	24	0	
20	QPSK	50	50	22.34	22.44	22.45			
20	QPSK	100	0	22.30	22.46	22.40			
20	16QAM	1	0	22.27	22.48	22.36	24	0	
20	16QAM	1	49	22.30	22.41	22.44			
20	16QAM	1	99	22.34	22.45	22.36			
20	16QAM	50	0	21.54	21.66	21.56	23	1	
20	16QAM	50	24	21.56	21.46	21.45			
20	16QAM	50	50	21.53	21.54	21.53			
20	16QAM	100	0	21.46	21.66	21.55	23	1	
20	64QAM	1	0	21.67	21.67	21.71			
20	64QAM	1	49	21.52	21.68	21.62			
20	64QAM	1	99	21.32	21.46	21.56	22	2	
20	64QAM	50	0	21.10	21.20	21.15			
20	64QAM	50	24	21.01	21.09	21.09			
20	64QAM	50	50	20.99	21.12	21.08	22	2	
20	64QAM	100	0	21.07	21.19	21.10			
Channel				37825	38000	38175	24	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.33	22.45	22.30			
15	QPSK	1	37	22.36	22.37	22.34	24	0	
15	QPSK	1	74	22.23	22.23	22.35			
15	QPSK	36	0	22.35	22.43	22.35	24	0	
15	QPSK	36	20	22.30	22.37	22.21			
15	QPSK	36	39	22.26	22.31	22.38			
15	QPSK	75	0	22.22	22.33	22.36	24	0	
15	16QAM	1	0	22.14	22.37	22.37			
15	16QAM	1	37	22.13	22.42	22.35			
15	16QAM	1	74	22.22	22.23	22.27	23	1	
15	16QAM	36	0	21.43	21.55	21.43			
15	16QAM	36	20	21.43	21.35	21.42			
15	16QAM	36	39	21.44	21.51	21.35	23	1	
15	16QAM	75	0	21.32	21.55	21.45			
15	64QAM	1	0	21.46	21.62	21.57			
15	64QAM	1	37	21.37	21.58	21.41	22	2	
15	64QAM	1	74	21.33	21.43	21.42			
15	64QAM	36	0	21.03	21.10	21.01			
15	64QAM	36	20	20.96	21.00	20.94	22	2	
15	64QAM	36	39	20.91	21.00	20.99			
15	64QAM	75	0	21.03	21.14	21.00			
Channel				37800	38000	38200	24	0	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.34	22.41	22.24			
10	QPSK	1	25	22.24	22.39	22.32	24	0	
10	QPSK	1	49	22.19	22.26	22.42			
10	QPSK	25	0	22.37	22.32	22.29	24	0	
10	QPSK	25	12	22.25	22.43	22.26			
10	QPSK	25	25	22.37	22.34	22.40			
10	QPSK	50	0	22.13	22.29	22.31	24	0	
10	16QAM	1	0	22.28	22.37	22.32			
10	16QAM	1	25	22.20	22.44	22.29			
10	16QAM	1	49	22.27	22.34	22.32	23	1	
10	16QAM	25	0	21.51	21.55	21.50			
10	16QAM	25	12	21.44	21.36	21.34			
10	16QAM	25	25	21.35	21.51	21.34	23	1	
10	16QAM	50	0	21.34	21.55	21.54			
10	64QAM	1	0	21.42	21.61	21.58			
10	64QAM	1	25	21.51	21.49	21.47	22	2	
10	64QAM	1	49	21.26	21.46	21.47			
10	64QAM	25	0	21.03	21.09	21.08			
10	64QAM	25	12	20.95	21.03	21.01	22	2	
10	64QAM	25	25	20.92	21.04	20.96			
10	64QAM	50	0	20.94	21.04	21.00			
Channel				37775	38000	38225	24	0	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.32	22.46	22.49			
5	QPSK	1	12	22.36	22.48	22.44	24	0	
5	QPSK	1	24	22.28	22.43	22.43			
5	QPSK	12	0	22.28	22.43	22.39	24	0	
5	QPSK	12	7	22.28	22.50	22.32			
5	QPSK	12	13	22.38	22.44	22.38			
5	QPSK	25	0	22.27	22.46	22.51	24	0	
5	16QAM	1	0	22.24	22.44	22.35			
5	16QAM	1	12	22.30	22.42	22.34			
5	16QAM	1	24	22.27	22.39	22.45	23	1	
5	16QAM	12	0	21.35	21.54	21.58			
5	16QAM	12	7	21.37	21.41	21.37			
5	16QAM	12	13	21.45	21.38	21.44	23	1	
5	16QAM	25	0	21.38	21.54	21.55			
5	64QAM	1	0	21.54	21.56	21.57			
5	64QAM	1	12	21.37	21.47	21.47	22	2	
5	64QAM	1	24	21.18	21.39	21.50			
5	64QAM	12	0	21.02	21.10	21.08			
5	64QAM	12	7	20.88	21.04	21.02	22	2	
5	64QAM	12	13	20.92	21.07	21.02			
5	64QAM	25	0	20.97	21.04	20.94			

Band 41 Ant1 DSI5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.47	22.34	22.56	22.43	22.38	24	0
20	QPSK	1	49	22.32	22.34	22.48	22.45	22.38		
20	QPSK	1	99	22.45	22.30	22.48	22.45	22.40		
20	QPSK	50	0	22.32	22.31	22.53	22.42	22.35		
20	QPSK	50	24	22.34	22.29	22.42	22.41	22.39	24	0
20	QPSK	50	50	22.44	22.31	22.52	22.45	22.37		
20	QPSK	100	0	22.36	22.33	22.49	22.43	22.42		
20	16QAM	1	0	22.41	22.29	22.50	22.40	22.43		
20	16QAM	1	49	22.42	22.32	22.42	22.41	22.40	24	0
20	16QAM	1	99	22.42	22.31	22.53	22.38	22.40		
20	16QAM	50	0	22.13	22.14	22.17	22.10	22.11		
20	16QAM	50	24	22.10	22.06	22.05	21.95	22.05		
20	16QAM	50	50	22.03	22.08	22.08	22.04	21.97	23.5	0.5
20	16QAM	100	0	22.17	22.23	22.29	22.24	22.18		
20	64QAM	1	0	22.30	22.24	22.38	22.29	22.30		
20	64QAM	1	49	22.23	22.17	22.25	22.21	22.24		
20	64QAM	1	99	22.18	22.16	22.26	22.17	22.24	23.5	0.5
20	64QAM	50	0	21.10	21.19	21.28	21.18	21.22		
20	64QAM	50	24	21.02	21.09	21.13	21.15	21.09		
20	64QAM	50	50	21.07	21.05	21.19	21.03	21.14		
20	64QAM	100	0	21.21	21.21	21.30	21.18	21.18	22.5	1.5
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.29	22.27	22.93	22.34	22.30	24	0
15	QPSK	1	37	22.29	22.30	22.43	22.37	22.29		
15	QPSK	1	74	22.41	22.26	22.42	22.36	22.34		
15	QPSK	36	0	22.24	22.22	22.49	22.38	22.26		
15	QPSK	36	20	22.25	22.24	22.34	22.36	22.32	24	0
15	QPSK	36	39	22.37	22.25	22.48	22.39	22.29		
15	QPSK	75	0	22.31	22.27	22.40	22.35	22.38		
15	16QAM	1	0	22.33	22.24	22.46	22.37	22.38		
15	16QAM	1	37	22.34	22.23	22.37	22.37	22.33	24	0
15	16QAM	1	74	22.38	22.24	22.47	22.30	22.35		
15	16QAM	36	0	22.10	22.06	22.09	22.05	22.08		
15	16QAM	36	20	22.06	22.00	21.96	21.91	21.97		
15	16QAM	36	39	21.96	22.01	22.04	22.00	21.91	23.5	0.5
15	16QAM	75	0	22.14	22.16	22.25	22.18	22.13		
15	64QAM	1	0	22.21	22.17	22.35	22.24	22.24		
15	64QAM	1	37	22.17	22.10	22.21	22.13	22.20		
15	64QAM	1	74	22.15	22.08	22.18	22.12	22.20	23.5	0.5
15	64QAM	36	0	21.02	21.10	21.20	21.14	21.19		
15	64QAM	36	20	20.98	21.05	21.05	21.06	21.06		
15	64QAM	36	39	21.01	21.02	21.12	20.98	21.10		
15	64QAM	75	0	21.14	21.16	21.24	21.14	21.11	22.5	1.5
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.29	22.25	22.49	22.38	22.31	24	0
10	QPSK	1	25	22.29	22.26	22.44	22.39	22.34		
10	QPSK	1	49	22.39	22.23	22.42	22.39	22.33		
10	QPSK	25	0	22.23	22.26	22.46	22.36	22.27		
10	QPSK	25	12	22.26	22.26	22.37	22.38	22.34	24	0
10	QPSK	25	25	22.35	22.26	22.48	22.39	22.29		
10	QPSK	50	0	22.31	22.29	22.46	22.37	22.37		
10	16QAM	1	0	22.34	22.22	22.44	22.35	22.36		
10	16QAM	1	25	22.36	22.26	22.35	22.33	22.31	24	0
10	16QAM	1	49	22.34	22.26	22.47	22.30	22.34		
10	16QAM	25	0	22.10	22.07	22.11	22.03	22.07		
10	16QAM	25	12	22.07	21.99	21.97	21.89	21.99		
10	16QAM	25	25	21.97	22.05	22.03	21.99	21.90	23.5	0.5
10	16QAM	50	0	22.10	22.20	22.25	22.16	22.14		
10	64QAM	1	0	22.25	22.16	22.35	22.21	22.26		
10	64QAM	1	25	22.14	22.14	22.19	22.15	22.19		
10	64QAM	1	49	22.10	22.13	22.19	22.08	22.15	23.5	0.5
10	64QAM	25	0	21.03	21.12	21.24	21.12	21.16		
10	64QAM	25	12	20.97	21.01	21.06	21.08	21.01		
10	64QAM	25	25	21.00	20.97	21.12	20.97	21.05		
10	64QAM	50	0	21.15	21.15	21.24	21.14	21.14	22.5	1.5
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.30	22.27	22.51	22.35	22.29	24	0
5	QPSK	1	12	22.26	22.26	22.42	22.36	22.31		
5	QPSK	1	24	22.39	22.27	22.42	22.40	22.33		
5	QPSK	12	0	22.29	22.24	22.46	22.38	22.32		
5	QPSK	12	7	22.27	22.23	22.34	22.32	22.33	24	0
5	QPSK	12	13	22.38	22.24	22.47	22.36	22.28		
5	QPSK	25	0	22.28	22.26	22.42	22.37	22.33		
5	16QAM	1	0	22.34	22.24	22.43	22.33	22.35		
5	16QAM	1	12	22.39	22.27	22.39	22.38	22.34	24	0
5	16QAM	1	24	22.34	22.25	22.45	22.30	22.36		
5	16QAM	12	0	22.04	22.06	22.09	22.01	22.05		
5	16QAM	12	7	22.04	21.98	22.01	21.87	21.98		
5	16QAM	12	13	21.97	21.99	22.01	21.96	21.92	23.5	0.5
5	16QAM	25	0	22.09	22.19	22.25	22.16	22.11		
5	64QAM	1	0	22.24	22.17	22.34	22.20	22.24		
5	64QAM	1	12	22.18	22.08	22.21	22.16	22.20		
5	64QAM	1	24	22.10	22.12	22.22	22.10	22.15	23.5	0.5
5	64QAM	12	0	21.03	21.12	21.25	21.13	21.13		
5	64QAM	12	7	20.98	21.06	21.08	21.09	21.01		
5	64QAM	12	13	21.03	20.99	21.11	20.99	21.08		
5	64QAM	25	0	21.17	21.17	21.24	21.13	21.14	22.5	1.5
Channel				39650	40121	40620	41068	41530		
Frequency (MHz)				2496	2543	2589	2636	2682	Tune-up limit (dBm)	MPR (dB)

GSM850 An4 DSIS									
GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)	
	128	189	251		128	189	251		
Frequency (MHz)	124.2	124.4	124.6	(dBm)	124.2	124.4	124.6	(dBm)	
GSM 1 Tx slot	29.00	29.18	29.28	30.00	20.00	20.18	20.28	21.00	
GPRS 1 Tx slot	29.02	29.22	29.32	30.00	20.02	20.22	20.32	21.00	
GPRS 2 Tx slots	25.85	25.94	25.94	27.50	19.85	19.94	19.94	21.50	
GPRS 3 Tx slots	23.37	23.74	23.74	25.50	19.31	19.48	19.48	21.24	
GPRS 4 Tx slots	22.34	22.57	22.51	24.50	18.54	19.57	19.51	21.50	
EDGE 1 Tx slot	23.14	23.14	23.03	24.50	14.14	14.14	14.03	15.50	
EDGE 2 Tx slots	20.45	20.67	20.51	22.00	14.45	14.67	14.51	16.00	
EDGE 3 Tx slots	18.01	18.04	18.07	20.00	13.75	13.78	13.81	15.74	
EDGE 4 Tx slots	16.92	17.10	16.74	19.50	13.92	14.10	13.74	15.50	
GSM1900 An4 DSIS									
GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)	
	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1860	1909.8	(dBm)	1850.2	1860	1909.8	(dBm)	
GSM 1 Tx slot	27.84	27.82	28.20	29.50	18.84	18.92	19.20	20.50	
GPRS 1 Tx slot	27.87	27.96	28.23	29.50	18.87	18.98	19.23	20.50	
GPRS 2 Tx slots	25.69	26.05	26.02	27.00	19.69	20.05	20.02	21.00	
GPRS 3 Tx slots	23.47	23.58	23.87	24.50	19.21	19.32	19.61	20.24	
GPRS 4 Tx slots	22.24	22.25	22.74	23.00	19.24	19.25	19.74	20.00	
EDGE 1 Tx slot	24.51	24.43	24.69	25.50	15.51	15.43	15.69	16.50	
EDGE 2 Tx slots	21.28	21.13	21.44	22.00	15.28	15.13	15.44	16.00	
EDGE 3 Tx slots	19.32	19.24	19.52	20.00	15.06	14.98	15.28	15.74	
EDGE 4 Tx slots	18.65	18.58	18.69	19.00	15.65	15.58	15.69	16.00	
WCDMA II An4 DSIS									
Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	
	9262	9400	9638		1312	1413	1513		
Frequency (MHz)	1852.4	1860	1907.8	(dBm)	1722.4	1722.8	1722.2	(dBm)	
3GPP Rel 99	17.75	17.82	17.72	19.00	13.96	14.15	14.05	15.50	
3GPP Rel 99	RMC	17.85	17.74	19.00	14.03	14.23	13.93	15.50	
3GPP Rel 6	HSDPA Subtest-1	16.63	16.85	16.77	16.00	12.94	13.08	13.04	14.50
3GPP Rel 6	HSDPA Subtest-2	16.70	16.79	16.67	16.00	12.97	13.05	12.96	14.50
3GPP Rel 6	HSDPA Subtest-3	16.25	16.41	16.31	17.50	12.44	12.51	12.52	14.00
3GPP Rel 6	HSDPA Subtest-4	16.20	16.37	16.21	17.50	12.48	12.49	12.50	14.00
3GPP Rel 6	DC-HSDPA Subtest-1	16.66	16.79	16.71	16.00	12.94	12.99	12.94	14.50
3GPP Rel 6	DC-HSDPA Subtest-2	16.58	16.65	16.69	16.00	12.84	12.95	12.96	14.50
3GPP Rel 6	DC-HSDPA Subtest-3	16.08	16.36	16.27	17.50	12.45	12.56	12.44	14.00
3GPP Rel 6	DC-HSDPA Subtest-4	16.03	16.16	16.11	17.50	12.35	12.47	12.39	14.00
3GPP Rel 6	HSUPA Subtest-1	16.60	16.98	16.64	16.00	12.63	12.91	12.84	14.50
3GPP Rel 6	HSUPA Subtest-2	14.69	14.85	14.80	16.00	10.80	11.11	11.02	12.50
3GPP Rel 6	HSUPA Subtest-3	15.84	15.98	15.84	17.00	12.04	12.13	11.98	13.50
3GPP Rel 6	HSUPA Subtest-4	14.65	14.76	14.65	16.00	10.89	11.09	10.80	12.50
3GPP Rel 6	HSUPA Subtest-5	16.63	16.71	16.68	16.00	12.62	13.02	12.84	14.50
3GPP Rel 7	HSPA+ (HSPA) Subtest-1	14.25	14.33	14.25	15.50	10.46	10.65	10.52	12.00
WCDMA V An4 DSIS									
Band TX Channel	WCDMA V			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
	4132	4182	4233		4357	4407	4458		
Frequency (MHz)	1852.4	1860	1907.8	(dBm)	1722.4	1722.8	1722.2	(dBm)	
3GPP Rel 99	17.75	17.82	17.72	19.00	13.96	14.15	14.05	15.50	
3GPP Rel 99	RMC	17.85	17.74	19.00	14.03	14.23	13.93	15.50	
3GPP Rel 6	HSDPA Subtest-1	16.63	16.85	16.77	16.00	12.94	13.08	13.04	14.50
3GPP Rel 6	HSDPA Subtest-2	16.70	16.79	16.67	16.00	12.97	13.05	12.96	14.50
3GPP Rel 6	HSDPA Subtest-3	16.25	16.41	16.31	17.50	12.44	12.51	12.52	14.00
3GPP Rel 6	HSDPA Subtest-4	16.20	16.37	16.21	17.50	12.48	12.49	12.50	14.00
3GPP Rel 6	DC-HSDPA Subtest-1	16.66	16.79	16.71	16.00	12.94	12.99	12.94	14.50
3GPP Rel 6	DC-HSDPA Subtest-2	16.58	16.65	16.69	16.00	12.84	12.95	12.96	14.50
3GPP Rel 6	DC-HSDPA Subtest-3	16.08	16.36	16.27	17.50	12.45	12.56	12.44	14.00
3GPP Rel 6	DC-HSDPA Subtest-4	16.03	16.16	16.11	17.50	12.35	12.47	12.39	14.00
3GPP Rel 6	HSUPA Subtest-1	16.60	16.98	16.64	16.00	12.63	12.91	12.84	14.50
3GPP Rel 6	HSUPA Subtest-2	14.69	14.85	14.80	16.00	10.80	11.11	11.02	12.50
3GPP Rel 6	HSUPA Subtest-3	15.84	15.98	15.84	17.00	12.04	12.13	11.98	13.50
3GPP Rel 6	HSUPA Subtest-4	14.65	14.76	14.65	16.00	10.89	11.09	10.80	12.50
3GPP Rel 6	HSUPA Subtest-5	16.63	16.71	16.68	16.00	12.62	13.02	12.84	14.50
3GPP Rel 7	HSPA+ (HSPA) Subtest-1	14.25	14.33	14.25	15.50	10.46	10.65	10.52	12.00



Band 2 Ant4 DSI5										
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune- up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.05	18.16	18.15				
20	QPSK	1	49	18.03	18.14	17.89	19.5	0		
20	QPSK	1	99	17.92	18.15	18.14				
20	QPSK	50	0	18.04	18.12	18.08				
20	QPSK	50	24	18.06	18.10	17.90	19.5	0		
20	QPSK	50	74	18.11	18.11	18.06				
20	QPSK	100	0	18.08	18.09	18.08				
20	16QAM	1	0	18.02	18.08	17.88				
20	16QAM	1	49	17.92	18.12	18.04	19.5	0		
20	16QAM	1	99	18.07	18.14	18.12				
20	16QAM	50	0	18.14	18.06	17.94				
20	16QAM	50	24	17.95	18.11	18.10	19.5	0		
20	16QAM	50	74	18.05	18.14	18.12				
20	16QAM	100	0	18.13	18.10	17.93				
20	64QAM	1	0	17.92	18.15	18.12				
20	64QAM	1	49	18.01	18.13	18.09	19.5	0		
20	64QAM	1	99	18.08	18.09	17.94				
20	64QAM	50	0	17.91	18.12	18.02				
20	64QAM	50	24	18.09	18.04	18.08	19.5	0		
20	64QAM	50	74	18.08	18.05	17.96				
20	64QAM	100	0	17.94	18.15	18.04				
Channel										
18675				18690	19125		Tune- up limit	MPR		
18675				18690	1902.5					
Frequency (MHz)										
15	QPSK	1	0	17.85	18.03	18.07				
15	QPSK	1	37	17.97	18.02	17.80	19.5	0		
15	QPSK	1	74	17.76	18.06	18.02				
15	QPSK	36	0	17.98	18.06	17.98				
15	QPSK	36	20	18.04	17.97	17.84	19.5	0		
15	QPSK	36	39	17.81	17.96	17.96				
15	QPSK	75	0	17.84	17.96	17.93				
15	16QAM	1	0	17.87	18.02	17.92				
15	16QAM	1	37	17.82	18.02	17.96	19.5	0		
15	16QAM	1	74	18.01	18.00	18.10				
15	16QAM	36	0	18.00	17.97	17.85				
15	16QAM	36	20	17.85	18.06	18.00	19.5	0		
15	16QAM	36	39	17.83	18.02	18.01				
15	16QAM	75	0	18.06	17.97	17.85				
15	64QAM	1	0	17.82	18.11	18.06				
15	64QAM	1	37	17.96	18.03	17.96	19.5	0		
15	64QAM	1	74	17.96	18.03	17.83				
15	64QAM	36	0	17.82	18.08	17.88				
15	64QAM	36	20	17.97	18.08	18.04	19.5	0		
15	64QAM	36	39	17.87	17.99	17.88				
15	64QAM	75	0	17.85	18.03	17.95				
Channel										
18650				18690	19150		Tune- up limit	MPR		
18650				18690	1905					
Frequency (MHz)										
10	QPSK	1	0	17.93	18.09	18.08				
10	QPSK	1	25	17.92	18.01	17.74	19.5	0		
10	QPSK	1	49	17.85	18.07	18.00				
10	QPSK	25	0	17.88	18.06	18.00				
10	QPSK	25	12	17.84	18.05	17.92	19.5	0		
10	QPSK	25	25	17.86	18.07	17.92				
10	QPSK	50	0	17.99	18.00	18.01				
10	16QAM	1	0	17.86	18.02	17.88				
10	16QAM	1	25	17.78	18.04	18.00	19.5	0		
10	16QAM	1	49	18.02	18.04	18.10				
10	16QAM	25	0	18.07	17.96	17.92				
10	16QAM	25	12	17.77	17.96	17.95	19.5	0		
10	16QAM	25	25	17.95	18.06	18.03				
10	16QAM	50	0	18.06	18.01	17.79				
10	64QAM	1	0	17.83	18.04	17.97				
10	64QAM	1	25	17.86	17.97	17.97	19.5	0		
10	64QAM	1	49	18.01	17.96	17.86				
10	64QAM	25	0	17.77	18.03	17.96				
10	64QAM	25	12	17.98	18.12	18.02	19.5	0		
10	64QAM	25	25	17.99	17.95	17.91				
10	64QAM	50	0	17.81	18.00	17.93				
Channel										
18625				18690	19175		Tune- up limit	MPR		
18625				18690	1907.5					
Frequency (MHz)										
5	QPSK	1	0	17.83	18.00	18.05				
5	QPSK	1	12	17.78	18.01	17.76	19.5	0		
5	QPSK	1	24	17.76	18.05	18.06				
5	QPSK	12	0	17.99	17.99	18.02				
5	QPSK	12	7	18.04	18.06	17.81	19.5	0		
5	QPSK	12	13	17.92	17.95	18.03				
5	QPSK	25	0	18.01	18.03	17.94				
5	16QAM	1	0	17.82	17.95	17.89				
5	16QAM	1	12	17.87	18.07	17.90	19.5	0		
5	16QAM	1	24	17.95	18.07	18.07				
5	16QAM	12	0	18.05	18.01	17.87				
5	16QAM	12	7	17.87	18.05	17.97	19.5	0		
5	16QAM	12	13	17.94	18.04	18.03				
5	16QAM	25	0	18.08	17.99	17.82				
5	64QAM	1	0	17.78	18.10	18.01				
5	64QAM	1	12	17.90	18.04	18.05	19.5	0		
5	64QAM	1	24	17.93	18.04	17.80				
5	64QAM	12	0	17.86	17.98	17.96				
5	64QAM	12	7	18.02	18.11	17.93	19.5	0		
5	64QAM	12	13	17.92	18.02	17.90				
5	64QAM	25	0	17.85	18.07	17.93				
Channel										
18615				18690	19165		Tune- up limit	MPR		
18615				18690	1908.5					
Frequency (MHz)										
3	QPSK	1	0	17.92	18.08	18.03				
3	QPSK	1	8	17.95	18.07	17.76	19.5	0		
3	QPSK	1	14	17.77	18.06	18.01				
3	QPSK	8	0	17.83	17.97	17.99				
3	QPSK	8	4	17.99	18.02	17.78	19.5	0		
3	QPSK	8	7	17.91	17.96	17.85				
3	QPSK	15	0	17.99	18.03	17.97				
3	16QAM	1	0	17.83	18.00	17.83				
3	16QAM	1	8	17.86	18.04	17.96	19.5	0		
3	16QAM	1	14	17.84	18.02	18.03				
3	16QAM	8	0	18.10	18.00	17.80				
3	16QAM	8	4	17.84	18.02	17.95	19.5	0		
3	16QAM	8	7	17.89	18.07	18.04				
3	16QAM	15	0	18.04	18.01	17.88				
3	64QAM	1	0	17.83	18.05	18.01				
3	64QAM	1	8	17.85	17.97	17.98	19.5	0		
3	64QAM	1	14	18.00	18.01	17.79				
3	64QAM	8	0	17.77	18.05	17.91				
3	64QAM	8	4	18.00	18.08	17.98	19.5	0		
3	64QAM	8	7	17.93	17.89	17.82				
3	64QAM	15	0	17.83	18.09	17.91				
Channel										
18607				18690	19193		Tune- up limit	MPR		
18607				18690	1909.3					
Frequency (MHz)										
1.4	QPSK	1	0	17.93	18.06	18.10				
1.4	QPSK	1	3	17.97	18.04	17.78	19.5	0		
1.4	QPSK	1	5	17.85	18.08	18.07				
1.4	QPSK	3	0	17.86	18.04	17.93				
1.4	QPSK	3	1	17.84	18.00	17.82				
1.4	QPSK	3	3	17.81	18.05	17.99	19.5	0		
1.4	QPSK	6	0	17.85	17.98	17.93				
1.4	QPSK	6	3	17.89	17.96	17.86				
1.4	16QAM	1	0	17.86	18.02	17.86	19.5	0		
1.4	16QAM	1	3	17.83	18.02	17.85				
1.4	16QAM	1	5	17.96	18.06	18.10				
1.4	16QAM	3	0	18.02	17.96	17.88	19.5	0		
1.4	16QAM	3	1	17.79	17.97	17.98				
1.4	16QAM	3	3	18.00	18.04	17.97				
1.4	16QAM	6	0	17.89	18.05	17.79	19.5	0		
1.4	64QAM	1	0	17.76	18.05	18.07				
1.4	64QAM	1	3	17.95	18.05	17.98				
1.4	64QAM	1	5	18.00	17.94	17.88	19.5	0		
1.4	64QAM	3	0	17.77	18.15	18.03				
1.4	64QAM	3	3	17.99	17.99	17.89	19.5	0		
1.4	64QAM	3	5	17.87	19.05	17.85	19.5	18		

Band 13 Ant4 Default									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel 23230									
Frequency (MHz)									
10	QPSK	1	0		24.24				
10	QPSK	1	25		24.05		25.5	0	
10	QPSK	1	49		24.23				
10	QPSK	25	0		23.17				
10	QPSK	25	12		22.98		24.5	1	
10	QPSK	25	25		22.99				
10	QPSK	50	0		23.06				
10	16QAM	1	0		23.18				
10	16QAM	1	25		23.07		24.5	1	
10	16QAM	1	49		23.04				
10	16QAM	25	0		22.06				
10	16QAM	25	12		22.07		23.5	2	
10	16QAM	25	25		22.18				
10	16QAM	50	0		22.11				
10	16QAM	1	0		22.34				
10	16QAM	1	25		22.45		23.5	2	
10	16QAM	1	49		22.43				
10	16QAM	25	0		21.32				
10	16QAM	25	12		21.23		22.5	3	
10	16QAM	25	25		21.43				
10	16QAM	50	0		21.28				
Channel 23235									
Frequency (MHz)									
5	QPSK	1	0	24.05	24.10	24.14			
5	QPSK	1	12	23.89	24.01	23.96	25.5	0	
5	QPSK	1	24	24.06	24.11	24.11			
5	QPSK	12	0	23.14	22.98	22.98			
5	QPSK	12	7	22.87	22.86	22.85	24.5	1	
5	QPSK	12	13	22.85	22.92	22.88			
5	QPSK	25	0	22.99	23.00	22.96			
5	16QAM	1	0	23.04	23.04	22.99			
5	16QAM	1	12	22.93	23.03	22.85	24.5	1	
5	16QAM	1	24	22.83	22.84	22.99			
5	16QAM	12	0	21.99	21.91	21.85			
5	16QAM	12	7	21.97	21.97	21.89	23.5	2	
5	16QAM	12	13	22.02	21.99	22.07			
5	16QAM	25	0	21.98	22.02	21.92			
5	16QAM	1	0	22.16	22.24	22.15			
5	16QAM	1	12	22.30	22.40	22.23	23.5	2	
5	16QAM	1	24	22.38	22.29	22.23			
5	16QAM	12	0	21.16	21.11	21.12			
5	16QAM	12	7	21.10	21.17	21.03	22.5	3	
5	16QAM	12	13	21.25	21.21	21.23			
5	16QAM	25	0	21.08	21.19	21.08			

Band 26 Ant4 DS15									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel 26765									
Frequency (MHz)									
15	QPSK	1	0	21.81	22.11	21.93			
15	QPSK	1	37	21.83	22.05	21.88	23.5	0	
15	QPSK	1	74	21.84	22.02	21.88			
15	QPSK	36	0	21.87	22.09	21.91			
15	QPSK	36	20	21.88	22.08	21.87	23.5	0	
15	QPSK	36	39	21.88	22.03	21.93			
15	QPSK	75	0	21.82	22.09	21.91			
15	16QAM	1	0	21.88	22.05	21.93			
15	16QAM	1	37	21.81	22.05	21.91	23.5	0	
15	16QAM	1	74	21.85	22.10	21.89			
15	16QAM	36	0	21.82	22.07	21.88			
15	16QAM	36	20	21.81	22.04	21.90	23.5	0	
15	16QAM	36	39	21.85	22.01	21.88			
15	16QAM	75	0	21.87	22.07	21.93			
15	16QAM	1	0	21.77	22.00	21.92			
15	16QAM	1	37	21.84	22.05	21.92	23.5	0	
15	16QAM	1	74	21.86	22.06	21.92			
15	16QAM	36	0	21.33	21.36	21.15			
15	16QAM	36	20	21.37	21.47	21.32	22.5	1	
15	16QAM	36	39	21.32	21.39	21.36			
15	16QAM	75	0	21.32	21.40	21.33			
Channel 26760									
Frequency (MHz)									
10	QPSK	1	0	21.73	21.99	21.80			
10	QPSK	1	25	21.76	21.92	21.80	23.5	0	
10	QPSK	1	49	21.70	21.93	21.75			
10	QPSK	25	0	21.77	21.98	21.79			
10	QPSK	25	12	21.80	21.98	21.83	23.5	0	
10	QPSK	25	25	21.79	21.88	21.85			
10	QPSK	50	0	21.73	22.01	21.79			
10	16QAM	1	0	21.76	21.97	21.78			
10	16QAM	1	25	21.76	21.94	21.85	23.5	0	
10	16QAM	1	49	21.70	21.94	21.76			
10	16QAM	25	0	21.76	22.02	21.78			
10	16QAM	25	12	21.73	21.96	21.82	23.5	0	
10	16QAM	25	25	21.70	21.94	21.81			
10	16QAM	50	0	21.78	21.96	21.83			
10	16QAM	1	0	21.75	21.91	21.88			
10	16QAM	1	25	21.73	21.92	21.78	23.5	0	
10	16QAM	1	49	21.73	21.98	21.80			
10	16QAM	25	0	21.27	21.27	20.99			
10	16QAM	25	12	21.30	21.37	21.27	22.5	1	
10	16QAM	25	25	21.23	21.31	21.20			
10	16QAM	50	0	21.27	21.27	21.17			
Channel 26715									
Frequency (MHz)									
5	QPSK	1	0	21.76	21.99	21.85			
5	QPSK	1	12	21.73	21.98	21.74	23.5	0	
5	QPSK	1	24	21.71	21.95	21.78			
5	QPSK	12	0	21.75	21.95	21.78			
5	QPSK	12	7	21.72	22.04	21.78	23.5	0	
5	QPSK	12	13	21.83	21.92	21.87			
5	QPSK	25	0	21.75	21.93	21.77			
5	16QAM	1	0	21.75	21.91	21.79			
5	16QAM	1	12	21.71	21.95	21.85	23.5	0	
5	16QAM	1	24	21.77	22.01	21.78			
5	16QAM	12	0	21.72	21.93	21.76			
5	16QAM	12	7	21.71	21.91	21.80	23.5	0	
5	16QAM	12	13	21.72	21.88	21.78			
5	16QAM	25	0	21.82	21.99	21.80			
5	16QAM	1	0	21.76	21.88	21.81			
5	16QAM	1	12	21.72	21.93	21.83	23.5	0	
5	16QAM	1	24	21.80	22.01	21.83			
5	16QAM	12	0	21.18	21.20	21.06			
5	16QAM	12	7	21.27	21.37	21.22	22.5	1	
5	16QAM	12	13	21.25	21.35	21.28			
5	16QAM	25	0	21.27	21.31	21.24			
Channel 26705									
Frequency (MHz)									
3	QPSK	1	0	21.77	22.00	21.84			
3	QPSK	1	8	21.77	21.94	21.82	23.5	0	
3	QPSK	1	14	21.78	21.91	21.78			
3	QPSK	8	0	21.73	21.96	21.80			
3	QPSK	8	4	21.80	22.04	21.75	23.5	0	
3	QPSK	8	7	21.73	21.88	21.86			
3	QPSK	15	0	21.76	21.95	21.86			
3	16QAM	1	0	21.76	21.97	21.89			
3	16QAM	1	8	21.72	21.99	21.86	23.5	0	
3	16QAM	1	14	21.80	22.05	21.75			
3	16QAM	8	0	21.77	21.99	21.75			
3	16QAM	8	4	21.76	21.94	21.80	23.5	0	
3	16QAM	8	7	21.71	21.89	21.81			
3	16QAM	15	0	21.72	22.00	21.88			
3	16QAM	1	0	21.76	21.93	21.85			
3	16QAM	1	8	21.79	21.98	21.83	23.5	0	
3	16QAM	1	14	21.81	21.96	21.81			
3	16QAM	8	0	21.28	21.32	21.10			
3	16QAM	8	4	21.30	21.39	21.21	22.5	1	
3	16QAM	8	7	21.25	21.28	21.27			
3	16QAM	15	0	21.22	21.29	21.29			
Channel 26697									
Frequency (MHz)									
1.4	QPSK	1	0	21.70	21.96	21.79			
1.4	QPSK	1	3	21.79	21.97	21.78	23.5	0	
1.4	QPSK	1	5	21.76	21.94	21.80			
1.4	QPSK	3	0	21.82	22.05	21.81			
1.4	QPSK	3	1	21.80	21.96	21.79	23.5	0	
1.4	QPSK	3	3	21.82	21.93	21.83			
1.4	QPSK	6	0	21.72	21.94	21.84	23.5	0	
1.4	16QAM	1	0	21.71	21.99	21.88			
1.4	16QAM	1	3	21.76	21.92	21.81			
1.4	16QAM	1	5	21.77	21.97	21.79	23.5	0	
1.4	16QAM	3	0	21.72	21.99	21.80			
1.4	16QAM	3	1	21.75	21.99	21.86			
1.4	16QAM	3	3	21.75	21.92	21.82	23.5	0	
1.4	16QAM	6	0	21.76	21.97	21.88			
1.4	16QAM	1	0	21.72	21.93	21.88			
1.4	16QAM	1	3	21.76	22.00	21.82			
1.4	16QAM	1	5	21.70	21.95	21.75	23.5	0	
1.4	16QAM	3	0	21.76	22.01	21.81			
1.4	16QAM	3	3	21.76	21.93	21.76			
1.4	16QAM	6	0	21.22	21.26	21.24	22.5	1	

Band 38 Ant4 DSI5										
BW [MHz]	Modulation	RB Offset	RB Offset	Power Low Ch. [MHz]	Power Middle Ch. [MHz]	Power High Ch. [MHz]	Tune-up limit (dBm)	MPR (dB)		
Channel				37780	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	20.50	20.71	20.54	22	0		
20	QPSK	1	49	20.47	20.58	20.62				
20	QPSK	1	99	20.49	20.59	20.59				
20	QPSK	50	0	20.42	20.67	20.58				
20	QPSK	50	24	20.41	20.64	20.57	22	0		
20	QPSK	50	50	20.42	20.59	20.59				
20	QPSK	100	0	20.40	20.60	20.56				
20	16QAM	1	0	20.41	20.61	20.63				
20	16QAM	1	49	20.48	20.50	20.56	22	0		
20	16QAM	1	99	20.43	20.70	20.59				
20	16QAM	50	0	20.52	20.67	20.55				
20	16QAM	50	24	20.41	20.61	20.61				
20	16QAM	50	50	20.40	20.62	20.64	22	0		
20	16QAM	100	0	20.43	20.65	20.66				
20	64QAM	1	0	20.48	20.62	20.62				
20	64QAM	1	49	20.50	20.63	20.54				
20	64QAM	1	99	20.46	20.63	20.56	22	0		
20	64QAM	50	0	20.47	20.67	20.62				
20	64QAM	50	24	20.42	20.67	20.58				
20	64QAM	50	50	20.40	20.62	20.60				
20	64QAM	100	0	20.50	20.59	20.63	22	0		
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	20.39	20.57	20.42	22	0		
15	QPSK	1	37	20.37	20.43	20.55				
15	QPSK	1	74	20.33	20.51	20.47				
15	QPSK	36	0	20.37	20.56	20.46				
15	QPSK	36	20	20.39	20.54	20.49	22	0		
15	QPSK	36	39	20.35	20.50	20.50				
15	QPSK	75	0	20.35	20.47	20.40				
15	16QAM	1	0	20.27	20.53	20.48				
15	16QAM	1	37	20.38	20.56	20.41	22	0		
15	16QAM	1	74	20.37	20.57	20.49				
15	16QAM	36	0	20.48	20.61	20.42				
15	16QAM	36	20	20.27	20.51	20.48				
15	16QAM	36	39	20.25	20.52	20.56	22	0		
15	16QAM	75	0	20.36	20.58	20.55				
15	64QAM	1	0	20.34	20.57	20.54				
15	64QAM	1	37	20.44	20.52	20.50				
15	64QAM	1	74	20.40	20.57	20.48	22	0		
15	64QAM	36	0	20.32	20.62	20.48				
15	64QAM	36	20	20.34	20.55	20.43				
15	64QAM	36	39	20.33	20.47	20.48				
15	64QAM	75	0	20.43	20.54	20.51	22	0		
Channel				37800	38000	38200				
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	20.38	20.63	20.43	22	0		
10	QPSK	1	25	20.42	20.43	20.52				
10	QPSK	1	49	20.38	20.46	20.51				
10	QPSK	25	0	20.31	20.54	20.45				
10	QPSK	25	12	20.27	20.50	20.49	22	0		
10	QPSK	25	25	20.31	20.43	20.52				
10	QPSK	50	0	20.29	20.56	20.42				
10	16QAM	1	0	20.28	20.48	20.50				
10	16QAM	1	25	20.42	20.47	20.42	22	0		
10	16QAM	1	49	20.39	20.65	20.49				
10	16QAM	25	0	20.46	20.63	20.39				
10	16QAM	25	12	20.28	20.50	20.49				
10	16QAM	25	25	20.29	20.57	20.57	22	0		
10	16QAM	50	0	20.30	20.50	20.61				
10	64QAM	1	0	20.43	20.56	20.48				
10	64QAM	1	25	20.35	20.53	20.44				
10	64QAM	1	49	20.32	20.51	20.46	22	0		
10	64QAM	25	0	20.33	20.53	20.36				
10	64QAM	25	12	20.32	20.55	20.44				
10	64QAM	25	25	20.31	20.51	20.52				
10	64QAM	50	0	20.36	20.52	20.50	22	0		
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	20.37	20.60	20.48	22	0		
5	QPSK	1	12	20.35	20.53	20.50				
5	QPSK	1	24	20.37	20.54	20.46				
5	QPSK	12	0	20.28	20.54	20.44				
5	QPSK	12	7	20.33	20.48	20.51	22	0		
5	QPSK	12	13	20.31	20.53	20.54				
5	QPSK	25	0	20.35	20.44	20.46				
5	QPSK	1	0	20.30	20.54	20.55				
5	16QAM	1	12	20.43	20.50	20.44	22	0		
5	16QAM	1	24	20.38	20.58	20.49				
5	16QAM	12	0	20.39	20.52	20.45				
5	16QAM	12	7	20.29	20.50	20.56				
5	16QAM	12	13	20.32	20.55	20.54	22	0		
5	16QAM	25	0	20.29	20.50	20.58				
5	64QAM	1	0	20.37	20.57	20.55				
5	64QAM	1	12	20.43	20.57	20.46				
5	64QAM	1	24	20.32	20.50	20.44	22	0		
5	64QAM	12	0	20.38	20.53	20.54				
5	64QAM	12	7	20.28	20.52	20.49				
5	64QAM	12	13	20.35	20.52	20.54				
5	64QAM	25	0	20.42	20.47	20.48	22	0		

Band 41 Ant4 DSI5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.68	20.60	20.86	20.71	20.71	22	0
20	QPSK	1	49	20.54	20.70	20.79	20.60	20.57		
20	QPSK	1	99	20.64	20.61	20.80	20.64	20.64		
20	QPSK	50	0	20.65	20.66	20.82	20.64	20.64		
20	QPSK	50	24	20.61	20.61	20.78	20.53	20.57	22	0
20	QPSK	50	50	20.59	20.65	20.74	20.55	20.58		
20	QPSK	100	0	20.52	20.68	20.73	20.57	20.56		
20	16QAM	1	0	20.46	20.64	20.72	20.50	20.56		
20	16QAM	1	49	20.50	20.66	20.73	20.55	20.55	22	0
20	16QAM	1	99	20.61	20.60	20.78	20.56	20.53		
20	16QAM	50	0	20.55	20.63	20.72	20.47	20.52		
20	16QAM	50	24	20.57	20.62	20.77	20.60	20.60		
20	16QAM	50	50	20.53	20.66	20.75	20.59	20.52	22	0
20	16QAM	100	0	20.54	20.64	20.78	20.63	20.58		
20	64QAM	1	0	20.67	20.61	20.82	20.63	20.64		
20	64QAM	1	49	20.59	20.71	20.78	20.63	20.59	22	0
20	64QAM	1	99	20.57	20.66	20.73	20.51	20.55		
20	64QAM	50	0	20.58	20.61	20.73	20.56	20.55		
20	64QAM	50	24	20.62	20.62	20.81	20.65	20.64	22	0
20	64QAM	50	50	20.67	20.70	20.81	20.62	20.60		
20	64QAM	100	0	20.62	20.64	20.83	20.63	20.63		
Channel				39750	40173	40620	41058	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.48	20.66	20.83	20.52	20.50	22	0
15	QPSK	1	37	20.31	20.56	20.51	20.42	20.32		
15	QPSK	1	74	20.38	20.64	20.37	20.45	20.48		
15	QPSK	36	0	20.48	20.57	20.52	20.41	20.41		
15	QPSK	36	20	20.36	20.62	20.36	20.31	20.34	22	0
15	QPSK	36	39	20.34	20.42	20.41	20.41	20.41		
15	QPSK	75	0	20.30	20.49	20.42	20.36	20.35		
15	16QAM	1	0	20.28	20.52	20.45	20.30	20.42		
15	16QAM	1	37	20.30	20.57	20.43	20.41	20.34	22	0
15	16QAM	1	74	20.47	20.55	20.37	20.35	20.32		
15	16QAM	36	0	20.34	20.41	20.41	20.36	20.36		
15	16QAM	36	20	20.36	20.62	20.43	20.41	20.37		
15	16QAM	36	39	20.38	20.55	20.49	20.33	20.37	22	0
15	16QAM	75	0	20.39	20.56	20.48	20.49	20.34		
15	64QAM	1	0	20.48	20.60	20.40	20.43	20.41		
15	64QAM	1	37	20.43	20.57	20.33	20.49	20.33	22	0
15	64QAM	1	74	20.42	20.51	20.51	20.33	20.29		
15	64QAM	36	0	20.35	20.53	20.45	20.42	20.37		
15	64QAM	36	20	20.44	20.59	20.46	20.42	20.50		
15	64QAM	36	39	20.41	20.57	20.46	20.40	20.38	22	0
15	64QAM	75	0	20.44	20.61	20.42	20.40	20.47		
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.48	20.63	20.41	20.49	20.48	22	0
10	QPSK	1	25	20.35	20.54	20.43	20.45	20.42		
10	QPSK	1	49	20.38	20.54	20.43	20.45	20.39		
10	QPSK	25	0	20.45	20.63	20.41	20.47	20.44		
10	QPSK	25	12	20.39	20.56	20.40	20.30	20.35	22	0
10	QPSK	25	25	20.41	20.54	20.42	20.38	20.43		
10	QPSK	50	0	20.27	20.41	20.40	20.30	20.37		
10	16QAM	1	0	20.25	20.54	20.40	20.29	20.35		
10	16QAM	1	25	20.29	20.58	20.49	20.41	20.38	22	0
10	16QAM	1	49	20.44	20.59	20.35	20.40	20.37		
10	16QAM	25	0	20.36	20.48	20.38	20.27	20.31		
10	16QAM	25	12	20.42	20.62	20.42	20.42	20.42		
10	16QAM	25	25	20.35	20.51	20.41	20.34	20.37	22	0
10	16QAM	50	0	20.32	20.61	20.48	20.39	20.41		
10	64QAM	1	0	20.48	20.61	20.43	20.42	20.43		
10	64QAM	1	25	20.37	20.63	20.56	20.48	20.40	22	0
10	64QAM	1	49	20.39	20.48	20.49	20.35	20.29		
10	64QAM	25	0	20.36	20.57	20.45	20.45	20.39		
10	64QAM	25	12	20.43	20.64	20.48	20.45	20.43		
10	64QAM	25	25	20.48	20.59	20.51	20.42	20.34	22	0
10	64QAM	50	0	20.45	20.64	20.40	20.45	20.42		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.46	20.69	20.45	20.54	20.54	22	0
5	QPSK	1	12	20.33	20.65	20.49	20.41	20.33		
5	QPSK	1	28	20.40	20.57	20.36	20.45	20.48		
5	QPSK	12	0	20.41	20.61	20.41	20.41	20.41		
5	QPSK	12	7	20.42	20.58	20.39	20.29	20.37	22	0
5	QPSK	12	13	20.37	20.60	20.40	20.35	20.35		
5	QPSK	25	0	20.33	20.58	20.50	20.38	20.37		
5	16QAM	1	0	20.29	20.47	20.38	20.35	20.33		
5	16QAM	1	12	20.25	20.50	20.41	20.41	20.29	22	0
5	16QAM	1	24	20.37	20.47	20.40	20.35	20.29		
5	16QAM	12	0	20.32	20.50	20.44	20.27	20.29		
5	16QAM	12	7	20.39	20.61	20.40	20.45	20.36		
5	16QAM	12	13	20.35	20.51	20.41	20.39	20.31	22	0
5	16QAM	25	0	20.38	20.63	20.38	20.42	20.41		
5	64QAM	1	0	20.52	20.78	20.52	20.42	20.39		
5	64QAM	1	12	20.39	20.59	20.47	20.47	20.36	22	0
5	64QAM	1	24	20.38	20.47	20.51	20.28	20.34		
5	64QAM	12	0	20.44	20.53	20.43	20.49	20.31		
5	64QAM	12	7	20.39	20.56	20.36	20.45	20.48	22	0
5	64QAM	12	13	20.44	20.50	20.41	20.44	20.44		
5	64QAM	25	0	20.44	20.50	20.48	20.46	20.38		

Airt 6		Full power		Head Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11a 6Mbps	1	2412	17.70	16.50
		6	2437	17.50	14.55
		11	2462	16.50	15.50
	802.11g 6Mbps	1	2412	15.10	17.00
		6	2437	15.00	17.00
		11	2462	14.20	16.00
802.11n-HT20 MCS0		1	2412	14.80	16.50
		6	2437	14.50	16.50
		11	2462	13.40	15.00

Airt 6		Full power		Head Standalone		Head Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	13.52	15.50	13.10	15.00
		40	5200	13.53	15.50	13.12	15.00
		44	5220	13.56	15.50	13.17	15.00
		48	5240	13.55	15.50	13.07	15.00
	802.11n-HT20 MCS0	36	5180	13.52	15.50	13.50	12.00
		40	5200	13.54	15.50	13.50	12.00
		44	5220	13.63	15.50	13.50	12.00
		48	5240	13.57	15.50	13.50	12.00
	802.11ac-VHT20 MCS0	38	5190	12.57	14.50	13.50	12.00
		40	5200	12.81	14.50	13.50	12.00
		44	5220	13.51	15.50	13.50	12.00
		48	5240	13.52	15.50	13.50	12.00
	802.11ac-VHT40 MCS0	38	5190	12.56	14.50	13.50	12.00
		40	5200	12.58	14.50	13.50	12.00
		42	5210	11.71	13.50	11.71	13.50
		44	5220	13.57	15.50	13.50	12.00
	802.11ac-VHT80 MCS0	38	5190	12.57	14.50	13.50	12.00
		40	5200	12.56	14.50	13.50	12.00
		42	5210	11.71	13.50	11.71	13.50
		44	5220	13.57	15.50	13.50	12.00

Airt 6		Full power		Head Standalone		Head Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	13.56	15.50	12.00	9.00
		56	5280	13.53	15.50	12.00	9.00
		60	5300	13.54	15.50	12.00	9.00
		64	5320	13.60	15.50	12.00	9.00
	802.11n-HT20 MCS0	52	5260	13.52	15.50	12.00	9.00
		56	5280	13.53	15.50	12.00	9.00
		60	5300	13.51	15.50	12.00	9.00
		64	5320	13.58	15.50	12.00	9.00
	802.11n-HT40 MCS0	52	5260	12.87	14.50	12.00	9.00
		56	5280	13.51	15.50	12.00	9.00
		60	5300	13.50	15.50	12.00	9.00
		64	5320	13.55	15.50	12.00	9.00
	802.11ac-VHT20 MCS0	52	5260	12.82	14.50	12.00	9.00
		56	5280	13.52	15.50	12.00	9.00
		60	5300	13.50	15.50	12.00	9.00
		64	5320	13.55	15.50	12.00	9.00
	802.11ac-VHT40 MCS0	52	5260	12.82	14.50	12.00	9.00
		56	5280	13.52	15.50	12.00	9.00
		60	5300	13.50	15.50	12.00	9.00
		64	5320	13.55	15.50	12.00	9.00

Airt 6		Full power		Head Standalone		Head Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	13.68	15.50	13.00	10.00
		116	5580	13.51	15.50	13.00	10.00
		124	5620	13.50	15.50	13.00	10.00
		132	5660	13.53	15.50	13.00	10.00
	802.11n-HT20 MCS0	100	5500	13.52	15.50	13.00	10.00
		116	5580	13.54	15.50	13.00	10.00
		124	5620	13.52	15.50	13.00	10.00
		132	5660	13.51	15.50	13.00	10.00
	802.11n-HT40 MCS0	100	5500	12.59	14.50	13.00	10.00
		110	5550	12.62	14.50	13.00	10.00
		126	5630	12.57	14.50	13.00	10.00
		134	5670	12.74	14.50	13.00	10.00
	802.11ac-VHT20 MCS0	100	5500	13.51	15.50	13.00	10.00
		116	5580	13.52	15.50	13.00	10.00
		124	5620	13.51	15.50	13.00	10.00
		132	5660	13.50	15.50	13.00	10.00
	802.11ac-VHT40 MCS0	100	5500	12.40	14.00	13.00	10.00
		102	5510	12.56	14.50	13.00	10.00
		110	5550	12.60	14.50	13.00	10.00
		126	5630	12.54	14.50	13.00	10.00
	802.11ac-VHT80 MCS0	100	5500	11.61	13.50	11.21	13.00
		102	5510	11.58	13.50	11.15	13.00
		110	5550	12.59	14.50	12.50	10.00
		122	5610	11.58	13.50	11.15	13.00

Airt 6		Full power		Head Standalone		Head Simultaneous	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	148	5745	13.52	15.50	12.50	12.50
		157	5785	13.50	15.50	12.50	12.50
		165	5825	13.69	15.50	12.50	12.50
		149	5745	13.52	15.50	12.50	12.50
	802.11n-HT20 MCS0	157	5785	13.55	15.50	12.50	12.50
		166	5825	13.62	15.50	12.50	12.50
		191	5755	12.56	14.50	12.50	12.50
		159	5795	12.73	14.50	12.50	12.50
	802.11ac-VHT20 MCS0	149	5745	13.50	15.50	12.50	12.50
		157	5785	13.54	15.50	12.50	12.50
		166	5825	13.60	15.50	12.50	12.50
		191	5755	12.53	14.50	12.50	12.50
	802.11ac-VHT40 MCS0	159	5795	12.69	14.50	12.50	12.50
		155	5775	11.56	13.50	10.50	12.50
		157	5785	13.50	15.50	12.50	12.50
		159	5795	12.69	14.50	12.50	12.50

<Bluetooth>			Ant1			
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-Up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	8.80	6.10	6.10	10.50
	CH 39	2441	8.80	6.10	6.10	10.50
	CH 76	2480	8.60	5.60	5.60	10.50

<BT LE>			Ant1	
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	4.20	
	CH 19	2440	4.10	
	CH 39	2480	4.00	
Tune-up Limit			6.00	