

Full Power Mode

GSM850_Ant 0	Burst Average Power (dBm)				Limit	Frame-Average Power (dBm)				Limit
Tx Channel	124	189	251	Time-up	124	189	251	Time-up		
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)		
GSM 1 Tx slot	32.22	32.30	32.25	33.50	32.22	32.30	32.25	33.50	24.50	
GPRS 1 Tx slot	32.20	32.25	32.18	33.50	32.20	32.25	32.18	33.50	24.50	
GPRS 2 Tx slots	28.95	29.00	29.02	30.00	22.95	23.00	23.02	24.00	24.50	
GPRS 3 Tx slots	28.16	28.18	28.11	29.00	23.90	23.92	23.85	24.74	24.50	
GPRS 4 Tx slots	27.03	27.07	27.00	28.00	24.03	24.07	24.00	25.00	25.50	
EDGE 1 Tx slot	27.60	27.66	27.63	28.50	18.60	18.66	18.63	19.50	24.50	
EDGE 2 Tx slots	23.62	23.60	23.52	24.50	17.62	17.60	17.52	18.50	24.50	
EDGE 3 Tx slots	22.52	22.58	22.49	23.50	18.26	18.32	18.23	19.24	24.50	
EDGE 4 Tx slots	21.30	21.35	21.28	22.50	18.30	18.35	18.28	19.50	24.50	

GSM1900_Ant 0	Burst Average Power (dBm)				Limit	Frame-Average Power (dBm)				Limit
Tx Channel	512	661	810	Time-up	512	661	810	Time-up		
Frequency (MHz)	1850.2	1850	1850.8	(dBm)	1850.2	1850	1850.8	(dBm)		
GSM 1 Tx slot	30.15	29.53	29.79	30.50	21.15	20.53	20.79	21.50		
GPRS 1 Tx slot	30.25	29.93	29.58	30.50	21.25	20.93	20.58	21.50		
GPRS 2 Tx slots	28.00	27.76	27.46	28.50	22.00	21.76	21.46	22.50		
GPRS 3 Tx slots	26.97	26.77	26.48	27.50	22.71	22.51	22.22	23.24		
GPRS 4 Tx slots	25.96	25.72	25.46	26.50	22.86	22.72	22.46	23.50		
EDGE 1 Tx slot	27.31	27.57	27.39	28.50	18.31	18.57	18.39	19.50		
EDGE 2 Tx slots	24.43	24.69	24.49	25.50	18.43	18.69	18.49	19.50		
EDGE 3 Tx slots	23.56	23.64	23.42	24.50	19.30	19.38	19.16	20.24		
EDGE 4 Tx slots	22.44	22.66	22.54	23.50	19.44	19.66	19.54	20.50		

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
Tx Channel		9262	9400	9538		1312	1413	1513		4132	4162	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1860	1867.6		1122.4	1122.6	1122.6		882.4	882.4	882.6	
3GPP Rel 99	AMR 12.2Kbps	24.65	24.56	24.47	25.50	23.83	24.05	24.20	25.50	24.07	24.20	24.16	25.00
3GPP Rel 99	RMC 12.2Kbps	24.63	24.68	24.47	25.50	23.82	24.23	24.13	25.50	24.10	24.24	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	24.61	24.49	24.46	25.50	22.74	22.97	23.14	24.50	23.14	23.26	23.14	24.50
3GPP Rel 6	HSDPA Subtest-2	24.67	24.53	24.41	25.50	22.72	22.83	23.00	24.50	23.20	23.21	23.08	24.50
3GPP Rel 6	HSDPA Subtest-3	24.66	24.51	24.40	25.00	22.16	22.33	22.47	24.00	22.80	22.80	22.58	24.00
3GPP Rel 6	HSDPA Subtest-4	24.67	24.48	24.31	25.00	22.20	22.33	22.46	24.00	22.71	22.78	22.55	24.00
3GPP Rel 6	DCHSDPA Subtest-1	24.67	24.45	24.29	25.50	22.56	22.84	22.97	24.50	23.15	23.23	23.11	24.50
3GPP Rel 6	DCHSDPA Subtest-2	24.56	24.36	24.29	25.50	22.71	22.76	22.99	24.50	23.10	23.18	23.07	24.50
3GPP Rel 6	DCHSDPA Subtest-3	24.65	24.41	24.27	25.00	22.01	22.20	22.32	24.00	22.65	22.75	22.67	24.00
3GPP Rel 6	DCHSDPA Subtest-4	24.64	24.42	24.23	25.00	22.14	22.18	22.36	24.00	22.63	22.73	22.60	24.00
3GPP Rel 6	HSUPA Subtest-1	21.66	21.50	21.45	23.00	20.76	21.02	21.16	22.50	21.25	21.33	21.26	22.50
3GPP Rel 6	HSUPA Subtest-2	21.55	21.56	21.39	23.00	20.80	20.94	21.18	22.50	21.35	21.28	21.29	22.50
3GPP Rel 6	HSUPA Subtest-3	22.68	22.49	22.42	23.50	21.77	21.97	22.16	23.50	22.31	22.35	22.29	23.50
3GPP Rel 6	HSUPA Subtest-4	21.11	21.06	20.97	22.00	20.34	20.50	20.61	21.50	20.76	20.74	20.73	21.50
3GPP Rel 6	HSUPA Subtest-5	22.50	22.50	22.40	23.50	21.70	21.90	22.00	23.50	22.20	22.30	22.20	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.01	21.86	21.88	23.50	20.15	20.30	20.61	22.00	20.90	20.95	20.88	22.00

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	24.25	24.19	24.18	25.5	0
20	QPSK	1	49	24.48	24.50	24.50	25.5	0
20	QPSK	1	99	24.16	24.18	24.22	25.5	0
20	QPSK	50	0	23.55	23.53	23.28	24.5	1
20	QPSK	50	24	23.41	23.48	23.38	24.5	1
20	QPSK	50	50	23.29	23.26	23.48	24.5	1
20	QPSK	100	0	23.45	23.33	23.61	24.5	1
20	16QAM	1	0	23.79	23.80	23.69	24.5	1
20	16QAM	1	49	23.91	23.81	23.84	24.5	1
20	16QAM	1	99	23.89	23.81	23.47	24.5	1
20	16QAM	50	0	22.57	22.35	22.54	23.5	2
20	16QAM	50	24	22.39	22.37	22.48	23.5	2
20	16QAM	50	50	22.35	22.32	22.56	23.5	2
20	16QAM	100	0	22.39	22.34	22.57	23.5	2
20	64QAM	1	0	22.70	22.72	22.54	23.5	2
20	64QAM	1	49	22.87	22.80	22.68	23.5	2
20	64QAM	1	99	22.30	22.09	22.10	23.5	2
20	64QAM	50	0	21.56	21.35	21.50	22.5	3
20	64QAM	50	24	21.51	21.42	21.39	22.5	3
20	64QAM	50	50	21.32	21.22	21.43	22.5	3
20	64QAM	100	0	21.38	21.37	21.56	22.5	3
Channel								
Frequency (MHz)								
15	QPSK	1	0	24.14	24.14	24.22	25.5	0
15	QPSK	1	49	24.44	24.44	24.34	25.5	0
15	QPSK	1	74	24.11	24.13	24.12	25.5	0
15	QPSK	36	0	23.46	23.53	23.46	24.5	1
15	QPSK	36	20	23.28	23.38	23.39	24.5	1
15	QPSK	36	39	23.26	23.22	23.29	24.5	1
15	QPSK	75	0	23.36	23.42	23.44	24.5	1
15	16QAM	1	0	23.77	23.76	23.88	24.5	1
15	16QAM	1	37	23.87	23.79	23.84	24.5	1
15	16QAM	1	74	23.68	23.58	23.66	24.5	1
15	16QAM	36	0	22.47	22.44	22.51	23.5	2
15	16QAM	36	20	22.28	22.29	22.31	23.5	2
15	16QAM	36	39	22.22	22.29	22.34	23.5	2
15	16QAM	75	0	22.36	22.36	22.35	23.5	2
15	64QAM	1	0	22.80	22.58	22.59	23.5	2
15	64QAM	1	37	22.84	22.62	22.67	23.5	2
15	64QAM	74	0	22.18	22.15	22.18	23.5	2
15	64QAM	36	0	21.55	21.55	21.54	22.5	3
15	64QAM	36	20	21.45	21.41	21.44	22.5	3
15	64QAM	36	39	21.30	21.24	21.29	22.5	3
15	64QAM	75	0	21.31	21.29	21.33	22.5	3
Channel								
Frequency (MHz)								
10	QPSK	1	0	24.24	24.12	24.24	25.5	0
10	QPSK	1	25	24.37	24.42	24.44	25.5	0
10	QPSK	1	49	24.08	24.04	24.11	25.5	0
10	QPSK	25	0	23.47	23.48	23.43	24.5	1
10	QPSK	25	12	23.31	23.29	23.34	24.5	1
10	QPSK	25	25	23.17	23.18	23.18	24.5	1
10	QPSK	50	0	23.32	23.39	23.34	24.5	1
10	16QAM	1	0	23.74	23.77	23.72	24.5	1
10	16QAM	1	25	23.82	23.89	23.85	24.5	1
10	16QAM	1	49	23.59	23.56	23.60	24.5	1
10	16QAM	25	0	22.48	22.54	22.51	23.5	2
10	16QAM	25	12	22.35	22.34	22.38	23.5	2
10	16QAM	25	25	22.30	22.23	22.27	23.5	2
10	16QAM	50	0	22.30	22.27	22.37	23.5	2
10	64QAM	1	0	22.63	22.59	22.60	23.5	2
10	64QAM	1	25	22.53	22.56	22.54	23.5	2
10	64QAM	1	49	22.15	22.20	22.17	23.5	2
10	64QAM	25	0	21.53	21.53	21.52	22.5	3
10	64QAM	25	12	21.45	21.48	21.47	22.5	3
10	64QAM	25	25	21.27	21.27	21.26	22.5	3
10	64QAM	50	0	21.32	21.33	21.29	22.5	3
Channel								
Frequency (MHz)								
5	QPSK	1	0	24.24	24.16	24.37	25.5	0
5	QPSK	1	12	24.34	24.38	24.37	25.5	0
5	QPSK	1	24	24.08	24.05	24.06	25.5	0
5	QPSK	12	0	23.51	23.43	23.44	24.5	1
5	QPSK	12	7	23.38	23.37	23.31	24.5	1
5	QPSK	12	13	23.21	23.26	23.34	24.5	1
5	QPSK	25	0	23.34	23.43	23.38	24.5	1
5	16QAM	1	0	23.77	23.67	23.66	24.5	1
5	16QAM	1	12	23.86	23.76	23.84	24.5	1
5	16QAM	1	24	23.62	23.63	23.65	24.5	1
5	16QAM	12	0	22.47	22.53	22.56	23.5	2
5	16QAM	12	7	22.38	22.34	22.37	23.5	2
5	16QAM	12	13	22.30	22.34	22.31	23.5	2
5	16QAM	25	0	22.28	22.29	22.37	23.5	2
5	64QAM	1	0	22.58	22.60	22.66	23.5	2
5	64QAM	1	12	22.54	22.52	22.55	23.5	2
5	64QAM	1	24	22.24	22.26	22.16	23.5	2
5	64QAM	12	0	21.48	21.48	21.51	22.5	3
5	64QAM	12	7	21.42	21.50	21.44	22.5	3
5	64QAM	12	13	21.22	21.26	21.25	22.5	3
5	64QAM	25	0	21.35	21.33	21.33	22.5	3
Channel								
Frequency (MHz)								
3	QPSK	1	0	24.18	24.20	24.17	25.5	0
3	QPSK	1	8	24.38	24.34	24.37	25.5	0
3	QPSK	1	14	24.12	24.03	24.03	25.5	0
3	QPSK	8	0	23.45	23.46	23.52	24.5	1
3	QPSK	8	4	23.37	23.28	23.32	24.5	1
3	QPSK	8	7	23.18	23.28	23.22	24.5	1
3	QPSK	15	0	23.32	23.35	23.39	24.5	1
3	16QAM	1	0	23.69	23.70	23.72	24.5	1
3	16QAM	1	8	23.82	23.89	23.87	24.5	1
3	16QAM	1	14	23.62	23.68	23.61	24.5	1
3	16QAM	8	0	22.45	22.50	22.47	23.5	2
3	16QAM	8	4	22.27	22.34	22.34	23.5	2
3	16QAM	8	7	22.24	22.23	22.29	23.5	2
3	16QAM	15	0	22.34	22.35	22.34	23.5	2
3	64QAM	1	0	22.61	22.67	22.56	23.5	2
3	64QAM	1	8	22.57	22.53	22.61	23.5	2
3	64QAM	1	14	22.15	22.18	22.28	23.5	2
3	64QAM	8	0	21.49	21.54	21.55	22.5	3
3	64QAM	8	4	21.47	21.46	21.50	22.5	3
3	64QAM	8	7	21.24	21.23	21.24	22.5	3
3	64QAM	15	0	21.35	21.33	21.37	22.5	3
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	24.30	24.19	24.09	25.5	0
1.4	QPSK	1	5	24.25	24.26	24.13	25.5	0
1.4	QPSK	1	9	24.42	24.36	24.12	25.5	0
1.4	QPSK	3	1	24.49	24.21	24.25	25.5	0
1.4	QPSK	3	3	24.44	24.31	24.25	25.5	0
1.4	QPSK	3	9	23.38	23.32	23.36	24.5	1
1.4	16QAM	1	0	23.81	23.11	23.60	24.5	1
1.4	16QAM	1	3	23.47	23.75	23.39	24.5	1
1.4	16QAM	5	0	23.43	23.40	23.41	24.5	1
1.4	16QAM	3	0	23.30	23.27	23.17	24.5	1
1.4	16QAM	3	1	23.48	23.30	23.10	24.5	1
1.4	16QAM	3	3	23.34	23.26	23.07	24.5	1
1.4	16QAM	6	0	22.40	22.46	22.26	23.5	2
1.4	64QAM	1	0	22.41	22.36	22.33	23.5	2
1.4	64QAM	3	0	22.51	22.61	22.30	23.5	2
1.4	64QAM	1	5	22.51	22.01	22.21	23.5	2
1.4	64QAM	3	0	22.60	22.32	22.09	23.5	2
1.4	64QAM	3	1	22.51	22.27	22.06	23.5	2
1.4	64QAM	3	3	22.60	22.44	22.02	23.5	2
1.4	64QAM	6	0	21.38	21.22	21.19	22.5	3

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
20050								
20175								
20175								
20	QPSK	1	0	23.91	23.98	23.90	25.5	0
20	QPSK	1	49	24.03	24.41	24.38	25.5	0
20	QPSK	1	99	23.86	23.96	24.04	25.5	0
20	QPSK	50	0	23.16	23.32	23.26	24.5	1
20	QPSK	50	24	23.12	23.22	23.16	24.5	1
20	QPSK	50	50	23.19	23.26	23.27	24.5	1
20	QPSK	100	0	23.06	23.11	23.18	24.5	1
20	16QAM	1	0	22.97	23.16	23.27	24.5	1
20	16QAM	1	49	23.05	23.42	23.54	24.5	1
20	16QAM	1	99	22.78	23.03	23.43	24.5	1
20	16QAM	50	0	22.02	22.16	22.12	23.5	2
20	16QAM	50	24	22.09	22.16	22.20	23.5	2
20	16QAM	50	50	22.01	22.22	22.24	23.5	2
20	16QAM	100	0	22.05	22.13	22.22	23.5	2
20	64QAM	1	0	22.11	22.16	22.94	23.5	2
20	64QAM	1	49	22.12	22.89	22.27	23.5	2
20	64QAM	1	99	21.96	22.18	22.02	23.5	2
20	64QAM	50	0	20.94	21.05	21.15	22.5	3
20	64QAM	50	24	20.97	21.10	21.10	22.5	3
20	64QAM	50	50	20.96	21.20	21.12	22.5	3
20	64QAM	100	0	20.96	21.09	21.14	22.5	3
20025								
20125								
20125								
15	QPSK	1	0	23.84	23.78	23.82	25.0	0
15	QPSK	1	37	24.02	23.93	23.96	25.0	0
15	QPSK	1	74	23.80	23.83	23.78	25.0	0
15	QPSK	36	0	23.03	23.14	23.14	24.5	1
15	QPSK	36	20	23.04	23.10	23.07	24.5	1
15	QPSK	36	36	23.12	23.12	23.08	24.5	1
15	QPSK	75	0	23.03	22.98	23.00	24.5	1
15	16QAM	1	0	22.96	22.96	22.85	24.5	1
15	16QAM	37	1	23.00	22.96	22.93	24.5	1
15	16QAM	1	74	22.75	22.72	22.67	23.5	2
15	16QAM	36	0	21.96	21.99	21.98	23.5	2
15	16QAM	36	20	22.08	21.98	21.96	23.5	2
15	16QAM	36	36	21.97	21.96	21.89	23.5	2
15	16QAM	75	0	22.04	21.92	21.97	23.5	2
15	64QAM	1	0	22.03	22.08	21.98	23.5	2
15	64QAM	1	37	22.02	22.08	22.02	23.5	2
15	64QAM	1	74	21.94	21.86	21.91	23.5	2
15	64QAM	36	0	20.88	20.84	20.84	22.5	3
15	64QAM	36	20	20.91	20.92	20.92	22.5	3
15	64QAM	36	36	20.94	20.96	20.91	22.5	3
15	64QAM	75	0	20.87	20.89	20.88	22.5	3
20000								
20125								
20050								
20125								
10	QPSK	1	0	23.79	23.82	23.85	25.0	0
10	QPSK	1	25	23.97	23.94	24.00	25.0	0
10	QPSK	1	49	23.82	23.76	23.79	25.0	0
10	QPSK	25	0	23.14	23.03	23.07	24.5	1
10	QPSK	25	12	23.09	22.97	23.04	24.5	1
10	QPSK	25	25	23.12	23.15	23.14	24.5	1
10	QPSK	50	0	22.98	23.03	23.04	24.5	1
10	16QAM	1	0	22.87	22.92	22.85	24.5	1
10	16QAM	1	25	23.00	23.05	23.04	24.5	1
10	16QAM	1	49	22.67	22.85	22.77	23.5	2
10	16QAM	25	0	21.94	21.96	21.95	23.5	2
10	16QAM	25	12	21.96	21.93	21.98	23.5	2
10	16QAM	25	25	21.88	21.93	22.00	23.5	2
10	16QAM	50	0	21.93	22.04	22.03	23.5	2
10	64QAM	1	0	22.07	21.97	22.08	23.5	2
10	64QAM	1	25	22.09	22.09	22.08	23.5	2
10	64QAM	1	49	21.87	21.93	21.81	22.5	3
10	64QAM	25	0	20.92	20.87	20.84	22.5	3
10	64QAM	25	12	20.96	20.88	20.87	22.5	3
10	64QAM	25	25	20.89	20.95	20.92	22.5	3
10	64QAM	50	0	20.91	20.92	20.92	22.5	3
19975								
20075								
20075								
20125								
5	QPSK	1	0	23.69	23.69	23.67	25.0	0
5	QPSK	1	12	23.92	23.95	23.94	25.0	0
5	QPSK	1	24	23.81	23.76	23.73	25.0	0
5	QPSK	12	0	23.15	23.07	23.13	24.5	1
5	QPSK	12	7	22.99	23.10	23.10	24.5	1
5	QPSK	12	13	23.02	23.10	23.13	24.5	1
5	QPSK	25	0	23.01	22.99	23.02	24.5	1
5	16QAM	1	0	22.94	22.95	22.94	24.5	1
5	16QAM	1	12	22.96	23.00	23.04	24.5	1
5	16QAM	1	24	22.75	22.70	22.66	23.5	2
5	16QAM	12	0	21.96	22.01	21.97	23.5	2
5	16QAM	12	7	21.98	22.07	21.99	23.5	2
5	16QAM	12	13	21.95	22.00	21.91	23.5	2
5	16QAM	25	0	21.98	22.03	21.96	23.5	2
5	64QAM	1	0	21.98	22.07	22.05	23.5	2
5	64QAM	1	12	21.97	22.03	22.10	23.5	2
5	64QAM	1	24	21.82	21.88	21.93	22.5	3
5	64QAM	12	0	20.92	20.83	20.87	22.5	3
5	64QAM	12	7	20.88	20.94	20.88	22.5	3
5	64QAM	12	13	20.91	20.94	20.89	22.5	3
5	64QAM	25	0	20.92	20.94	20.93	22.5	3
19965								
20075								
20075								
20125								
3	QPSK	1	0	23.90	23.78	23.87	25.0	0
3	QPSK	1	8	23.93	24.01	23.98	25.0	0
3	QPSK	1	14	23.74	23.81	23.77	25.0	0
3	QPSK	8	0	23.07	23.03	23.09	24.5	1
3	QPSK	8	4	23.05	23.02	23.04	24.5	1
3	QPSK	8	14	23.14	23.15	23.08	24.5	1
3	QPSK	15	0	23.03	22.97	22.98	24.5	1
3	16QAM	1	0	22.84	22.85	22.86	24.5	1
3	16QAM	1	8	22.92	22.97	22.93	24.5	1
3	16QAM	1	14	22.73	22.85	22.77	23.5	2
3	16QAM	8	0	21.95	21.95	21.98	23.5	2
3	16QAM	8	4	22.08	22.03	22.04	23.5	2
3	16QAM	8	7	21.89	21.98	21.92	23.5	2
3	64QAM	15	0	22.04	22.02	22.02	23.5	2
3	64QAM	1	0	22.06	21.97	22.05	23.5	2
3	64QAM	1	8	21.97	21.99	21.99	23.5	2
3	64QAM	1	14	21.88	21.81	21.91	22.5	3
3	64QAM	8	0	20.89	20.84	20.84	22.5	3
3	64QAM	8	4	20.89	20.90	20.93	22.5	3
3	64QAM	8	7	20.91	20.93	20.92	22.5	3
3	64QAM	15	0	20.95	20.92	20.94	22.5	3
19967								
20075								
20093								
20125								
1.4	QPSK	1	0	23.58	23.69	24.01	24.5	1
1.4	QPSK	1	3	23.71	23.99	24.19	24.5	1
1.4	QPSK	1	6	23.74	23.93	23.95	24.5	1
1.4	QPSK	3	0	23.79	23.96	24.04	24.5	1
1.4	QPSK	3	1	23.94	24.02	24.08	24.5	1
1.4	QPSK	3	2	23.72	24.02	24.01	24.5	1
1.4	QPSK	6	0	22.81	22.94	22.99	24.5	1
1.4	16QAM	1	0	22.80	23.32	23.53	24.5	1
1.4	16QAM	1	3	22.82	23.39	23.63	24.5	1
1.4	16QAM	1	5	22.76	23.45	23.61	24.5	1
1.4	16QAM	3	0	22.79	22.90	23.01	24.5	1
1.4	16QAM	3	1	22.81	22.93	23.06	24.5	1
1.4	16QAM	3	2	22.73	22.90	23.09	24.5	1
1.4	64QAM	6	0	21.96	22.13	22.21	23.5	2
1.4	64QAM	1	0	21.93	22.16	22.16	23.5	2
1.4	64QAM	1	3	22.06	22.25	22.06	23.5	2
1.4	64QAM	1	5	22.07	22.11	22.23	23.5	2
1.4	64QAM	3	0	21.08	22.03	22.04	22.5	3
1.4	64QAM	3	1	21.97	22.23	22.20	22.5	3
1.4	64QAM	3	2	21.96	22.06	22.08	22.5	3
1.4	64QAM	6	0	20.78	20.92	21.14	22.5	3

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				20400	20525	20600		
10	QPSK	1	0	23.68	23.70	23.72	25	0
10	QPSK	1	25	23.81	23.86	23.83		
10	QPSK	1	49	23.69	23.68	23.72		
10	QPSK	25	0	22.89	22.95	22.92	24	1
10	QPSK	25	12	22.82	22.82	22.80		
10	QPSK	25	25	22.87	22.71	22.86		
10	QPSK	50	0	22.89	22.91	22.90	24	1
10	16QAM	1	0	22.95	22.99	22.97		
10	16QAM	1	25	23.10	23.11	23.14		
10	16QAM	1	49	22.98	22.98	22.85	23	2
10	16QAM	25	0	21.88	21.72	21.90		
10	16QAM	25	12	21.85	21.78	21.87		
10	16QAM	25	25	21.88	21.73	21.84	22	3
10	16QAM	50	0	21.87	21.73	21.90		
10	64QAM	1	0	21.88	21.88	21.95		
10	64QAM	1	25	22.04	21.97	22.07	23	2
10	64QAM	1	49	21.83	21.86	21.78		
10	64QAM	25	0	20.94	20.80	20.97		
10	64QAM	25	12	20.90	20.89	20.93	22	3
10	64QAM	25	25	20.94	20.78	20.94		
10	64QAM	50	0	20.93	20.80	20.94		
Channel				20405	20525	20605		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.58	23.57	23.59	25	0
5	QPSK	1	12	23.62	23.65	23.65		
5	QPSK	1	24	23.63	23.55	23.56		
5	QPSK	12	0	22.74	22.68	22.68	24	1
5	QPSK	12	7	22.76	22.73	22.77		
5	QPSK	12	13	22.73	22.67	22.68		
5	QPSK	25	0	22.74	22.68	22.71	24	1
5	16QAM	1	0	22.72	22.80	22.84		
5	16QAM	1	12	23.08	23.02	23.05		
5	16QAM	1	24	22.84	22.78	22.72	23	2
5	16QAM	12	0	21.71	21.65	21.67		
5	16QAM	12	7	21.77	21.73	21.74		
5	16QAM	12	13	21.71	21.61	21.63	23	2
5	16QAM	25	0	21.73	21.66	21.68		
5	64QAM	1	0	21.70	21.71	21.74		
5	64QAM	1	12	22.02	22.01	21.96	23	2
5	64QAM	1	24	21.75	21.71	21.65		
5	64QAM	12	0	20.79	20.77	20.75		
5	64QAM	12	7	20.86	20.84	20.84	22	3
5	64QAM	12	13	20.75	20.73	20.75		
5	64QAM	25	0	20.78	20.72	20.74		
Channel				20415	20525	20635		
Frequency (MHz)				826.5	836.5	847.5		
3	QPSK	1	0	23.79	23.79	23.80	25	0
3	QPSK	1	8	23.81	23.77	23.77		
3	QPSK	1	14	23.84	23.71	23.77		
3	QPSK	8	0	22.83	22.81	22.78	24	1
3	QPSK	8	4	22.86	22.83	22.86		
3	QPSK	8	7	22.82	22.80	22.82		
3	QPSK	15	0	22.82	22.81	22.85	24	1
3	16QAM	1	0	23.02	22.99	23.07		
3	16QAM	1	8	23.03	23.05	22.97		
3	16QAM	1	14	23.04	23.01	23.02	23	2
3	16QAM	8	0	21.87	21.82	21.86		
3	16QAM	8	4	21.91	21.86	21.85		
3	16QAM	8	7	21.88	21.84	21.82	23	2
3	16QAM	15	0	21.79	21.77	21.81		
3	64QAM	1	0	22.00	21.93	21.86		
3	64QAM	1	8	22.02	21.94	21.90	23	2
3	64QAM	1	14	21.84	21.89	21.88		
3	64QAM	8	0	20.96	20.90	20.92		
3	64QAM	8	4	20.99	20.92	20.97	22	3
3	64QAM	8	7	20.94	20.90	20.87		
3	64QAM	15	0	20.85	20.88	20.90		
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.75	23.72	23.73	25	0
1.4	QPSK	1	3	23.84	23.85	23.83		
1.4	QPSK	1	5	23.77	23.70	23.71		
1.4	QPSK	3	0	23.83	23.83	23.83	24	1
1.4	QPSK	3	1	23.85	23.81	23.83		
1.4	QPSK	3	3	23.79	23.83	23.80		
1.4	QPSK	6	0	22.85	22.80	22.86	24	1
1.4	16QAM	1	0	22.99	22.99	22.85		
1.4	16QAM	1	3	23.04	23.10	23.07		
1.4	16QAM	1	5	22.98	22.98	22.90	24	1
1.4	16QAM	3	0	22.78	22.82	22.75		
1.4	16QAM	3	1	22.81	22.84	22.84		
1.4	16QAM	3	3	22.75	22.78	22.73	23	2
1.4	16QAM	6	0	21.80	21.88	21.91		
1.4	64QAM	1	0	21.92	21.78	21.87		
1.4	64QAM	1	3	22.01	22.00	21.98	23	2
1.4	64QAM	1	5	21.92	21.88	21.82		
1.4	64QAM	3	0	21.93	21.90	21.87		
1.4	64QAM	3	1	21.96	21.98	21.98	22	3
1.4	64QAM	3	3	21.94	21.91	21.88		
1.4	64QAM	6	0	20.85	20.89	20.87		

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23066	23150		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.95	23.91	23.94	25	0
10	QPSK	1	25	24.13	24.17	24.14		
10	QPSK	1	49	24.04	23.98	23.98		
10	QPSK	25	0	23.21	23.25	23.20	24	1
10	QPSK	25	12	23.16	23.17	23.13		
10	QPSK	25	25	23.17	23.20	23.16		
10	QPSK	50	0	23.12	23.20	23.12	24	1
10	16QAM	1	0	23.23	23.19	23.26		
10	16QAM	1	25	23.44	23.41	23.32		
10	16QAM	1	49	23.38	23.27	23.27	23	2
10	16QAM	25	0	22.12	22.11	22.06		
10	16QAM	25	12	22.16	22.17	22.13		
10	16QAM	25	25	22.19	22.19	22.12	23	2
10	16QAM	50	0	22.17	22.15	22.08		
10	64QAM	1	0	22.08	22.10	22.16		
10	64QAM	1	25	22.36	22.33	22.37	23	2
10	64QAM	1	49	22.21	22.28	22.21		
10	64QAM	25	0	21.18	21.09	21.09		
10	64QAM	25	12	21.15	21.17	21.15	22	3
10	64QAM	25	25	21.22	21.20	21.11		
10	64QAM	50	0	21.17	21.15	21.11		
Channel				23078	23086	23165	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.77	23.79	23.76	25	0
5	QPSK	1	12	24.13	24.13	24.12		
5	QPSK	1	24	23.84	23.82	23.84		
5	QPSK	12	0	23.03	23.04	23.04	24	1
5	QPSK	12	7	23.13	23.08	23.08		
5	QPSK	12	13	23.03	23.08	23.03		
5	QPSK	25	0	23.02	23.07	23.03	24	1
5	16QAM	1	0	23.06	23.11	23.06		
5	16QAM	1	12	23.39	23.40	23.32		
5	16QAM	1	24	23.18	23.18	23.12	23	2
5	16QAM	12	0	22.01	22.00	22.00		
5	16QAM	12	7	22.06	22.06	22.06		
5	16QAM	12	13	22.02	22.05	21.98	23	2
5	16QAM	25	0	22.05	22.04	22.01		
5	64QAM	1	0	21.96	22.05	22.02		
5	64QAM	1	12	22.35	22.39	22.28	23	2
5	64QAM	1	24	22.05	22.06	22.03		
5	64QAM	12	0	21.03	21.04	21.06		
5	64QAM	12	7	21.11	21.12	21.13	22	3
5	64QAM	12	13	21.05	21.06	21.03		
5	64QAM	25	0	21.01	21.03	21.00		
Channel				23095	23096	23169	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
3	QPSK	1	0	24.05	24.04	24.04	25	0
3	QPSK	1	8	24.06	24.04	24.02		
3	QPSK	1	14	24.06	24.06	24.03		
3	QPSK	8	0	23.13	23.16	23.18	24	1
3	QPSK	8	4	23.17	23.17	23.20		
3	QPSK	8	7	23.19	23.14	23.17		
3	16QAM	15	0	23.18	23.18	23.18	24	1
3	16QAM	1	0	23.38	23.34	23.34		
3	16QAM	1	8	23.36	23.39	23.25		
3	16QAM	1	14	23.39	23.31	23.32	23	2
3	16QAM	8	0	22.18	22.21	22.19		
3	16QAM	8	4	22.23	22.24	22.24		
3	16QAM	8	7	22.19	22.18	22.17	23	2
3	16QAM	15	0	22.18	22.15	22.16		
3	64QAM	1	0	22.24	22.32	22.19		
3	64QAM	1	14	22.29	22.29	22.28	23	2
3	64QAM	1	14	22.29	22.25	22.30		
3	64QAM	8	0	21.17	21.17	21.18		
3	64QAM	8	7	21.22	21.22	21.20	22	3
3	64QAM	8	7	21.21	21.20	21.15		
3	64QAM	15	0	21.16	21.17	21.11		
Channel				23017	23065	23162	Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	713.3		
1.4	QPSK	1	0	23.62	23.60	23.89	25	0
1.4	QPSK	1	3	24.03	24.03	24.03		
1.4	QPSK	1	5	23.94	23.90	23.92		
1.4	QPSK	3	0	24.03	23.99	24.00	24	1
1.4	QPSK	3	1	24.07	24.01	24.08		
1.4	QPSK	3	3	24.05	23.88	24.02		
1.4	QPSK	6	0	23.07	23.11	23.09	24	1
1.4	16QAM	1	3	23.24	23.26	23.26		
1.4	16QAM	1	3	23.32	23.38	23.31		
1.4	16QAM	1	5	23.26	23.20	23.17	24	1
1.4	16QAM	3	3	23.04	23.04	22.99		
1.4	16QAM	3	1	23.08	23.08	23.06		
1.4	16QAM	3	3	23.06	23.01	23.03	23	2
1.4	16QAM	6	3	22.12	22.15	22.16		
1.4	64QAM	1	0	22.18	22.04	22.12		
1.4	64QAM	1	3	22.23	22.30	22.31	23	2
1.4	64QAM	1	5	22.13	22.17	22.11		
1.4	64QAM	3	0	22.15	22.14	22.14		
1.4	64QAM	3	1	22.22	22.21	22.25	22	3
1.4	64QAM	3	3	22.19	22.18	22.17		
1.4	64QAM	6	0	21.07	21.07	21.05		

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel							25320	
Frequency (MHz)								
10	QPSK	1	0		762	23.83	25	0
10	QPSK	1	25		24.05	23.83		
10	QPSK	1	49		23.79	23.79		
10	QPSK	25	0		22.99	22.99		
10	QPSK	25	12		22.93	22.93	24	1
10	QPSK	25	25		22.96	22.96		
10	QPSK	50	0		22.98	22.98		
10	16QAM	1	0		23.00	23.00		
10	16QAM	1	25		23.21	23.21	24	1
10	16QAM	1	49		23.08	23.08		
10	16QAM	25	0		21.98	21.98		
10	16QAM	25	12		22.03	22.03		
10	16QAM	25	25		22.06	22.06	23	2
10	16QAM	50	0		22.02	22.02		
10	64QAM	1	0		21.98	21.98		
10	64QAM	1	25		22.23	22.23		
10	64QAM	1	49		22.03	22.03	23	2
10	64QAM	25	0		20.93	20.93		
10	64QAM	25	12		21.00	21.00		
10	64QAM	25	25		21.03	21.03		
10	64QAM	50	0		21.00	21.00	22	3
Channel								
Frequency (MHz)							23205	
5	QPSK	1	0	779.5	779.5	779.5	25	0
5	QPSK	1	12	24.03	24.04	24.01		
5	QPSK	1	24	23.79	23.76	23.72		
5	QPSK	12	0	22.83	22.86	22.86		
5	QPSK	12	7	22.85	22.95	22.92	24	1
5	QPSK	12	13	22.90	22.97	22.86		
5	QPSK	25	0	22.90	22.92	22.83		
5	16QAM	1	0	22.92	23.01	23.03		
5	16QAM	1	12	23.27	23.20	23.31	24	1
5	16QAM	1	24	23.08	23.01	23.02		
5	16QAM	12	0	21.87	21.93	21.91		
5	16QAM	12	7	22.01	22.02	21.99		
5	16QAM	12	13	21.94	22.01	21.93	23	2
5	16QAM	25	0	21.92	22.02	21.92		
5	64QAM	1	0	21.94	22.01	21.97		
5	64QAM	1	12	22.25	22.26	22.28		
5	64QAM	1	24	22.02	21.97	21.94	23	2
5	64QAM	12	0	20.93	20.97	20.94		
5	64QAM	12	7	21.05	21.03	21.02		
5	64QAM	12	13	20.95	21.04	20.95		
5	64QAM	25	0	20.94	21.02	20.90	22	3

Band 25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)			25.5	0
				1800				
20	QPSK	1	0	24.49	24.50	24.48	24.5	1
20	QPSK	1	49	24.67	24.83	24.61		
20	QPSK	1	99	24.45	24.34	24.22		
20	QPSK	50	0	23.66	23.73	23.50		
20	QPSK	50	24	23.61	23.65	23.65	24.5	1
20	QPSK	50	50	23.61	23.72	23.34		
20	QPSK	100	0	23.66	23.52	23.39		
20	16QAM	1	0	23.97	23.63	23.48		
20	16QAM	1	49	23.90	23.89	23.98	24.5	1
20	16QAM	1	99	23.46	23.42	23.32		
20	16QAM	50	0	22.70	22.59	22.51		
20	16QAM	50	24	22.77	22.57	22.60	23.5	2
20	16QAM	50	50	22.66	22.51	22.32		
20	16QAM	100	0	22.68	22.52	22.35		
20	64QAM	1	0	22.65	22.56	22.68	23.5	2
20	64QAM	1	49	22.62	22.72	22.80		
20	64QAM	1	99	22.54	22.73	22.45		
20	64QAM	50	0	21.85	21.56	21.56		
20	64QAM	50	24	21.74	21.72	21.58	22.5	3
20	64QAM	50	50	21.61	21.52	21.19		
20	64QAM	100	0	21.71	21.47	21.30		
Channel				Frequency (MHz)			Tune-up limit (dBm)	MPR (dB)
				1801.5				
15	QPSK	1	0	24.45	24.41	24.37	25.5	0
15	QPSK	1	37	24.77	24.71	24.62		
15	QPSK	1	74	24.44	24.39	24.32		
15	QPSK	36	0	23.66	23.71	23.68		
15	QPSK	36	30	23.70	23.78	23.77	24.5	1
15	QPSK	36	60	23.69	23.60	23.70		
15	QPSK	75	0	23.56	23.61	23.60		
15	16QAM	1	0	23.86	23.92	23.94		
15	16QAM	1	37	23.89	23.86	23.83	24.5	1
15	16QAM	1	74	23.45	23.33	23.33		
15	16QAM	36	0	22.64	22.63	22.65		
15	16QAM	36	20	22.71	22.76	22.66		
15	16QAM	36	39	22.65	22.59	22.56	23.5	2
15	16QAM	75	0	22.66	22.64	22.55		
15	64QAM	1	0	22.51	22.50	22.62		
15	64QAM	1	37	22.92	22.97	22.91		
15	64QAM	1	74	22.57	22.54	22.63	23.5	2
15	64QAM	36	0	21.79	21.84	21.76		
15	64QAM	36	20	21.72	21.71	21.85		
15	64QAM	36	39	21.56	21.55	21.60		
15	64QAM	75	0	21.63	21.63	21.63	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)				
				1809.0			25.5	0
				1807.5				
10	QPSK	1	0	24.40	24.48	24.41	24.5	1
10	QPSK	1	25	24.82	24.74	24.76		
10	QPSK	1	49	24.40	24.40	24.42		
10	QPSK	25	0	23.66	23.68	23.71		
10	QPSK	25	12	23.74	23.73	23.72	24.5	1
10	QPSK	25	25	23.69	23.68	23.68		
10	QPSK	50	0	23.83	23.84	23.64		
10	16QAM	1	0	23.87	23.87	23.88		
10	16QAM	1	25	23.89	23.79	23.86	24.5	1
10	16QAM	1	49	23.36	23.42	23.34		
10	16QAM	25	0	22.62	22.69	22.57		
10	16QAM	25	12	22.67	22.75	22.76		
10	16QAM	25	25	22.59	22.58	22.62	23.5	2
10	16QAM	50	0	22.63	22.58	22.61		
10	64QAM	1	0	22.54	22.53	22.65		
10	64QAM	1	25	23.04	23.04	22.95		
10	64QAM	1	49	22.61	22.56	22.54	23.5	2
10	64QAM	25	0	21.80	21.84	21.81		
10	64QAM	25	12	21.88	21.86	21.87		
10	64QAM	25	25	21.56	21.55	21.53		
10	64QAM	50	0	21.67	21.69	21.63	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)				
				1806.5			25.5	0
				1807.5				
5	QPSK	1	0	24.48	24.48	24.44	24.5	1
5	QPSK	1	12	24.77	24.82	24.82		
5	QPSK	1	24	24.39	24.34	24.44		
5	QPSK	12	0	23.69	23.65	23.61		
5	QPSK	12	7	23.61	23.76	23.73	24.5	1
5	QPSK	12	13	23.64	23.71	23.68		
5	QPSK	25	0	23.61	23.61	23.61		
5	16QAM	1	0	23.84	23.85	23.95		
5	16QAM	1	12	23.82	23.83	23.83	24.5	1
5	16QAM	1	24	23.35	23.36	23.39		
5	16QAM	12	0	22.57	22.62	22.58		
5	16QAM	12	7	22.73	22.74	22.67		
5	16QAM	12	13	22.56	22.65	22.63	23.5	2
5	16QAM	25	0	22.68	22.64	22.66		
5	64QAM	1	0	22.61	22.55	22.62		
5	64QAM	1	12	22.94	22.94	23.00		
5	64QAM	1	24	22.58	22.59	22.50	23.5	2
5	64QAM	12	0	21.79	21.82	21.84		
5	64QAM	12	7	21.66	21.68	21.68		
5	64QAM	12	13	21.62	21.59	21.58	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)				
				1805.5			25.5	0
				1807.5				
3	QPSK	1	0	24.41	24.42	24.42	25.5	0
3	QPSK	1	8	24.73	24.71	24.75		
3	QPSK	1	16	24.40	24.41	24.40		
3	QPSK	8	0	23.68	23.69	23.70		
3	QPSK	8	4	23.76	23.82	23.73	24.5	1
3	QPSK	8	7	23.67	23.70	23.62		
3	QPSK	15	0	23.57	23.59	23.60		
3	16QAM	1	0	23.92	23.92	23.91		
3	16QAM	1	8	23.78	23.88	23.81	24.5	1
3	16QAM	1	14	23.38	23.34	23.36		
3	16QAM	8	0	22.59	22.69	22.59		
3	16QAM	8	4	22.75	22.69	22.74		
3	16QAM	8	7	22.63	22.63	22.54	23.5	2
3	16QAM	15	0	22.65	22.66	22.64		
3	64QAM	1	0	22.52	22.54	22.59		
3	64QAM	1	8	22.93	23.05	23.06		
3	64QAM	1	14	22.54	22.59	22.53	23.5	1
3	64QAM	8	0	21.81	21.84	21.79		
3	64QAM	8	4	21.64	21.67	21.65		
3	64QAM	8	7	21.53	21.58	21.52		
3	64QAM	15	0	21.61	21.68	21.61	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)				
				1804.7			25.5	0
				1807.5				
1.4	QPSK	1	0	24.35	24.33	24.30	25.5	0
1.4	QPSK	1	3	24.41	24.54	24.41		
1.4	QPSK	1	5	24.34	24.26	24.17		
1.4	QPSK	3	0	24.46	24.27	24.27		
1.4	QPSK	3	1	24.50	24.51	24.51	24.5	1
1.4	QPSK	3	3	24.50	24.43	24.42		
1.4	QPSK	6	0	23.52	23.38	23.38		
1.4	16QAM	1	0	23.56	23.76	23.54		
1.4	16QAM	1	3	23.82	24.01	23.51	24.5	1
1.4	16QAM	1	5	23.75	23.75	23.52		
1.4	16QAM	3	0	23.52	23.38	23.22		
1.4	16QAM	3	1	23.61	23.48	23.42		
1.4	16QAM	3	3	23.50	23.50	23.29	23.5	2
1.4	16QAM	6	0	22.41	22.59	22.28		
1.4	64QAM	1	0	22.72	22.65	22.33		
1.4	64QAM	1	3	22.56	22.55	22.54		
1.4	64QAM	1	5	22.66	22.31	22.52	23.5	2
1.4	64QAM	3	0	22.69	22.46	22.46		
1.4	64QAM	3	1	22.44	22.51	22.56		
1.4	64QAM	3	3	22.31	22.57	22.15		
1.4	64QAM	6	0	21.63	21.54	21.35	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)				
				1807.5			22.5	3
				1807.5				

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Tune-up limit (dBm)	MPR (dB)
				821.5	831.5	841.5		
15	QPSK	1	0	23.80	23.79	23.80	25	0
15	QPSK	1	0	24.07	24.07	24.00		
15	QPSK	1	74	23.82	23.77	23.79		
15	QPSK	36	0	22.98	23.00	22.97	24	1
15	QPSK	36	20	22.94	22.95	22.93		
15	QPSK	36	39	22.88	22.96	22.91		
15	QPSK	75	0	22.90	23.01	22.89	24	1
15	16QAM	1	0	23.05	23.01	23.09		
15	16QAM	1	37	23.32	23.25	23.30		
15	16QAM	1	74	23.16	22.99	23.00	23	2
15	16QAM	36	0	21.87	21.89	21.95		
15	16QAM	36	20	21.95	21.95	21.98		
15	16QAM	36	39	21.85	21.95	21.95	23	2
15	16QAM	75	0	21.88	21.92	21.98		
15	64QAM	1	0	21.98	21.89	21.96		
15	64QAM	1	37	22.16	22.22	22.18	23	2
15	64QAM	1	74	22.01	22.00	21.91		
15	64QAM	36	0	20.95	21.00	21.01		
15	64QAM	36	20	21.02	21.04	21.05	22	3
15	64QAM	36	39	20.92	21.03	21.04		
15	64QAM	75	0	20.96	21.01	21.07		
Channel				26740	26742	26750	Tune-up limit (dBm)	MPR (dB)
				815	831.5	844	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	Frequency (MHz)	Frequency (MHz)		
10	QPSK	1	0	23.85	23.89	23.89	25	0
10	QPSK	1	25	24.01	24.03	24.08		
10	QPSK	1	39	23.94	23.83	23.86		
10	QPSK	25	0	22.92	22.95	23.13	24	1
10	QPSK	25	12	22.87	22.99	23.05		
10	QPSK	25	25	22.93	23.08	23.03		
10	QPSK	50	0	22.95	22.98	23.05	24	1
10	16QAM	1	0	23.14	23.12	23.16		
10	16QAM	1	25	23.25	23.29	23.30		
10	16QAM	1	49	23.18	23.07	23.08	23	2
10	16QAM	25	0	21.91	21.92	22.11		
10	16QAM	25	12	21.95	22.00	22.00		
10	16QAM	25	25	21.90	22.08	22.07	23	2
10	16QAM	50	0	21.93	21.99	22.03		
10	64QAM	1	0	21.99	22.02	22.04		
10	64QAM	1	25	22.18	22.25	22.21	22	3
10	64QAM	1	49	22.06	22.08	21.97		
10	64QAM	25	0	20.97	21.00	21.16		
10	64QAM	25	12	21.04	21.07	21.07	22	3
10	64QAM	25	25	20.98	21.08	21.08		
10	64QAM	50	0	21.00	21.05	21.14		
Channel				26715	26695	27015	Tune-up limit (dBm)	MPR (dB)
				818.5	831.5	845.5	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	Frequency (MHz)	Frequency (MHz)		
5	QPSK	1	0	23.80	23.85	23.83	25	0
5	QPSK	1	12	24.10	24.00	24.07		
5	QPSK	1	24	23.85	23.75	23.77		
5	QPSK	12	0	22.90	22.92	22.89	24	1
5	QPSK	12	7	23.01	23.01	23.01		
5	QPSK	12	13	22.96	23.00	22.93		
5	QPSK	25	0	22.97	22.97	22.95	24	1
5	16QAM	1	0	23.05	23.06	23.07		
5	16QAM	1	23	23.39	23.40	23.33		
5	16QAM	1	24	23.07	23.10	22.93	23	2
5	16QAM	12	0	21.90	21.89	21.89		
5	16QAM	12	7	21.97	22.04	21.98		
5	16QAM	12	13	21.97	21.97	21.89	23	2
5	16QAM	25	0	21.86	22.00	21.95		
5	16QAM	1	0	21.94	21.97	21.96		
5	64QAM	1	12	22.25	22.25	22.23	22	3
5	64QAM	1	24	22.00	21.99	21.87		
5	64QAM	12	0	21.01	20.99	21.00		
5	64QAM	12	7	21.09	21.11	21.08	22	3
5	64QAM	12	13	21.02	21.06	21.02		
5	64QAM	25	0	21.03	21.02	21.02		
Channel				26795	26685	27025	Tune-up limit (dBm)	MPR (dB)
				816.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	Frequency (MHz)	Frequency (MHz)		
3	QPSK	1	0	23.91	23.92	23.91	25	0
3	QPSK	1	8	23.95	23.92	23.93		
3	QPSK	1	14	23.89	23.92	23.88		
3	QPSK	8	0	22.91	22.93	22.95	24	1
3	QPSK	8	4	22.93	22.99	22.97		
3	QPSK	8	7	22.85	22.97	22.91		
3	QPSK	15	0	22.91	22.97	22.92	24	1
3	16QAM	1	0	23.11	23.14	23.16		
3	16QAM	1	8	23.20	23.14	23.14		
3	16QAM	1	14	23.19	23.18	23.11	23	2
3	16QAM	8	0	21.98	21.98	22.00		
3	16QAM	8	4	21.97	22.03	21.98		
3	16QAM	8	7	22.03	22.02	21.95	23	2
3	16QAM	15	0	21.91	21.96	21.95		
3	64QAM	1	0	22.05	22.02	22.10		
3	64QAM	1	8	22.06	22.14	22.06	22	3
3	64QAM	1	14	22.11	22.20	21.96		
3	64QAM	8	0	21.04	21.06	21.02		
3	64QAM	8	4	21.04	21.06	21.08	22	3
3	64QAM	8	7	21.06	21.06	21.03		
3	64QAM	15	0	21.01	21.05	20.99		
Channel				26697	26665	27033	Tune-up limit (dBm)	MPR (dB)
				1347	1317	1343	Tune-up limit (dBm)	MPR (dB)
				Frequency (MHz)	Frequency (MHz)	Frequency (MHz)		
1.4	QPSK	1	0	23.87	23.85	23.84	25	0
1.4	QPSK	1	3	24.03	23.96	23.95		
1.4	QPSK	1	5	23.86	23.87	23.82		
1.4	QPSK	3	0	23.94	23.96	23.89	24	1
1.4	QPSK	3	1	23.99	24.01	24.00		
1.4	QPSK	3	3	23.93	23.92	23.91		
1.4	QPSK	6	0	22.93	22.96	22.99	24	1
1.4	16QAM	1	0	23.07	23.14	23.01		
1.4	16QAM	1	3	23.22	23.15	23.13		
1.4	16QAM	1	3	23.14	23.08	23.05	23	2
1.4	16QAM	3	0	22.90	22.92	22.90		
1.4	16QAM	3	1	22.98	22.99	22.90		
1.4	16QAM	3	3	22.93	22.96	22.85	23	2
1.4	16QAM	6	0	22.20	22.08	22.02		
1.4	64QAM	1	0	22.04	22.07	22.02		
1.4	64QAM	1	3	22.17	22.10	22.04	23	2
1.4	64QAM	1	5	22.01	22.05	21.86		
1.4	64QAM	3	0	21.02	21.06	21.07		
1.4	64QAM	3	1	22.07	22.10	22.06	22	3
1.4	64QAM	3	3	22.03	22.05	21.91		
1.4	64QAM	6	0	21.02	21.03	20.99		

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
20	QPSK	1	0	23.92	24.18	24.14	25.5	0
20	QPSK	1	46	24.09	24.48	24.41		
20	QPSK	1	99	23.85	24.15	23.98		
20	QPSK	50	0	23.13	23.38	23.18	24.5	1
20	QPSK	50	24	23.15	23.48	23.32		
20	QPSK	50	50	23.11	23.62	23.24		
20	QPSK	100	0	23.01	23.39	23.20	24.5	1
20	16QAM	1	0	23.29	23.37	23.27		
20	16QAM	1	46	23.05	23.90	23.41		
20	16QAM	1	99	23.03	23.21	23.35	23.5	2
20	16QAM	50	0	22.13	22.34	22.21		
20	16QAM	50	24	22.99	22.52	22.16		
20	16QAM	50	50	21.97	22.23	22.22	23.5	2
20	16QAM	100	0	22.03	22.37	22.25		
20	64QAM	1	0	22.10	22.39	22.28		
20	64QAM	1	49	22.23	22.51	22.58	22.5	2
20	64QAM	1	99	22.16	22.51	21.84		
20	64QAM	50	0	21.05	21.49	21.10		
20	64QAM	50	24	21.12	21.42	21.24	22.5	3
20	64QAM	50	50	21.06	21.19	21.18		
20	64QAM	100	0	20.94	21.43	21.22		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
15	QPSK	1	0	23.91	23.87	23.85	25.5	0
15	QPSK	1	37	24.05	24.05	24.00		
15	QPSK	1	74	23.78	23.74	23.81		
15	QPSK	36	0	23.08	23.07	23.07	24.5	1
15	QPSK	36	20	23.05	23.07	23.11		
15	QPSK	36	36	23.06	23.03	23.05		
15	QPSK	75	0	23.00	22.83	22.85	24.5	1
15	16QAM	1	0	23.22	23.20	23.16		
15	16QAM	1	37	22.69	22.89	22.97		
15	16QAM	1	74	22.90	22.97	22.97	23.5	2
15	16QAM	36	0	22.10	22.02	22.09		
15	16QAM	36	20	22.04	22.03	21.91		
15	16QAM	36	36	21.87	21.83	21.80	23.5	2
15	16QAM	75	0	22.01	21.86	21.82		
15	64QAM	1	0	22.00	21.89	21.89		
15	64QAM	1	37	22.22	22.18	22.13	22.5	2
15	64QAM	1	74	22.12	22.02	22.01		
15	64QAM	36	0	21.07	21.02	21.00		
15	64QAM	36	20	21.02	21.03	21.05	22.5	3
15	64QAM	36	36	21.03	21.05	20.96		
15	64QAM	75	0	20.89	20.89	20.85		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
10	QPSK	1	0	23.90	23.79	23.85	25.5	0
10	QPSK	1	25	23.98	24.08	24.08		
10	QPSK	1	49	23.76	23.80	23.82		
10	QPSK	25	0	23.00	23.06	23.06	24.5	1
10	QPSK	25	12	23.14	23.06	23.03		
10	QPSK	25	25	23.01	23.08	23.05		
10	QPSK	50	0	22.85	22.88	22.88	24.5	1
10	16QAM	1	0	23.23	23.16	23.25		
10	16QAM	1	25	23.02	23.01	23.00		
10	16QAM	1	49	22.91	22.97	23.00	23.5	2
10	16QAM	25	0	22.00	22.01	22.08		
10	16QAM	25	12	22.07	22.06	22.04		
10	16QAM	25	25	21.90	21.92	21.89	23.5	2
10	16QAM	50	0	21.96	21.87	21.93		
10	64QAM	1	0	21.98	22.05	22.01		
10	64QAM	1	25	22.08	22.19	22.18	22.5	3
10	64QAM	1	49	22.02	22.01	22.13		
10	64QAM	25	0	21.00	20.97	20.95		
10	64QAM	25	12	21.03	21.06	21.11	22.5	3
10	64QAM	25	25	21.02	20.96	21.02		
10	64QAM	50	0	20.94	20.98	20.95		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
5	QPSK	1	0	23.93	24.03	23.84	25.5	0
5	QPSK	1	12	24.04	24.00	24.03		
5	QPSK	1	24	23.77	23.83	23.77		
5	QPSK	12	0	23.08	23.04	23.12	24.5	1
5	QPSK	12	7	23.11	23.13	23.03		
5	QPSK	12	12	23.10	23.08	23.08		
5	QPSK	25	0	22.97	22.90	22.95	23.5	2
5	16QAM	1	0	23.21	23.24	23.16		
5	16QAM	1	12	22.94	22.93	22.98		
5	16QAM	1	24	22.97	22.93	22.90	23.5	2
5	16QAM	12	0	22.11	22.05	22.01		
5	16QAM	12	7	22.03	22.02	22.18		
5	16QAM	12	13	21.89	21.96	21.86	22.5	3
5	16QAM	25	0	21.92	21.91	21.98		
5	64QAM	1	0	21.97	22.00	22.08		
5	64QAM	1	12	22.14	22.21	22.15	24.5	1
5	64QAM	1	24	22.12	22.10	22.26		
5	64QAM	12	0	21.04	21.02	21.01		
5	64QAM	12	7	21.09	21.09	21.05	22.5	3
5	64QAM	12	13	20.96	21.00	21.05		
5	64QAM	25	0	20.94	20.90	20.90		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
3	QPSK	1	0	23.93	24.03	23.84	25.5	0
3	QPSK	1	8	24.01	24.06	23.98		
3	QPSK	1	14	23.84	23.74	23.78		
3	QPSK	8	0	23.06	23.10	23.07	24.5	1
3	QPSK	8	4	23.03	23.12	23.05		
3	QPSK	8	12	23.02	23.00	23.10		
3	QPSK	15	0	22.90	22.90	22.90	23.5	2
3	16QAM	1	0	23.22	23.18	23.23		
3	16QAM	1	8	22.95	22.89	22.97		
3	16QAM	1	14	23.00	22.93	22.97	24.5	1
3	16QAM	8	0	22.01	22.06	22.04		
3	16QAM	8	4	22.08	22.02	22.08		
3	16QAM	8	7	21.80	21.81	21.92	22.5	3
3	16QAM	15	0	21.96	21.89	22.01		
3	64QAM	1	0	22.07	22.07	22.15		
3	64QAM	1	8	22.14	22.18	22.11	24.5	1
3	64QAM	1	14	22.12	22.04	22.01		
3	64QAM	8	0	21.03	21.01	21.04		
3	64QAM	8	4	21.03	21.11	21.10	22.5	3
3	64QAM	8	7	20.98	21.05	21.01		
3	64QAM	15	0	20.98	20.84	20.81		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
1.4	QPSK	1	0	23.93	23.80	23.84	25.5	0
1.4	QPSK	1	3	23.80	23.91	24.17		
1.4	QPSK	1	6	23.80	23.83	24.06		
1.4	QPSK	3	0	23.75	23.70	24.12	24.5	1
1.4	QPSK	3	1	23.74	24.11	24.19		
1.4	QPSK	3	2	23.71	23.85	24.33		
1.4	QPSK	6	0	22.71	22.92	23.28	24.5	1
1.4	16QAM	1	0	22.83	23.39	23.43		
1.4	16QAM	1	3	23.31	23.63	23.70		
1.4	16QAM	1	5	23.12	23.05	23.27	23.5	2
1.4	16QAM	3	0	22.81	22.85	22.97		
1.4	16QAM	3	1	22.71	22.95	22.46		
1.4	16QAM	3	3	22.68	23.04	23.07	22.5	3
1.4	16QAM	6	0	21.88	22.09	22.29		
1.4	64QAM	1	0	21.01	21.10	21.20		
1.4	64QAM	1	3	21.95	22.30	22.40	24.5	1
1.4	64QAM	1	5	21.90	22.24	22.41		
1.4	64QAM	3	0	21.98	22.08	22.23		
1.4	64QAM	3	1	22.08	22.13	22.25	22.5	3
1.4	64QAM	3	2	21.99	22.13	22.33		
1.4	64QAM	6	0	21.73	21.77	21.20		

Band 71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.77	23.89	23.71	25	0		
20	QPSK	1	49	24.03	24.10	23.93				
20	QPSK	1	99	23.77	23.80	23.63				
20	QPSK	50	0	23.24	23.30	23.19				
20	QPSK	50	24	23.17	23.28	23.12	24	1		
20	QPSK	50	50	23.14	23.16	23.09				
20	QPSK	100	0	23.08	23.22	23.07				
20	16QAM	1	0	23.14	23.20	23.01				
20	16QAM	1	49	23.13	23.25	23.24	24	1		
20	16QAM	50	99	23.00	23.15	23.13				
20	16QAM	50	0	22.16	22.22	22.06				
20	16QAM	50	24	22.15	22.28	22.28				
20	16QAM	50	50	22.12	22.18	22.01	23	2		
20	16QAM	100	0	22.22	22.23	22.09				
20	64QAM	1	0	22.04	22.06	22.01				
20	64QAM	1	49	21.96	22.11	22.05				
20	64QAM	1	99	22.00	22.02	22.02	23	2		
20	64QAM	50	0	20.98	21.10	20.95				
20	64QAM	50	24	21.17	21.01	21.01				
20	64QAM	50	50	21.03	21.05	20.95				
20	64QAM	100	0	21.12	21.12	21.06	22	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.68	23.89	23.65	25	0		
15	QPSK	1	37	24.02	23.97	23.91				
15	QPSK	1	74	23.67	23.79	23.55				
15	QPSK	36	0	23.15	23.09	23.08				
15	QPSK	36	20	23.11	23.23	23.01	24	1		
15	QPSK	36	36	22.95	22.97	23.00				
15	QPSK	75	0	23.06	23.19	22.96				
15	16QAM	1	0	23.05	23.12	22.88				
15	16QAM	1	37	22.99	23.16	23.16	24	1		
15	16QAM	1	74	22.88	22.97	23.05				
15	16QAM	36	0	22.03	22.04	21.87				
15	16QAM	36	20	22.07	22.28	22.12				
15	16QAM	36	36	21.95	22.15	22.01	23	2		
15	16QAM	75	0	22.08	22.12	22.00				
15	64QAM	1	0	21.98	22.06	21.91				
15	64QAM	1	37	21.85	21.99	21.89				
15	64QAM	1	74	21.90	21.85	21.84	23	2		
15	64QAM	36	0	20.80	21.00	20.90				
15	64QAM	36	20	21.06	21.02	20.91				
15	64QAM	36	36	20.88	20.97	20.88				
15	64QAM	75	0	21.12	20.95	20.87	22	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.72	23.73	23.67	25	0		
10	QPSK	1	25	23.90	24.05	23.79				
10	QPSK	1	49	23.63	23.76	23.52				
10	QPSK	25	0	23.16	23.15	22.95				
10	QPSK	25	12	23.21	23.16	23.01	24	1		
10	QPSK	25	25	22.97	23.02	23.07				
10	QPSK	50	0	22.99	23.20	23.03				
10	16QAM	1	0	22.96	23.14	22.94				
10	16QAM	1	25	22.96	23.12	23.24	24	1		
10	16QAM	1	49	22.98	22.99	22.98				
10	16QAM	25	0	21.98	22.03	21.89				
10	16QAM	25	12	22.00	22.24	22.14				
10	16QAM	25	25	22.01	22.12	22.00	23	2		
10	16QAM	50	0	22.15	22.11	22.02				
10	64QAM	1	0	21.94	21.97	21.87				
10	64QAM	1	25	21.96	22.11	21.93				
10	64QAM	1	49	21.89	21.96	21.85	23	2		
10	64QAM	25	0	20.90	21.00	20.85				
10	64QAM	25	12	21.15	21.16	20.91				
10	64QAM	25	25	20.95	20.86	20.82				
10	64QAM	50	0	20.95	21.06	20.89	22	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.75	23.89	23.68	25	0		
5	QPSK	1	12	23.84	24.09	23.85				
5	QPSK	1	24	23.60	23.16	23.63				
5	QPSK	12	0	23.00	23.13	23.06				
5	QPSK	12	7	23.10	23.13	23.10	24	1		
5	QPSK	12	13	23.05	22.97	23.06				
5	QPSK	25	0	23.04	23.14	22.88				
5	16QAM	1	0	23.05	23.04	22.93				
5	16QAM	1	12	23.12	23.16	23.24	24	1		
5	16QAM	1	24	22.88	23.13	23.05				
5	16QAM	12	0	21.98	22.03	21.91				
5	16QAM	12	7	22.10	22.16	22.12				
5	16QAM	12	13	22.06	21.99	21.93	23	2		
5	16QAM	25	0	22.15	22.22	22.01				
5	64QAM	1	0	22.03	21.92	21.97				
5	64QAM	1	12	21.85	21.85	22.00				
5	64QAM	1	24	21.83	21.88	21.94	23	2		
5	64QAM	12	0	20.82	20.97	20.87				
5	64QAM	12	7	21.16	21.01	20.92				
5	64QAM	12	13	20.97	20.99	20.90				
5	64QAM	25	0	21.03	20.99	21.02	22	3		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)												
20	QPSK	1	0	24.01	24.04	24.18	23.90	23.87	25	0		
20	QPSK	1	49	24.33	24.29	24.46	24.17	24.17				
20	QPSK	1	99	24.11	24.07	24.15	23.88	23.90				
20	QPSK	50	0	23.05	23.16	23.24	23.05	22.97				
20	QPSK	50	24	23.16	23.14	23.21	22.93	23.03	24	1		
20	QPSK	50	50	23.17	23.08	23.23	23.04	22.99				
20	QPSK	100	0	23.12	23.15	23.23	23.15	23.09				
20	16QAM	1	0	23.08	23.10	23.13	23.01	22.96				
20	16QAM	1	49	23.43	23.38	23.46	23.21	23.21	24	1		
20	16QAM	1	99	23.15	23.13	23.24	23.09	22.96				
20	16QAM	50	0	22.10	22.19	22.24	22.04	22.04				
20	16QAM	50	24	22.16	22.21	22.40	22.16	22.03				
20	16QAM	50	50	22.26	22.22	22.28	22.11	22.09	23	2		
20	16QAM	100	0	22.24	22.32	22.35	22.12	22.07				
20	64QAM	1	0	21.87	21.79	21.89	21.73	21.67				
20	64QAM	1	49	22.15	22.23	22.29	21.97	21.97				
20	64QAM	1	99	21.60	21.65	21.90	21.71	21.66	23	2		
20	64QAM	50	0	21.18	21.27	21.30	21.08	20.95				
20	64QAM	50	24	21.26	21.25	21.31	21.10	21.12				
20	64QAM	50	50	21.31	21.27	21.35	21.10	21.13				
20	64QAM	100	0	21.25	21.25	21.31	21.14	21.10	22	3		
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.99	23.99	24.07	23.83	23.74	25	0		
15	QPSK	1	74	24.23	24.17	24.41	24.09	24.01				
15	QPSK	36	0	22.92	23.09	23.18	22.95	22.95				
15	QPSK	36	20	23.10	23.03	23.17	22.88	22.90				
15	QPSK	36	39	23.14	23.05	23.18	22.92	22.94	24	1		
15	QPSK	75	0	23.10	23.12	23.22	23.02	22.99				
15	16QAM	1	0	22.98	22.97	23.10	22.88	22.93				
15	16QAM	1	37	23.40	23.23	23.35	23.16	23.17				
15	16QAM	1	74	23.04	23.09	23.14	22.87	22.87	24	1		
15	16QAM	36	0	22.00	22.11	22.19	22.00	21.96				
15	16QAM	36	20	22.12	22.08	22.29	22.10	21.90				
15	16QAM	36	39	22.15	22.13	22.15	22.09	22.00				
15	16QAM	75	0	22.18	22.26	22.23	22.04	22.05	23	2		
15	64QAM	1	0	21.80	21.70	21.83	21.71	21.64				
15	64QAM	1	37	22.07	22.14	22.18	21.96	21.81				
15	64QAM	1	74	21.77	21.70	21.85	21.64	21.57				
15	64QAM	36	0	21.10	21.20	21.25	21.03	20.92	22	3		
15	64QAM	36	20	21.16	21.21	21.29	21.08	21.03				
15	64QAM	36	39	21.25	21.20	21.28	21.05	21.08				
15	64QAM	75	0	21.16	21.18	21.27	21.13	21.01				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.89	23.95	24.07	23.83	23.83	25	0		
10	QPSK	1	25	24.3	24.28	24.48	24.16	23.99				
10	QPSK	1	49	23.98	24.06	24.11	23.93	23.81				
10	QPSK	25	0	23.92	23.98	23.16	22.98	22.89				
10	QPSK	25	12	23.09	23.03	23.16	22.88	22.9	24	1		
10	QPSK	25	25	23.1	23.02	23.14	22.88	22.92				
10	QPSK	50	0	23.05	23.13	23.22	23.02	22.96				
10	16QAM	1	0	23.03	23.03	23	22.98	22.85				
10	16QAM	1	25	23.39	23.33	23.45	23.15	23.09	24	1		
10	16QAM	1	49	23.12	23.02	23.11	22.9	22.93				
10	16QAM	25	0	22.01	22.1	22.23	21.97	21.97				
10	16QAM	25	12	22.05	22.2	22.34	22.1	21.99				
10	16QAM	25	25	22.1	22.15	22.22	22.02	22.01	23	2		
10	16QAM	50	0	22.17	22.25	22.31	22.08	22.01				
10	16QAM	1	0	21.74	21.71	21.88	21.65	21.53				
10	64QAM	1	25	22.13	22.14	22.18	21.93	21.84				
10	64QAM	1	49	21.69	21.84	21.79	21.58	21.51	23	2		
10	64QAM	25	0	21.1	21.17	21.28	21.07	20.89				
10	64QAM	25	12	21.24	21.16	21.22	21.06	21.05				
10	64QAM	25	25	21.22	21.2	21.26	21.09	21.11				
10	64QAM	50	0	21.16	21.23	21.28	21.13	21.04	22	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.94	23.95	24.13	23.83	23.77	25	0		
5	QPSK	1	12	24.25	24.25	24.42	24.12	24.02				
5	QPSK	1	24	23.99	24.01	24.07	23.92	23.82				
5	QPSK	12	0	22.97	23.04	23.22	23.01	22.84				
5	QPSK	12	7	23.15	23.03	23.11	22.81	22.94	24	1		
5	QPSK	12	13	23.06	22.97	23.15	23.01	22.94				
5	QPSK	25	0	23.05	23.10	23.10	23.06	23.00				
5	16QAM	1	0	23.06	23.04	23.12	22.89	22.93				
5	16QAM	1	12	23.34	23.25	23.44	23.17	23.07	24	1		
5	16QAM	1	24	23.03	23.06	23.17	22.98	22.89				
5	16QAM	12	0	22.00	22.09	22.18	22.03	21.99				
5	16QAM	12	7	22.13	22.19	22.3	22.1	21.91				
5	16QAM	12	13	22.2	22.17	22.25	22.08	22.07	23	2		
5	16QAM	25	0	22.2	22.28	22.24	22.04	21.98				
5	64QAM	1	0	21.75	21.76	21.85	21.61	21.58				
5	64QAM	1	12	22.12	22.09	22.18	21.89	21.92				
5	64QAM	1	24	21.70	21.84	21.76	21.61	21.61	23	2		
5	64QAM	12	0	21.15	21.17	21.22	21.08	20.88				
5	64QAM	12	7	21.25	21.22	21.22	21.02	21.05				
5	64QAM	12	13	21.27	21.24	21.29	21.05	21.08				
5	64QAM	25	0	21.15	21.22	21.21	21.05	21.07	22	3		
Channel												
Frequency (MHz)												
30	QPSK	1	0	24.01	24.04	24.18	23.90	23.87	25	0		
30	QPSK	1	49	24.33	24.29	24.46	24.17	24.17				
30	QPSK	1	99	24.11	24.07	24.15	23.88	23.90				
30	QPSK	50	0	23.05	23.16	23.24	23.05	22.97				
30	QPSK	50	24	23.16	23.14	23.21	22.93	23.03	24	1		
30	QPSK	50	50	23.17	23.08	23.23	23.04	22.99				
30	QPSK	100	0	23.12	23.15	23.23	23.15	23.09				
30	16QAM	1	0	23.08	23.10	23.13	23.01	22.96				
30	16QAM	1	49	23.43	23.38	23.46	23.21	23.21	24	1		
30	16QAM	1	99	23.15	23.13	23.24	23.09	22.96				
30	16QAM	50	0	22.10	22.19	22.24	22.04	22.04				
30	16QAM	50	24	22.16	22.21	22.40	22.16	22.03				
30	16QAM	50	50	22.26	22.22	22.28	22.11	22.09	23	2		
30	16QAM	100	0	22.24	22.32	22.35	22.12	22.07				
30	64QAM	1	0	21.87	21.79	21.89	21.73	21.67				
30	64QAM	1	49	22.15	22.23	22.29	21.97	21.97				
30	64QAM	1	99	21.60	21.65	21.90	21.71	21.66	23	2		
30	64QAM	50	0	21.18	21.27	21.30	21.08	20.95				
30	64QAM	50	24	21.26	21.25	21.31	21.10	21.12				
30	64QAM	50	50	21.31	21.27	21.35	21.10	21.13				
30	64QAM	100	0	21.25	21.25	21.31	21.14	21.10	22	3		
Channel												
Frequency (MHz)												
30	QPSK	1	0	23.99	23.99	24.07	23.83	23.74	25	0		
30	QPSK	1	74	24.23	24.17	24.41	24.09	24.01				
30	QPSK	36	0	22.92	23.09	23.18	22.95	22.95				
30	QPSK	36	20	23.10	23.03	23.17	22.88	22.90				
30	QPSK	36	39	23.14	23.05	23.18	22.92	22.94	24	1		
30	QPSK	75	0	23.10	23.12	23.22	23.02	22.99				
30	16QAM	1	0	22.98	22.97	23.10	22.88	22.93				
30	16QAM	1	37	23.40	23.23	23.35	23.16	23.17				
30	16QAM	1	74	23.04	23.09	23.14	22.87	22.87	24	1		
30	16QAM	36	0	22.00	22.11	22.19	22.00	21.96				
30	16QAM	36	20	22.12	22.08	22.29	22.10	21.90				
30	16QAM	36	39	22.15	22.13	22.15	22.09	22.00				
30	16QAM	75	0	22.18	22.26	22.23	22.04	22.05	23	2		
30	64QAM	1	0	21.80	21.70	21.83	21.71	21.64				
30	64QAM	1	37	22.07	22.14	22.18	21.96	21.81				
30	64QAM	1	74	21.77	21.70	21.85	21.64	21.57				
30	64QAM	36	0	21.10	21.20	21.25	21.03	20.92	22	3		
30	64QAM	36	20	21.16	21.21	21.29	21.08	21.03				
30	64QAM	36	39	21.25	21.20	21.28	21.05	21.08				
30	64QAM	75	0	21.16	21.18	21.27	21.13	21.01				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.89	23.95	24.07	23.83	23.83	25	0		
10	QPSK	1	25	24.3	24.28	24.48	24.16	23.99				
10	QPSK	1	49	23.98	24.06	24.11	23.93	23.81				
10	QPSK	25	0	23.92	23.98	23.16	22.98	22.89				
10	QPSK	25	12	23.09	23.03	23.16	22.88	22.9	24	1		
10	QPSK	25	25	23.1	23.02	23.14	22.88	22.92				
10	QPSK	50	0	23.05	23.13	23.22	23.02	22.96				
10	16QAM	1	0	23.03	23.03	23	22.98	22.85				
10	16QAM	1	25	23.39	23.33	23.45	23.15	23.09	24	1		
10	16QAM	1	49	23.12	23.02	23.11	22.9	22.93				
10	16QAM	25	0	22.01	22.1	22.23	21.97	21.97				
10	16QAM	25	12	22.05	22.2	22.34	22.1	21.99				
10	16QAM	25	25	22.1	22.15	22.22	22.02	22.01	23	2		
10	16											

Reduced Power Mode for Receiver on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
Tx Channel	126	189	251	Limit	126	189	251	Limit
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	32.22	32.30	32.25	33.60	23.22	23.30	23.25	24.50
GPRS 1 Tx slot	32.20	32.25	32.18	33.60	23.20	23.25	23.18	24.50
GPRS 2 Tx slots	28.95	29.00	29.02	30.00	22.95	23.00	23.02	24.00
GPRS 3 Tx slots	28.16	28.18	28.11	29.00	23.90	23.92	23.85	24.74
GPRS 4 Tx slots	27.03	27.07	27.00	28.00	24.03	24.07	24.00	25.00
EDGE 1 Tx slot	27.60	27.66	27.63	28.50	18.60	18.66	18.63	19.50
EDGE 2 Tx slots	23.62	23.60	23.52	24.50	17.62	17.60	17.52	18.50
EDGE 3 Tx slots	22.52	22.58	22.49	23.50	18.26	18.32	18.23	19.24
EDGE 4 Tx slots	21.30	21.35	21.28	22.50	18.30	18.35	18.28	19.50

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
Tx Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1850	1850.8	(dBm)	1850.2	1850	1850.8	(dBm)
GSM 1 Tx slot	30.15	29.53	29.79	30.50	21.15	20.53	20.79	21.50
GPRS 1 Tx slot	30.25	29.93	29.58	30.50	21.25	20.93	20.58	21.50
GPRS 2 Tx slots	28.00	27.76	27.46	28.50	22.00	21.76	21.46	22.50
GPRS 3 Tx slots	26.97	26.77	26.48	27.50	22.71	22.51	22.22	23.24
GPRS 4 Tx slots	25.96	25.72	25.46	26.50	22.86	22.72	22.46	23.50
EDGE 1 Tx slot	27.31	27.57	27.39	28.50	18.31	18.57	18.39	19.50
EDGE 2 Tx slots	24.43	24.69	24.49	25.50	18.43	18.69	18.49	19.50
EDGE 3 Tx slots	23.56	23.64	23.42	24.50	19.30	19.38	19.16	20.24
EDGE 4 Tx slots	22.44	22.66	22.54	23.50	19.44	19.66	19.54	20.50

Band	WCDMA II_Ant 0				WCDMA IV_Ant 0				WCDMA V_Ant 1				
Tx Channel	9262	9400	9538	Limit	1312	1413	1513	Limit	4132	4162	4233	Limit	
Rx Channel	9662	9800	9938	(dBm)	1537	1638	1738	(dBm)	4357	4407	4458	(dBm)	
Frequency (MHz)	1852.4	1860	1867.6		1122.4	1123.2	1152.6		826.4	836.4	846.8		
3GPP Rel 99	AMR 12.2Kbps	24.65	24.56	24.47	25.50	23.83	24.05	24.20	25.50	24.07	24.20	24.16	25.00
3GPP Rel 99	RMC 12.2Kbps	24.63	24.68	24.47	25.50	23.82	24.23	24.13	25.50	24.10	24.24	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	24.61	24.49	24.46	25.50	22.74	22.97	23.14	24.50	23.14	23.26	23.14	24.50
3GPP Rel 6	HSDPA Subtest-2	24.57	24.53	24.41	25.50	22.72	22.83	23.00	24.50	23.20	23.21	23.05	24.50
3GPP Rel 6	HSDPA Subtest-3	24.66	24.51	24.40	25.00	22.16	22.33	22.47	24.00	22.80	22.80	22.58	24.00
3GPP Rel 6	HSDPA Subtest-4	24.67	24.48	24.31	25.00	22.20	22.33	22.46	24.00	22.71	22.78	22.55	24.00
3GPP Rel 8	DCHSDPA Subtest-1	24.47	24.45	24.29	25.50	22.56	22.84	22.97	24.50	23.15	23.23	23.17	24.50
3GPP Rel 8	DCHSDPA Subtest-2	24.56	24.36	24.29	25.50	22.71	22.76	22.99	24.50	23.10	23.18	23.07	24.50
3GPP Rel 8	DCHSDPA Subtest-3	24.65	24.41	24.27	25.00	22.01	22.20	22.32	24.00	22.65	22.75	22.67	24.00
3GPP Rel 8	DCHSDPA Subtest-4	24.64	24.42	24.23	25.00	22.14	22.18	22.36	24.00	22.63	22.73	22.60	24.00
3GPP Rel 6	HSUPA Subtest-1	21.66	21.50	21.45	23.00	20.76	21.02	21.16	22.50	21.25	21.33	21.26	22.50
3GPP Rel 6	HSUPA Subtest-2	21.55	21.56	21.39	23.00	20.80	20.94	21.18	22.50	21.35	21.28	21.29	22.50
3GPP Rel 6	HSUPA Subtest-3	22.68	22.49	22.42	23.50	21.77	21.97	22.16	23.50	22.31	22.35	22.29	23.50
3GPP Rel 6	HSUPA Subtest-4	21.11	21.06	20.97	22.00	20.34	20.50	20.61	21.50	20.76	20.74	20.73	21.50
3GPP Rel 6	HSUPA Subtest-5	22.50	22.50	22.40	23.50	21.70	21.90	22.00	23.50	22.20	22.30	22.20	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.01	21.86	21.88	23.50	20.15	20.30	20.61	22.00	20.90	20.95	20.88	22.00

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								
20	QPSK	1	0	24.25	24.19	24.18	25.5	0
20	QPSK	1	49	24.48	24.50	24.50	25.5	0
20	QPSK	1	99	24.16	24.18	24.22	25.5	0
20	QPSK	50	0	23.55	23.53	23.28	24.5	1
20	QPSK	50	24	23.41	23.48	23.38	24.5	1
20	QPSK	50	50	23.29	23.26	23.48	24.5	1
20	QPSK	100	0	23.45	23.33	23.61	24.5	1
20	16QAM	1	0	23.79	23.80	23.69	24.5	1
20	16QAM	1	49	23.91	23.81	23.84	24.5	1
20	16QAM	1	99	23.89	23.81	23.47	24.5	1
20	16QAM	50	0	22.57	22.35	22.54	23.5	2
20	16QAM	50	24	22.39	22.37	22.48	23.5	2
20	16QAM	50	50	22.35	22.32	22.56	23.5	2
20	16QAM	100	0	22.39	22.34	22.57	23.5	2
20	64QAM	1	0	22.70	22.72	22.54	23.5	2
20	64QAM	1	49	22.87	22.80	22.68	23.5	2
20	64QAM	1	99	22.30	22.09	22.10	23.5	2
20	64QAM	50	0	21.56	21.35	21.50	22.5	3
20	64QAM	50	24	21.51	21.42	21.39	22.5	3
20	64QAM	50	50	21.32	21.22	21.43	22.5	3
20	64QAM	100	0	21.38	21.37	21.56	22.5	3
Channel Frequency (MHz)								
15	QPSK	1	0	24.14	24.14	24.22	25.5	0
15	QPSK	1	49	24.44	24.44	24.34	25.5	0
15	QPSK	1	74	24.11	24.13	24.12	25.5	0
15	QPSK	36	0	23.46	23.53	23.46	24.5	1
15	QPSK	36	20	23.28	23.38	23.39	24.5	1
15	QPSK	36	39	23.26	23.22	23.29	24.5	1
15	QPSK	75	0	23.36	23.42	23.44	24.5	1
15	16QAM	1	0	23.77	23.76	23.88	24.5	1
15	16QAM	1	37	23.87	23.79	23.84	24.5	1
15	16QAM	1	74	23.68	23.58	23.66	24.5	1
15	16QAM	36	0	22.47	22.44	22.51	23.5	2
15	16QAM	36	20	22.28	22.29	22.31	23.5	2
15	16QAM	36	39	22.22	22.29	22.34	23.5	2
15	16QAM	75	0	22.36	22.36	22.35	23.5	2
15	64QAM	1	0	22.80	22.58	22.59	23.5	2
15	64QAM	1	37	22.84	22.62	22.67	23.5	2
15	64QAM	74	0	22.18	22.15	22.18	23.5	2
15	64QAM	36	0	21.55	21.55	21.54	22.5	3
15	64QAM	36	20	21.45	21.41	21.44	22.5	3
15	64QAM	36	39	21.30	21.24	21.29	22.5	3
15	64QAM	75	0	21.31	21.29	21.33	22.5	3
Channel Frequency (MHz)								
10	QPSK	1	0	24.24	24.12	24.24	25.5	0
10	QPSK	1	25	24.37	24.42	24.44	25.5	0
10	QPSK	1	49	24.08	24.04	24.11	25.5	0
10	QPSK	25	0	23.47	23.48	23.43	24.5	1
10	QPSK	25	12	23.31	23.29	23.34	24.5	1
10	QPSK	25	25	23.17	23.18	23.18	24.5	1
10	QPSK	50	0	23.32	23.39	23.34	24.5	1
10	16QAM	1	0	23.74	23.77	23.72	24.5	1
10	16QAM	1	25	23.82	23.89	23.85	24.5	1
10	16QAM	1	49	23.59	23.56	23.60	24.5	1
10	16QAM	25	0	22.48	22.54	22.51	23.5	2
10	16QAM	25	12	22.35	22.34	22.38	23.5	2
10	16QAM	25	25	22.30	22.23	22.27	23.5	2
10	16QAM	50	0	22.30	22.27	22.37	23.5	2
10	64QAM	1	0	22.63	22.59	22.60	23.5	2
10	64QAM	1	25	22.53	22.56	22.54	23.5	2
10	64QAM	1	49	22.15	22.20	22.17	23.5	2
10	64QAM	25	0	21.53	21.53	21.52	22.5	3
10	64QAM	25	12	21.45	21.48	21.47	22.5	3
10	64QAM	25	25	21.27	21.27	21.26	22.5	3
10	64QAM	50	0	21.32	21.33	21.29	22.5	3
Channel Frequency (MHz)								
5	QPSK	1	0	24.24	24.16	24.37	25.5	0
5	QPSK	1	12	24.34	24.38	24.37	25.5	0
5	QPSK	1	24	24.08	24.05	24.05	25.5	0
5	QPSK	12	0	23.51	23.43	23.44	24.5	1
5	QPSK	12	7	23.38	23.37	23.31	24.5	1
5	QPSK	12	13	23.21	23.26	23.34	24.5	1
5	QPSK	25	0	23.34	23.43	23.38	24.5	1
5	16QAM	1	0	23.77	23.67	23.66	24.5	1
5	16QAM	1	12	23.86	23.76	23.84	24.5	1
5	16QAM	1	24	23.62	23.63	23.65	24.5	1
5	16QAM	12	0	22.47	22.53	22.56	23.5	2
5	16QAM	12	7	22.38	22.34	22.37	23.5	2
5	16QAM	12	13	22.30	22.34	22.31	23.5	2
5	16QAM	25	0	22.28	22.29	22.37	23.5	2
5	64QAM	1	0	22.58	22.60	22.66	23.5	2
5	64QAM	1	12	22.54	22.52	22.55	23.5	2
5	64QAM	1	24	22.24	22.26	22.16	23.5	2
5	64QAM	12	0	21.48	21.48	21.51	22.5	3
5	64QAM	12	7	21.42	21.50	21.44	22.5	3
5	64QAM	12	13	21.22	21.26	21.25	22.5	3
5	64QAM	25	0	21.35	21.33	21.33	22.5	3
Channel Frequency (MHz)								
3	QPSK	1	0	24.18	24.20	24.17	25.5	0
3	QPSK	1	8	24.38	24.34	24.37	25.5	0
3	QPSK	1	14	24.12	24.03	24.03	25.5	0
3	QPSK	8	0	23.45	23.46	23.52	24.5	1
3	QPSK	8	4	23.37	23.28	23.32	24.5	1
3	QPSK	8	7	23.18	23.28	23.22	24.5	1
3	QPSK	15	0	23.32	23.35	23.39	24.5	1
3	16QAM	1	0	23.69	23.70	23.72	24.5	1
3	16QAM	1	8	23.82	23.89	23.87	24.5	1
3	16QAM	1	14	23.62	23.68	23.61	24.5	1
3	16QAM	8	0	22.45	22.50	22.47	23.5	2
3	16QAM	8	4	22.27	22.34	22.34	23.5	2
3	16QAM	8	7	22.24	22.23	22.29	23.5	2
3	16QAM	15	0	22.34	22.35	22.34	23.5	2
3	64QAM	1	0	22.61	22.67	22.56	23.5	2
3	64QAM	1	8	22.57	22.53	22.61	23.5	2
3	64QAM	1	14	22.15	22.18	22.28	23.5	2
3	64QAM	8	0	21.49	21.54	21.55	22.5	3
3	64QAM	8	4	21.47	21.46	21.50	22.5	3
3	64QAM	8	7	21.24	21.23	21.24	22.5	3
3	64QAM	15	0	21.35	21.33	21.37	22.5	3
Channel Frequency (MHz)								
1.4	QPSK	1	0	24.30	24.19	24.09	25.5	0
1.4	QPSK	1	5	24.25	24.26	24.13	25.5	0
1.4	QPSK	1	9	24.42	24.36	24.12	25.5	0
1.4	QPSK	3	1	24.49	24.21	24.25	24.5	1
1.4	QPSK	3	3	24.44	24.31	24.25	24.5	1
1.4	QPSK	3	9	23.38	23.22	23.36	24.5	1
1.4	16QAM	1	0	23.81	23.11	23.60	24.5	1
1.4	16QAM	1	3	23.47	23.75	23.39	24.5	1
1.4	16QAM	5	0	23.43	23.40	23.41	24.5	1
1.4	16QAM	3	0	23.30	23.27	23.17	24.5	1
1.4	16QAM	3	1	23.48	23.30	23.10	24.5	1
1.4	16QAM	3	3	23.34	23.26	23.07	24.5	1
1.4	16QAM	6	0	22.40	22.46	22.28	23.5	2
1.4	64QAM	1	0	22.41	22.36	22.33	23.5	2
1.4	64QAM	3	0	22.51	22.61	22.30	23.5	2
1.4	64QAM	1	5	22.51	22.01	22.21	23.5	2
1.4	64QAM	3	0	22.60	22.32	22.09	23.5	2
1.4	64QAM	3	1	22.51	22.27	22.06	23.5	2
1.4	64QAM	3	3	22.80	22.44	22.02	23.5	2
1.4	64QAM	6	0	21.38	21.22	21.19	22.5	3

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								
20	QPSK	1	0	17.03	122.5	17.03	25.5	0
20	QPSK	1	49	24.03	24.41	24.38		
20	QPSK	1	99	23.86	23.96	24.04		
20	QPSK	50	0	23.16	23.32	23.26	24.5	1
20	QPSK	50	24	23.12	23.22	23.16		
20	QPSK	50	50	23.19	23.26	23.27		
20	QPSK	100	0	23.06	23.11	23.18	24.5	1
20	16QAM	1	0	22.97	23.16	23.27		
20	16QAM	1	49	23.05	23.42	23.54		
20	16QAM	1	99	22.78	23.03	23.43	23.5	2
20	16QAM	50	0	22.02	22.16	22.12		
20	16QAM	50	24	22.09	22.26	22.20		
20	16QAM	50	50	22.01	22.22	22.24	23.5	2
20	16QAM	100	0	22.05	22.13	22.22		
20	64QAM	1	0	22.11	22.16	22.94		
20	64QAM	1	49	22.12	22.39	22.27	23.5	2
20	64QAM	1	99	21.96	22.18	22.02		
20	64QAM	50	0	20.94	21.05	21.15		
20	64QAM	50	24	20.97	21.10	21.10	22.5	3
20	64QAM	50	50	20.97	21.20	21.12		
20	64QAM	100	0	20.96	21.09	21.14		
Channel Frequency (MHz)								
15	QPSK	1	0	17.15	122.5	17.15	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	37	24.02	23.92	23.90	25.5	0
15	QPSK	1	74	23.80	23.92	23.78		
15	QPSK	36	0	23.03	23.08	23.14		
15	QPSK	36	20	23.04	23.10	23.08	24.5	1
15	QPSK	36	36	23.12	23.12	23.07		
15	QPSK	75	0	23.03	22.98	23.00		
15	16QAM	1	0	22.96	22.90	22.85	24.5	1
15	16QAM	1	37	23.00	23.06	23.00		
15	16QAM	1	74	22.75	22.72	22.67		
15	16QAM	36	0	21.96	21.99	21.98	23.5	2
15	16QAM	36	20	22.08	21.96	21.98		
15	16QAM	36	39	21.97	21.96	21.89		
15	16QAM	75	0	22.04	21.92	21.97	23.5	2
15	64QAM	1	0	22.03	22.08	21.98		
15	64QAM	1	37	22.02	22.08	22.02		
15	64QAM	1	74	21.94	21.86	21.91	22.5	3
15	64QAM	36	0	20.88	20.90	20.84		
15	64QAM	36	20	20.91	20.92	20.92		
15	64QAM	36	39	20.94	20.96	20.91	22.5	3
15	64QAM	75	0	20.87	20.88	20.88		
15	64QAM	75	0	20.87	20.88	20.88		
Channel Frequency (MHz)								
10	QPSK	1	0	23.79	23.82	23.82	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	25	23.97	23.94	24.00	25.5	0
10	QPSK	1	49	23.82	23.82	23.78		
10	QPSK	25	0	23.14	23.03	23.07		
10	QPSK	25	12	23.09	23.07	23.04	24.5	1
10	QPSK	25	25	23.12	23.15	23.14		
10	QPSK	50	0	22.96	23.03	23.04		
10	16QAM	1	0	22.87	22.92	22.95	24.5	1
10	16QAM	1	25	23.00	23.05	23.04		
10	16QAM	1	49	22.67	22.65	22.77		
10	16QAM	25	0	21.94	21.96	21.95	23.5	2
10	16QAM	25	12	21.96	22.01	21.98		
10	16QAM	25	25	21.88	21.93	22.00		
10	16QAM	50	0	21.93	22.04	22.03	23.5	2
10	64QAM	1	0	22.07	21.98	22.07		
10	64QAM	1	25	22.09	22.09	22.08		
10	64QAM	1	49	21.87	21.93	21.81	22.5	3
10	64QAM	25	0	20.92	20.87	20.84		
10	64QAM	25	12	20.96	20.96	20.87		
10	64QAM	25	25	20.89	20.95	20.92	22.5	3
10	64QAM	50	0	20.91	20.94	20.92		
10	64QAM	50	0	20.91	20.94	20.92		
Channel Frequency (MHz)								
5	QPSK	1	0	17.15	122.5	17.15	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	12	23.92	23.95	23.94	25.5	0
5	QPSK	1	24	23.81	23.78	23.78		
5	QPSK	12	0	23.15	23.07	23.13		
5	QPSK	12	7	22.99	23.10	23.10	24.5	1
5	QPSK	12	13	23.10	23.10	23.13		
5	QPSK	25	0	23.01	22.99	23.02		
5	16QAM	1	0	22.94	22.95	22.94	24.5	1
5	16QAM	1	12	22.96	23.06	23.04		
5	16QAM	1	24	22.75	22.70	22.66		
5	16QAM	12	0	21.96	22.01	21.97	23.5	2
5	16QAM	12	7	21.96	22.07	21.98		
5	16QAM	12	13	21.95	22.00	21.91		
5	16QAM	25	0	21.96	22.03	21.96	23.5	2
5	64QAM	1	0	21.98	22.07	22.05		
5	64QAM	1	12	21.97	22.03	22.10		
5	64QAM	1	24	21.82	21.88	21.93	22.5	3
5	64QAM	12	0	20.92	20.93	20.87		
5	64QAM	12	7	20.88	20.94	20.88		
5	64QAM	12	13	20.91	20.94	20.89	22.5	3
5	64QAM	25	0	20.92	20.94	20.92		
5	64QAM	25	0	20.92	20.94	20.92		
Channel Frequency (MHz)								
3	QPSK	1	0	17.15	122.5	17.15	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	8	23.93	24.01	23.98	25.5	0
3	QPSK	1	14	23.74	23.81	23.77		
3	QPSK	8	0	23.07	23.03	23.09		
3	QPSK	8	4	23.05	23.02	23.04	24.5	1
3	QPSK	8	7	23.14	23.15	23.08		
3	QPSK	15	0	23.03	23.07	22.98		
3	16QAM	1	0	22.84	22.85	22.86	24.5	1
3	16QAM	1	8	22.92	22.97	22.93		
3	16QAM	1	14	22.73	22.65	22.77		
3	16QAM	8	0	21.95	21.95	21.98	23.5	2
3	16QAM	8	4	22.08	22.04	22.00		
3	16QAM	8	7	21.89	21.88	21.92		
3	16QAM	15	0	22.04	22.02	22.02	23.5	2
3	64QAM	1	0	22.06	22.05	21.97		
3	64QAM	1	8	21.97	21.99	21.99		
3	64QAM	1	14	21.86	21.81	21.91	22.5	3
3	64QAM	8	0	20.89	20.86	20.84		
3	64QAM	8	4	20.89	20.90	20.93		
3	64QAM	8	7	20.91	20.93	20.90	22.5	3
3	64QAM	15	0	20.95	20.92	20.94		
3	64QAM	15	0	20.95	20.92	20.94		
Channel Frequency (MHz)								
1.4	QPSK	1	0	23.58	23.59	24.01	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	3	23.71	23.69	24.19	25.5	0
1.4	QPSK	1	7	23.74	23.69	23.95		
1.4	QPSK	3	0	23.79	23.90	24.04		
1.4	QPSK	3	1	23.94	24.02	24.08	24.5	1
1.4	QPSK	3	3	23.72	23.92	24.07		
1.4	QPSK	6	0	22.81	22.94	22.99		
1.4	16QAM	1	0	22.80	22.82	23.14	24.5	1
1.4	16QAM	1	3	22.82	23.09	23.53		
1.4	16QAM	1	5	22.76	23.45	23.37		
1.4	16QAM	3	0	22.79	22.90	23.01	23.5	2
1.4	16QAM	3	2	22.78	22.83	23.00		
1.4	16QAM	3	3	22.73	22.80	23.09		
1.4	16QAM	6	0	21.96	22.13	22.21	23.5	2
1.4	64QAM	1	0	21.93	22.16	22.19		
1.4	64QAM	1	3	22.06	22.25	22.06		
1.4	64QAM	1	5	22.07	22.11	22.23	23.5	2
1.4	64QAM	3	0	21.96	22.03	22.24		
1.4	64QAM	3	1	21.97	22.23	22.20		
1.4	64QAM	3	2	21.96	22.06	22.10	22.5	3
1.4	64QAM	6	0	20.76	21.08	21.04		
1.4	64QAM	6	0	20.76	21.08	21.04		

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				20400	20525	20600		
10	QPSK	1	0	23.68	23.70	23.72	25	0
10	QPSK	1	25	23.81	23.86	23.83		
10	QPSK	1	49	23.69	23.68	23.72	24	1
10	QPSK	25	0	22.89	22.95	22.92		
10	QPSK	25	12	22.82	22.82	22.80	24	1
10	QPSK	25	25	22.87	22.71	22.86		
10	QPSK	50	0	22.89	22.91	22.90	24	1
10	16QAM	1	0	22.95	22.99	22.97		
10	16QAM	1	25	23.10	23.11	23.14	24	1
10	16QAM	1	49	22.98	22.98	22.85		
10	16QAM	25	0	21.88	21.72	21.90	23	2
10	16QAM	25	12	21.85	21.78	21.87		
10	16QAM	25	25	21.88	21.73	21.84	23	2
10	16QAM	50	0	21.87	21.73	21.90		
10	64QAM	1	0	21.88	21.88	21.95	23	2
10	64QAM	1	25	22.04	21.97	22.07		
10	64QAM	1	49	21.83	21.86	21.78	22	3
10	64QAM	25	0	20.94	20.80	20.97		
10	64QAM	25	12	20.90	20.89	20.93	22	3
10	64QAM	25	25	20.94	20.78	20.94		
10	64QAM	50	0	20.93	20.80	20.94		
Channel				20405	20525	20605	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.58	23.57	23.59	25	0
5	QPSK	1	12	23.62	23.65	23.65		
5	QPSK	1	24	23.63	23.55	23.56	24	1
5	QPSK	12	0	22.74	22.68	22.68		
5	QPSK	12	7	22.76	22.73	22.77	24	1
5	QPSK	12	13	22.73	22.67	22.68		
5	QPSK	25	0	22.74	22.68	22.71	24	1
5	16QAM	1	0	22.72	22.80	22.84		
5	16QAM	1	12	23.08	23.02	23.05	24	1
5	16QAM	1	24	22.84	22.78	22.72		
5	16QAM	12	0	21.71	21.65	21.67	23	2
5	16QAM	12	7	21.77	21.73	21.74		
5	16QAM	12	13	21.71	21.61	21.63	23	2
5	16QAM	25	0	21.73	21.66	21.68		
5	64QAM	1	0	21.70	21.71	21.74	23	2
5	64QAM	1	12	22.02	22.01	21.96		
5	64QAM	1	24	21.75	21.71	21.65	22	3
5	64QAM	12	0	20.79	20.77	20.75		
5	64QAM	12	7	20.86	20.84	20.84	22	3
5	64QAM	12	13	20.75	20.73	20.75		
5	64QAM	25	0	20.78	20.72	20.74		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.79	23.79	23.80	25	0
3	QPSK	1	8	23.81	23.77	23.77		
3	QPSK	1	14	23.84	23.71	23.77	24	1
3	QPSK	8	0	22.83	22.81	22.78		
3	QPSK	8	4	22.86	22.83	22.86	24	1
3	QPSK	8	7	22.82	22.80	22.82		
3	QPSK	15	0	22.82	22.81	22.85	24	1
3	QPSK	1	0	23.02	22.99	23.07		
3	16QAM	1	8	23.03	23.05	22.97	24	1
3	16QAM	1	14	23.04	23.01	23.02		
3	16QAM	8	0	21.87	21.82	21.86	23	2
3	16QAM	8	4	21.91	21.86	21.85		
3	16QAM	8	7	21.88	21.84	21.82	23	2
3	16QAM	15	0	21.79	21.77	21.81		
3	64QAM	1	0	22.00	21.93	21.86	23	2
3	64QAM	1	8	22.02	21.94	21.90		
3	64QAM	1	14	21.84	21.89	21.88	22	3
3	64QAM	8	0	20.96	20.90	20.92		
3	64QAM	8	4	20.99	20.92	20.97	22	3
3	64QAM	8	7	20.94	20.90	20.87		
3	64QAM	15	0	20.85	20.88	20.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.75	23.72	23.73	25	0
1.4	QPSK	1	3	23.84	23.85	23.83		
1.4	QPSK	1	5	23.77	23.70	23.71	24	1
1.4	QPSK	3	0	23.83	23.83	23.83		
1.4	QPSK	3	1	23.85	23.81	23.83	24	1
1.4	QPSK	3	3	23.79	23.83	23.80		
1.4	QPSK	6	0	22.85	22.80	22.86	24	1
1.4	16QAM	1	0	22.99	22.99	22.85		
1.4	16QAM	1	3	23.04	23.10	23.07	24	1
1.4	16QAM	1	5	22.98	22.98	22.90		
1.4	16QAM	3	0	22.78	22.82	22.75	24	1
1.4	16QAM	3	1	22.81	22.84	22.84		
1.4	16QAM	3	3	22.75	22.78	22.73	23	2
1.4	16QAM	6	0	21.80	21.88	21.91		
1.4	64QAM	1	0	21.92	21.78	21.87	23	2
1.4	64QAM	1	3	22.01	22.00	21.98		
1.4	64QAM	1	5	21.92	21.88	21.82	23	2
1.4	64QAM	3	0	21.93	21.90	21.87		
1.4	64QAM	3	1	21.96	21.98	21.98	22	3
1.4	64QAM	3	3	21.94	21.91	21.88		
1.4	64QAM	6	0	20.85	20.89	20.87		

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23060	Power Middle Ch. / Freq. 23066	Power High Ch. / Freq. 23150	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								
10	QPSK	1	0	23.95	23.91	23.94	25	0
10	QPSK	1	25	24.13	24.17	24.14		
10	QPSK	1	49	24.04	23.98	23.98		
10	QPSK	25	0	23.21	23.25	23.20	24	1
10	QPSK	25	12	23.16	23.17	23.16		
10	QPSK	25	25	23.17	23.20	23.13		
10	QPSK	50	0	23.17	23.20	23.12	24	1
10	16QAM	1	0	23.23	23.19	23.26		
10	16QAM	1	25	23.44	23.41	23.32		
10	16QAM	1	49	23.38	23.27	23.27	23	2
10	16QAM	25	0	22.12	22.11	22.06		
10	16QAM	25	12	22.16	22.17	22.13		
10	16QAM	25	25	22.19	22.19	22.12	23	2
10	16QAM	50	0	22.17	22.15	22.08		
10	64QAM	1	0	22.08	22.10	22.16		
10	64QAM	1	25	22.36	22.33	22.37	23	2
10	64QAM	1	49	22.21	22.28	22.21		
10	64QAM	25	0	21.18	21.09	21.09		
10	64QAM	25	12	21.15	21.17	21.15	22	3
10	64QAM	25	25	21.22	21.20	21.11		
10	64QAM	50	0	21.17	21.15	21.11		
Channel Frequency (MHz)								
5	QPSK	1	0	23.77	23.79	23.76	25	0
5	QPSK	1	12	24.13	24.13	24.12		
5	QPSK	1	24	23.84	23.82	23.84		
5	QPSK	12	0	23.03	23.04	23.04	24	1
5	QPSK	12	7	23.13	23.08	23.08		
5	QPSK	12	13	23.03	23.07	23.03		
5	QPSK	25	0	23.02	23.06	23.03	24	1
5	16QAM	1	0	23.06	23.11	23.06		
5	16QAM	1	12	23.39	23.40	23.32		
5	16QAM	1	24	23.18	23.18	23.12	23	2
5	16QAM	12	0	22.01	22.00	22.00		
5	16QAM	12	7	22.06	22.06	22.08		
5	16QAM	12	13	22.02	22.05	21.98	23	2
5	16QAM	25	0	22.05	22.04	22.01		
5	64QAM	1	0	21.96	22.05	22.02		
5	64QAM	1	12	22.35	22.39	22.28	23	2
5	64QAM	1	24	22.05	22.06	22.03		
5	64QAM	12	0	21.03	21.04	21.06		
5	64QAM	12	7	21.11	21.12	21.13	22	3
5	64QAM	12	13	21.05	21.06	21.03		
5	64QAM	25	0	21.01	21.03	21.00		
Channel Frequency (MHz)								
3	QPSK	1	0	24.05	24.04	24.04	25	0
3	QPSK	1	8	24.05	24.04	24.02		
3	QPSK	1	14	24.06	24.06	24.03		
3	QPSK	8	0	23.13	23.16	23.18	24	1
3	QPSK	8	4	23.17	23.17	23.20		
3	QPSK	8	7	23.19	23.14	23.17		
3	QPSK	15	0	23.18	23.18	23.18	24	1
3	16QAM	1	0	23.38	23.34	23.34		
3	16QAM	1	8	23.36	23.39	23.25		
3	16QAM	1	14	23.39	23.39	23.32	23	2
3	16QAM	8	0	22.18	22.21	22.19		
3	16QAM	8	4	22.23	22.24	22.24		
3	16QAM	8	7	22.19	22.18	22.17	23	2
3	16QAM	15	0	22.18	22.15	22.16		
3	64QAM	1	0	22.24	22.32	22.19		
3	64QAM	1	8	22.29	22.29	22.26	23	2
3	64QAM	1	14	22.29	22.25	22.30		
3	64QAM	8	0	21.17	21.17	21.18		
3	64QAM	8	7	21.22	21.22	21.20	22	3
3	64QAM	8	7	21.21	21.20	21.15		
3	64QAM	15	0	21.16	21.17	21.11		
Channel Frequency (MHz)								
1.4	QPSK	1	0	69.67	70.7	71.3	25	0
1.4	QPSK	1	0	23.62	23.60	23.89		
1.4	QPSK	1	5	24.08	24.03	24.03		
1.4	QPSK	1	5	23.94	23.90	23.92	24	1
1.4	QPSK	3	0	24.03	23.99	24.00		
1.4	QPSK	3	0	24.07	24.01	24.08		
1.4	QPSK	3	3	24.05	23.98	24.02	24	1
1.4	QPSK	6	0	23.07	23.11	23.09		
1.4	16QAM	1	3	23.24	23.28	23.26		
1.4	16QAM	1	3	23.32	23.38	23.31	24	1
1.4	16QAM	1	5	23.26	23.20	23.17		
1.4	16QAM	3	3	23.04	23.04	22.99		
1.4	16QAM	3	1	23.08	23.08	23.06	23	2
1.4	16QAM	3	3	23.06	23.01	23.03		
1.4	16QAM	6	0	22.12	22.15	22.16		
1.4	64QAM	1	0	22.18	22.04	22.12	23	2
1.4	64QAM	1	3	22.23	22.30	22.31		
1.4	64QAM	1	5	22.13	22.17	22.11		
1.4	64QAM	3	0	22.15	22.14	22.14	23	2
1.4	64QAM	3	1	22.22	22.21	22.25		
1.4	64QAM	3	3	22.19	22.18	22.17		
1.4	64QAM	6	0	21.07	21.07	21.05	22	3

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel							25320	
Frequency (MHz)								
10	QPSK	1	0		762	23.83	25	0
10	QPSK	1	25		24.05	23.83		
10	QPSK	1	49		23.79	23.79		
10	QPSK	25	0		22.99	22.99		
10	QPSK	25	12		22.93	22.93	24	1
10	QPSK	25	25		22.96	22.96		
10	QPSK	50	0		22.98	22.98		
10	16QAM	1	0		23.00	23.00		
10	16QAM	1	25		23.21	23.21	24	1
10	16QAM	1	49		23.08	23.08		
10	16QAM	25	0		21.98	21.98		
10	16QAM	25	12		22.03	22.03		
10	16QAM	25	25		22.06	22.06	23	2
10	16QAM	50	0		22.02	22.02		
10	64QAM	1	0		21.98	21.98		
10	64QAM	1	25		22.23	22.23		
10	64QAM	1	49		22.03	22.03	23	2
10	64QAM	25	0		20.93	20.93		
10	64QAM	25	12		21.00	21.00		
10	64QAM	25	25		21.03	21.03		
10	64QAM	50	0		21.00	21.00	22	3
Channel								
Frequency (MHz)							23205	
5	QPSK	1	0	779.5	779.5	784.5	25	0
5	QPSK	1	12	24.03	24.04	24.01		
5	QPSK	1	24	23.79	23.76	23.72		
5	QPSK	12	0	22.83	22.87	22.86		
5	QPSK	12	7	22.85	22.95	22.92	24	1
5	QPSK	12	13	22.90	22.97	22.86		
5	QPSK	25	0	22.90	22.92	22.83		
5	16QAM	1	0	22.92	23.01	23.03		
5	16QAM	1	12	23.27	23.20	23.31	24	1
5	16QAM	1	24	23.08	23.01	23.02		
5	16QAM	12	0	21.87	21.93	21.91		
5	16QAM	12	7	22.01	22.02	21.99		
5	16QAM	12	13	21.94	22.01	21.93	23	2
5	16QAM	25	0	21.92	22.02	21.92		
5	64QAM	1	0	21.94	22.01	21.97		
5	64QAM	1	12	22.25	22.26	22.28		
5	64QAM	1	24	22.02	21.97	21.94	23	2
5	64QAM	12	0	20.93	20.97	20.94		
5	64QAM	12	7	21.05	21.03	21.02		
5	64QAM	12	13	20.95	21.04	20.95		
5	64QAM	25	0	20.94	21.02	20.90	22	3

Band 25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)			25.5	0
				1800				
20	QPSK	1	0	24.49	24.50	24.48	24.5	1
20	QPSK	1	49	24.67	24.83	24.61		
20	QPSK	1	99	24.45	24.34	24.22		
20	QPSK	50	0	23.66	23.73	23.50		
20	QPSK	50	24	23.61	23.65	23.65	24.5	1
20	QPSK	50	50	23.61	23.72	23.34		
20	QPSK	100	0	23.66	23.52	23.39		
20	16QAM	1	0	23.97	23.63	23.48		
20	16QAM	1	49	23.90	23.89	23.98	24.5	1
20	16QAM	1	99	23.46	23.42	23.32		
20	16QAM	50	0	22.70	22.59	22.51		
20	16QAM	50	24	22.77	22.57	22.60	23.5	2
20	16QAM	50	50	22.66	22.51	22.32		
20	16QAM	100	0	22.68	22.52	22.35		
20	64QAM	1	0	22.65	22.56	22.68	23.5	2
20	64QAM	1	49	22.62	22.72	22.80		
20	64QAM	1	99	22.54	22.73	22.45		
20	64QAM	50	0	21.85	21.56	21.56		
20	64QAM	50	24	21.74	21.72	21.58	22.5	3
20	64QAM	50	50	21.61	21.52	21.19		
20	64QAM	100	0	21.71	21.47	21.30		
Channel				Frequency (MHz)			Tune-up limit (dBm)	MPR (dB)
				1801.5				
15	QPSK	1	0	24.45	24.41	24.37	25.5	0
15	QPSK	1	37	24.77	24.71	24.62		
15	QPSK	1	74	24.44	24.39	24.32		
15	QPSK	36	0	23.66	23.71	23.68		
15	QPSK	36	30	23.70	23.78	23.77	24.5	1
15	QPSK	36	60	23.69	23.60	23.70		
15	QPSK	75	0	23.56	23.61	23.60		
15	16QAM	1	0	23.86	23.92	23.94		
15	16QAM	1	37	23.89	23.86	23.83	24.5	1
15	16QAM	1	74	23.45	23.33	23.33		
15	16QAM	36	0	22.64	22.63	22.65		
15	16QAM	36	20	22.71	22.76	22.66		
15	16QAM	36	39	22.65	22.59	22.56	23.5	2
15	16QAM	75	0	22.66	22.64	22.55		
15	64QAM	1	0	22.51	22.50	22.62		
15	64QAM	1	37	22.92	22.97	22.91		
15	64QAM	1	74	22.57	22.54	22.63	23.5	2
15	64QAM	36	0	21.79	21.84	21.76		
15	64QAM	36	20	21.72	21.71	21.85		
15	64QAM	36	39	21.56	21.55	21.60		
15	64QAM	75	0	21.63	21.63	21.63	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)				
				1809.0			25.5	0
				1810.5				
10	QPSK	1	0	24.40	24.48	24.41	24.5	1
10	QPSK	1	25	24.62	24.74	24.76		
10	QPSK	1	49	24.40	24.40	24.42		
10	QPSK	25	0	23.66	23.68	23.71		
10	QPSK	25	12	23.74	23.73	23.72	24.5	1
10	QPSK	25	25	23.69	23.68	23.68		
10	QPSK	50	0	23.83	23.84	23.64		
10	16QAM	1	0	23.87	23.87	23.88		
10	16QAM	1	25	23.89	23.79	23.86	24.5	1
10	16QAM	1	49	23.36	23.42	23.34		
10	16QAM	25	0	22.62	22.69	22.57		
10	16QAM	25	12	22.67	22.75	22.76		
10	16QAM	25	25	22.59	22.58	22.62	23.5	2
10	16QAM	50	0	22.63	22.58	22.61		
10	64QAM	1	0	22.54	22.53	22.65		
10	64QAM	1	25	23.04	23.04	22.95		
10	64QAM	1	49	22.61	22.56	22.54	23.5	2
10	64QAM	25	0	21.80	21.84	21.81		
10	64QAM	25	12	21.88	21.86	21.87		
10	64QAM	25	25	21.56	21.55	21.53		
10	64QAM	50	0	21.67	21.69	21.63	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)				
				1806.5			25.5	0
				1807.5				
5	QPSK	1	0	24.48	24.48	24.44	24.5	1
5	QPSK	1	12	24.77	24.82	24.82		
5	QPSK	1	24	24.39	24.34	24.44		
5	QPSK	12	0	23.69	23.65	23.61		
5	QPSK	12	7	23.61	23.76	23.73	24.5	1
5	QPSK	12	13	23.64	23.71	23.68		
5	QPSK	25	0	23.61	23.61	23.61		
5	16QAM	1	0	23.84	23.85	23.95		
5	16QAM	1	12	23.82	23.83	23.83	24.5	1
5	16QAM	1	24	23.35	23.36	23.39		
5	16QAM	12	0	22.57	22.62	22.58		
5	16QAM	12	7	22.73	22.74	22.67		
5	16QAM	12	13	22.56	22.65	22.63	23.5	2
5	16QAM	25	0	22.68	22.64	22.66		
5	64QAM	1	0	22.61	22.55	22.62		
5	64QAM	1	12	22.94	22.94	23.00		
5	64QAM	1	24	22.58	22.59	22.50	23.5	2
5	64QAM	12	0	21.79	21.82	21.84		
5	64QAM	12	7	21.66	21.68	21.68		
5	64QAM	12	13	21.62	21.59	21.58	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)				
				1805.5			25.5	0
				1807.5				
3	QPSK	1	0	24.41	24.42	24.42	25.5	0
3	QPSK	1	8	24.73	24.71	24.75		
3	QPSK	1	16	24.40	24.41	24.40		
3	QPSK	8	0	23.68	23.69	23.70		
3	QPSK	8	4	23.76	23.82	23.73	24.5	1
3	QPSK	8	7	23.67	23.70	23.62		
3	QPSK	15	0	23.57	23.59	23.60		
3	16QAM	1	0	23.92	23.92	23.91		
3	16QAM	1	8	23.78	23.88	23.81	24.5	1
3	16QAM	1	14	23.38	23.34	23.36		
3	16QAM	8	0	22.59	22.69	22.59		
3	16QAM	8	4	22.75	22.69	22.74		
3	16QAM	8	7	22.63	22.63	22.54	23.5	2
3	16QAM	15	0	22.65	22.66	22.64		
3	64QAM	1	0	22.52	22.54	22.59		
3	64QAM	1	8	22.93	23.05	23.06		
3	64QAM	1	14	22.54	22.59	22.53	23.5	1
3	64QAM	8	0	21.81	21.84	21.79		
3	64QAM	8	4	21.64	21.67	21.65		
3	64QAM	8	7	21.53	21.58	21.52		
3	64QAM	15	0	21.61	21.68	21.61	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)				
				1804.7			25.5	0
				1804.3				
1.4	QPSK	1	0	24.35	24.33	24.29	25.5	0
1.4	QPSK	1	3	24.41	24.54	24.21		
1.4	QPSK	1	5	24.34	24.26	24.17		
1.4	QPSK	3	0	24.46	24.27	24.27		
1.4	QPSK	3	1	24.50	24.51	24.51	24.5	1
1.4	QPSK	3	3	24.50	24.43	24.42		
1.4	QPSK	6	0	23.52	23.38	23.38		
1.4	16QAM	1	0	23.56	23.76	23.54		
1.4	16QAM	1	3	23.82	24.01	23.51	24.5	1
1.4	16QAM	1	5	23.75	23.75	23.32		
1.4	16QAM	3	0	23.52	23.38	23.22		
1.4	16QAM	3	1	23.61	23.48	23.42		
1.4	16QAM	3	3	23.50	23.50	23.29	23.5	2
1.4	16QAM	6	0	22.41	22.59	22.28		
1.4	64QAM	1	0	22.72	22.65	22.33		
1.4	64QAM	1	3	22.56	22.55	22.54		
1.4	64QAM	1	5	22.66	22.31	22.52	23.5	2
1.4	64QAM	3	0	22.69	22.46	22.46		
1.4	64QAM	3	1	22.44	22.51	22.56		
1.4	64QAM	3	3	22.31	22.57	22.15		
1.4	64QAM	6	0	21.63	21.34	21.32	22.5	3
Channel				Frequency (MHz)				
				1807.0			25.5	0
				1807.0				

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Turn-up limit (dBm)	MPR (dB)
				815.5	831.5	841.5		
15	QPSK	1	0	23.83	23.79	23.79	25	0
15	QPSK	1	37	24.02	24.13	24.00		
15	QPSK	1	74	23.82	23.77	23.79		
15	QPSK	36	0	22.98	23.00	22.97	24	1
15	QPSK	36	20	22.94	22.95	22.93		
15	QPSK	36	39	22.88	22.96	22.91		
15	QPSK	75	0	22.90	23.01	22.89	24	1
15	16QAM	1	0	23.05	23.01	23.09		
15	16QAM	1	37	23.32	23.25	23.30		
15	16QAM	1	74	23.16	22.99	23.00	23	2
15	16QAM	36	0	21.87	21.89	21.95		
15	16QAM	36	20	21.95	21.95	21.98		
15	16QAM	36	39	21.85	21.95	21.95	23	2
15	16QAM	75	0	21.88	21.92	21.98		
15	64QAM	1	0	21.98	21.89	21.96		
15	64QAM	1	37	22.16	22.22	22.18	23	2
15	64QAM	1	74	22.01	22.00	21.91		
15	64QAM	36	0	20.95	21.00	21.01		
15	64QAM	36	20	21.02	21.04	21.05	22	3
15	64QAM	36	39	20.92	21.03	21.04		
15	64QAM	75	0	20.96	21.01	21.07		
Channel				26740	26742	26750	Turn-up limit (dBm)	MPR (dB)
				815	831.5	844	Turn-up limit (dBm)	MPR (dB)
10	QPSK	1	0	23.85	23.89	23.89		
10	QPSK	1	25	24.01	24.03	24.06	25	0
10	QPSK	1	49	23.94	23.83	23.86		
10	QPSK	25	0	22.92	22.95	23.13		
10	QPSK	25	0	22.97	22.99	23.01	24	1
10	QPSK	25	26	22.93	23.08	23.03		
10	QPSK	50	0	22.95	22.98	23.05		
10	16QAM	1	0	23.14	23.10	23.10	24	1
10	16QAM	1	25	23.25	23.29	23.30		
10	16QAM	1	49	23.18	23.07	23.08		
10	16QAM	25	0	21.91	21.92	22.11	23	2
10	16QAM	25	12	21.95	22.00	22.00		
10	16QAM	25	26	21.90	22.08	22.07		
10	16QAM	50	0	21.93	21.99	22.03	23	2
10	64QAM	1	0	21.99	22.02	22.04		
10	64QAM	1	25	22.16	22.25	22.21		
10	64QAM	1	49	22.06	22.08	21.97	22	3
10	64QAM	25	0	20.97	21.00	21.16		
10	64QAM	25	12	21.04	21.07	21.07		
10	64QAM	25	26	20.98	21.08	21.08	Turn-up limit (dBm)	MPR (dB)
10	64QAM	50	0	21.00	21.05	21.14		
Channel				26715	26695	27015	Turn-up limit (dBm)	MPR (dB)
				816.5	831.5	846.5	Turn-up limit (dBm)	MPR (dB)
5	QPSK	1	0	23.80	23.85	23.83		
5	QPSK	1	12	24.10	24.00	24.07	25	0
5	QPSK	1	24	23.85	23.79	23.77		
5	QPSK	12	0	22.90	22.92	22.89		
5	QPSK	12	7	23.01	23.01	23.01	24	1
5	QPSK	12	13	22.96	23.00	22.93		
5	QPSK	25	0	22.97	22.97	22.95		
5	16QAM	1	0	23.05	23.06	23.07	24	1
5	16QAM	1	12	23.39	23.40	23.33		
5	16QAM	1	24	23.07	23.10	22.93		
5	16QAM	12	0	21.90	21.89	21.89	23	2
5	16QAM	12	7	21.97	22.04	21.98		
5	16QAM	12	13	21.97	21.97	21.89		
5	16QAM	25	0	21.96	22.00	21.95	23	2
5	16QAM	25	7	21.94	21.97	21.96		
5	64QAM	1	0	22.25	22.25	22.23		
5	64QAM	1	12	22.00	21.99	21.87	22	3
5	64QAM	12	0	21.01	20.99	21.00		
5	64QAM	12	7	21.09	21.11	21.08		
5	64QAM	12	13	21.02	21.06	21.01	Turn-up limit (dBm)	MPR (dB)
5	64QAM	25	0	21.03	21.02	21.02		
Channel				26795	26685	27025	Turn-up limit (dBm)	MPR (dB)
				1317.5	1317.5	1317.5	Turn-up limit (dBm)	MPR (dB)
3	QPSK	1	0	23.91	23.92	23.91		
3	QPSK	1	8	23.95	23.92	23.93	25	0
3	QPSK	1	14	23.89	23.92	23.88		
3	QPSK	8	0	22.91	22.93	22.95		
3	QPSK	8	4	22.93	22.99	22.97	24	1
3	QPSK	8	7	22.95	22.97	22.91		
3	QPSK	15	0	22.91	22.97	22.92		
3	16QAM	1	0	23.11	23.14	23.16	24	1
3	16QAM	1	8	23.20	23.14	23.14		
3	16QAM	1	14	23.19	23.18	23.11		
3	16QAM	8	0	21.98	21.98	22.00	23	2
3	16QAM	8	4	21.97	22.03	21.95		
3	16QAM	8	7	22.03	22.02	21.95		
3	16QAM	15	0	21.91	21.96	21.95	23	2
3	64QAM	1	0	22.05	22.02	22.10		
3	64QAM	1	8	22.06	22.14	22.06		
3	64QAM	1	14	22.11	22.20	21.96	22	3
3	64QAM	8	0	21.04	21.06	21.02		
3	64QAM	8	4	21.04	21.06	21.08		
3	64QAM	8	7	21.06	21.06	21.03	Turn-up limit (dBm)	MPR (dB)
3	64QAM	15	0	21.01	21.05	20.95		
Channel				26697	26665	27033	Turn-up limit (dBm)	MPR (dB)
				1317.7	1317.5	1317.3	Turn-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	23.87	23.86	23.84		
1.4	QPSK	1	3	24.03	23.96	23.95	25	0
1.4	QPSK	1	5	23.86	23.87	23.82		
1.4	QPSK	3	0	23.94	23.96	23.89		
1.4	QPSK	3	1	23.99	24.01	24.00	24	1
1.4	QPSK	3	3	23.93	23.92	23.91		
1.4	QPSK	6	0	22.93	22.96	22.99		
1.4	16QAM	1	0	23.07	23.14	23.01	24	1
1.4	16QAM	1	3	23.22	23.15	23.13		
1.4	16QAM	1	5	23.14	23.08	23.05		
1.4	16QAM	3	0	22.90	22.92	22.90	23	2
1.4	16QAM	3	1	22.98	22.99	22.90		
1.4	16QAM	3	3	22.93	22.96	22.85		
1.4	16QAM	6	0	22.20	22.08	22.02	23	2
1.4	64QAM	1	0	22.04	22.07	22.02		
1.4	64QAM	1	3	22.17	22.10	22.04		
1.4	64QAM	1	5	22.01	22.05	21.86	23	2
1.4	64QAM	3	0	22.02	22.06	21.97		
1.4	64QAM	3	1	22.07	22.10	22.06		
1.4	64QAM	3	3	22.03	22.05	21.91	22	3
1.4	64QAM	6	0	21.02	21.03	20.99		
Channel				26697	26665	27033	Turn-up limit (dBm)	MPR (dB)
				1710.7	1745	1727.3	Turn-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	23.83	23.86	23.84		
1.4	QPSK	1	5	23.80	23.81	24.17	25	0
1.4	QPSK	3	0	23.71	23.80	24.06		
1.4	QPSK	3	1	23.74	24.11	24.19		
1.4	QPSK	3	3	23.71	23.95	24.33	24.5	1
1.4	QPSK	6	0	22.71	22.92	23.22		
1.4	16QAM	1	0	22.83	23.39	23.43		
1.4	16QAM	1	3	23.31	23.53	23.70	24.5	1
1.4	16QAM	1	5	23.12	23.50	23.27		
1.4	16QAM	3	0	22.81	22.85	22.97		
1.4	16QAM	3	1	22.71	23.05	23.09	23.5	2
1.4	16QAM	3	3	22.68	23.04	23.07		
1.4	16QAM	6	0	21.86	22.09	22.29		
1.4	64QAM	1	0	21.51	22.10	22.46	23.5	2
1.4	64QAM	1	3	21.95	22.30	22.40		
1.4	64QAM	1	5	21.90	22.24	22.41		
1.4	64QAM	3	0	21.78	22.08	22.23	22.5	3
1.4	64QAM	3	1	22.08	22.13	22.15		
1.4	64QAM	3	3	21.89	22.13	22.33		
1.4	64QAM	6	0	20.73	21.13	21.20	Turn-up limit (dBm)	MPR (dB)
Channel				131979	13202	13265	Turn-up limit (dBm)	MPR (dB)
				1710.7	1745	1727.3	Turn-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	23.63	23.72	24.02		
1.4	QPSK	1	5	23.60	23.80	24.06	25	0
1.4	QPSK	3	0	23.71	23.80	24.12		
1.4	QPSK	3	1	23.74	24.11	24.19		
1.4	QPSK	3	3	23.71	23.95	24.33	24.5	1
1.4	QPSK	6	0	22.71	22.92	23.22		
1.4	16QAM	1	0	22.83	23.39	23.43		
1.4	16QAM	1	3	23.31	23.53	23.70	24.5	1
1.4	16QAM	1	5	23.12	23.50	23.27		
1.4	16QAM	3	0	22.81	22.85	22.97		
1.4	16QAM	3	1	22.71	23.05	23.09	23.5	2
1.4	16QAM	3	3	22.68	23.04	23.07		
1.4	16QAM	6	0	21.86	22.09	22.29		
1.4	64QAM	1	0	21.51	22.10	22.46	23.5	2
1.4	64QAM	1	3	21.95	22.30	22.40		
1.4	64QAM	1	5	21.90	22.24	22.41		
1.4	64QAM	3	0	21.78	22.08	22.23	22.5	3
1.4	64QAM	3	1	22.08	22.13	22.15		
1.4	64QAM	3	3	21.89	22.13	22.33		
1.4	64QAM	6	0	20.73	21.13	21.20	Turn-up limit (dBm)	MPR (dB)
Channel				131979	13202	13265	Turn-up limit (dBm)	MPR (dB)
				1710.7	1745	1727.3	Turn-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	23.63	23.72	24.02		
1.4	QPSK	1	5	23.60	23.80	24.06	25	0
1.4	QPSK	3	0	23.71	23.80	24.12		
1.4	QPSK	3	1	23.74	24.11	24.19		
1.4	QPSK	3	3	23.71	23.95	24.33	24.5	1
1.4	QPSK	6	0	22.71	22.92	23.22		
1.4	16QAM	1	0	22.83	23.39	23.43		
1.4	16QAM	1	3	23.31	23.53	23.70	24.5	1
1.4	16QAM	1	5	23.12	23.50	23.27		
1.4	16QAM	3	0	22.81	22.85	22.97		
1.4	16QAM	3	1	22.71	23.05	23.09	23.5	2
1.4	16QAM	3	3	22.68	23.04	23.07		
1.4	16QAM	6	0	21.86	22.09	22.29		
1.4	64QAM	1	0	21.51	22.10	22.46	23.5	2
1.4	64QAM	1	3	21.95	22.30	22.40		
1.4	64QAM	1	5	21.90	22.24	22.41		
1.4	64QAM	3	0	21.78	22.08	22.23	22.5	3
1.4	64QAM	3	1	22.08	22.13	22.15		
1.4								

Band 71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.77	23.89	23.71	25	0		
20	QPSK	1	49	24.03	24.10	23.93				
20	QPSK	1	99	23.77	23.80	23.63				
20	QPSK	50	0	23.24	23.30	23.19				
20	QPSK	50	24	23.17	23.28	23.12	24	1		
20	QPSK	50	50	23.14	23.16	23.09				
20	QPSK	100	0	23.08	23.22	23.07				
20	16QAM	1	0	23.14	23.20	23.01				
20	16QAM	1	49	23.13	23.25	23.24	24	1		
20	16QAM	50	99	23.00	23.15	23.13				
20	16QAM	50	0	22.16	22.22	22.06				
20	16QAM	50	24	22.15	22.28	22.28				
20	16QAM	50	50	22.12	22.18	22.01	23	2		
20	16QAM	100	0	22.22	22.23	22.09				
20	64QAM	1	0	22.04	22.06	22.01				
20	64QAM	1	49	21.96	22.11	22.05				
20	64QAM	1	99	22.00	22.02	22.02	23	2		
20	64QAM	50	0	20.98	21.10	20.95				
20	64QAM	50	24	21.17	21.01	21.01				
20	64QAM	50	50	21.03	21.05	20.95				
20	64QAM	100	0	21.12	21.12	21.06	22	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.68	23.89	23.65	25	0		
15	QPSK	1	37	24.02	23.97	23.91				
15	QPSK	1	74	23.67	23.79	23.55				
15	QPSK	36	0	23.15	23.09	23.08				
15	QPSK	36	20	23.11	23.23	23.01	24	1		
15	QPSK	36	36	22.95	22.97	23.00				
15	QPSK	75	0	23.06	23.19	22.96				
15	16QAM	1	0	23.05	23.12	22.88				
15	16QAM	1	37	22.99	23.16	23.16	24	1		
15	16QAM	1	74	22.88	22.97	23.05				
15	16QAM	36	0	22.03	22.04	21.87				
15	16QAM	36	20	22.07	22.28	22.12				
15	16QAM	36	36	21.95	22.15	22.01	23	2		
15	16QAM	75	0	22.08	22.12	22.00				
15	64QAM	1	0	21.98	22.06	21.91				
15	64QAM	1	37	21.85	21.99	21.89				
15	64QAM	1	74	21.90	21.85	21.84	23	2		
15	64QAM	36	0	20.80	21.00	20.90				
15	64QAM	36	20	21.06	21.02	20.91				
15	64QAM	36	36	20.88	20.97	20.88				
15	64QAM	75	0	21.12	20.95	20.87	22	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.72	23.73	23.67	25	0		
10	QPSK	1	25	23.90	24.05	23.79				
10	QPSK	1	49	23.63	23.78	23.52				
10	QPSK	25	0	23.16	23.15	22.95				
10	QPSK	25	12	23.21	23.16	23.01	24	1		
10	QPSK	25	25	22.97	23.02	23.07				
10	QPSK	50	0	22.99	23.20	23.03				
10	16QAM	1	0	22.96	23.14	22.94				
10	16QAM	1	25	22.96	23.12	23.24	24	1		
10	16QAM	1	49	22.98	22.99	22.98				
10	16QAM	25	0	21.98	22.03	21.89				
10	16QAM	25	12	22.00	22.24	22.14				
10	16QAM	25	25	22.01	22.12	22.00	23	2		
10	16QAM	50	0	22.15	22.11	22.02				
10	64QAM	1	0	21.94	21.97	21.87				
10	64QAM	1	25	21.96	22.11	21.93				
10	64QAM	1	49	21.89	21.96	21.85	23	2		
10	64QAM	25	0	20.90	21.00	20.85				
10	64QAM	25	12	21.15	21.16	20.91				
10	64QAM	25	25	20.95	20.86	20.82				
10	64QAM	50	0	20.95	21.06	20.89	22	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.75	23.89	23.68	25	0		
5	QPSK	1	12	23.84	24.09	23.85				
5	QPSK	1	24	23.60	23.16	23.63				
5	QPSK	12	0	23.00	23.13	23.06				
5	QPSK	12	7	23.10	23.13	23.10	24	1		
5	QPSK	12	13	23.05	22.97	23.06				
5	QPSK	25	0	23.04	23.14	22.88				
5	16QAM	1	0	23.05	23.04	22.93				
5	16QAM	1	12	23.12	23.16	23.24	24	1		
5	16QAM	1	24	22.88	23.13	23.05				
5	16QAM	12	0	21.98	22.03	21.91				
5	16QAM	12	7	22.10	22.16	22.12				
5	16QAM	12	13	22.06	21.99	21.93	23	2		
5	16QAM	25	0	22.15	22.22	22.01				
5	64QAM	1	0	22.03	21.92	21.97				
5	64QAM	1	12	21.85	21.85	22.00				
5	64QAM	1	24	21.83	21.88	21.94	23	2		
5	64QAM	12	0	20.82	20.97	20.87				
5	64QAM	12	7	21.16	21.01	20.92				
5	64QAM	12	13	20.97	20.99	20.90				
5	64QAM	25	0	21.03	20.99	21.02	22	3		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)												
20	QPSK	1	0	24.01	24.04	24.18	23.90	23.87	25	0		
20	QPSK	1	49	24.33	24.29	24.46	24.17	24.08				
20	QPSK	1	99	24.11	24.07	24.15	23.98	23.90				
20	QPSK	50	0	23.05	23.16	23.24	23.05	22.97				
20	QPSK	50	24	23.16	23.14	23.21	22.93	23.03	24	1		
20	QPSK	50	50	23.17	23.06	23.23	23.04	22.99				
20	QPSK	100	0	23.12	23.15	23.23	23.15	23.09				
20	16QAM	1	0	23.08	23.10	23.13	23.01	22.96				
20	16QAM	1	49	23.43	23.36	23.48	23.21	23.20	24	1		
20	16QAM	1	99	23.15	23.13	23.24	23.00	22.96				
20	16QAM	50	0	22.10	22.19	22.24	22.04	22.04				
20	16QAM	50	24	22.16	22.21	22.40	22.16	22.03				
20	16QAM	50	50	22.26	22.22	22.28	22.11	22.09	23	2		
20	16QAM	100	0	22.24	22.32	22.35	22.12	22.07				
20	64QAM	1	0	21.87	21.79	21.89	21.73	21.67				
20	64QAM	1	49	22.15	22.19	22.23	21.97	21.98				
20	64QAM	1	99	21.60	21.65	21.60	21.71	21.66	23	2		
20	64QAM	50	0	21.18	21.27	21.30	21.08	20.95				
20	64QAM	50	24	21.26	21.25	21.31	21.10	21.12				
20	64QAM	50	50	21.31	21.27	21.35	21.10	21.13				
20	64QAM	100	0	21.25	21.25	21.31	21.14	21.10	22	3		
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.99	24.03	24.07	23.83	23.74	25	0		
15	QPSK	1	37	24.28	24.17	24.41	24.09	24.01				
15	QPSK	1	74	24.03	23.86	24.04	23.82	23.80				
15	QPSK	36	0	22.92	23.09	23.18	22.95	22.95				
15	QPSK	36	20	23.10	23.03	23.17	22.88	22.90	24	1		
15	QPSK	36	39	23.14	23.05	23.18	22.92	22.94				
15	QPSK	75	0	23.10	23.12	23.22	23.02	22.99				
15	16QAM	1	0	22.98	22.97	23.10	22.88	22.93				
15	16QAM	1	37	23.40	23.23	23.35	23.16	23.17	24	1		
15	16QAM	1	74	23.04	23.09	23.14	22.87	22.83				
15	16QAM	36	0	22.00	22.11	22.19	22.00	21.96				
15	16QAM	36	20	22.12	22.09	22.29	22.10	21.90				
15	16QAM	36	39	22.15	22.13	22.15	22.09	22.00	23	2		
15	16QAM	75	0	22.18	22.26	22.23	22.04	22.05				
15	64QAM	1	0	21.80	21.70	21.83	21.71	21.64				
15	64QAM	1	37	22.07	22.14	22.18	21.96	21.81				
15	64QAM	1	74	21.77	21.70	21.85	21.64	21.57	23	2		
15	64QAM	36	0	21.10	21.20	21.25	21.03	20.92				
15	64QAM	36	20	21.16	21.21	21.29	21.08	21.03				
15	64QAM	36	39	21.25	21.20	21.28	21.05	21.08				
15	64QAM	75	0	21.16	21.18	21.27	21.13	21.01	22	3		
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.90	24.00	24.07	23.86	23.85	25	0		
10	QPSK	1	25	24.39	24.35	24.46	24.16	23.99				
10	QPSK	25	0	23.98	24.06	24.11	23.93	23.81				
10	QPSK	25	12	23.09	23.03	23.16	22.88	22.89				
10	QPSK	25	25	23.1	23.02	23.14	22.98	22.92	24	1		
10	QPSK	50	0	23.05	23.13	23.22	23.02	22.96				
10	16QAM	1	0	23.03	23.03	23	22.98	22.85				
10	16QAM	1	25	23.39	23.33	23.45	23.15	23.09				
10	16QAM	1	49	23.12	23.02	23.11	22.9	22.83	24	1		
10	16QAM	25	0	22.01	22.1	22.23	21.97	21.97				
10	16QAM	25	12	22.05	22.2	22.34	22.1	21.99				
10	16QAM	25	25	22.13	22.15	22.22	22.02	22.01				
10	16QAM	50	0	22.17	22.25	22.31	22.08	22.01	23	2		
10	64QAM	1	0	21.74	21.71	21.88	21.65	21.53				
10	64QAM	1	25	22.13	22.14	22.18	21.93	21.84				
10	64QAM	1	49	21.69	21.84	21.79	21.58	21.51				
10	64QAM	25	0	21.1	21.17	21.28	21.07	20.89	22	3		
10	64QAM	25	12	21.24	21.16	21.22	21.06	21.05				
10	64QAM	25	25	21.22	21.2	21.26	21.09	21.11				
10	64QAM	50	0	21.16	21.23	21.26	21.13	21.04				
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.94	24.93	25.05	24.81	24.77	25	0		
5	QPSK	1	12	24.95	24.95	25.13	24.88	24.77				
5	QPSK	1	24	24.25	24.25	24.42	24.12	24.03				
5	QPSK	1	24	23.99	24.01	24.07	23.92	23.82				
5	QPSK	12	0	22.97	23.04	23.22	23.01	22.84	24	1		
5	QPSK	12	7	23.15	23.03	23.11	22.81	22.94				
5	QPSK	12	13	23.06	22.97	23.15	22.91	22.97				
5	QPSK	25	0	23.05	23.1	23.1	23.06	23.00				
5	16QAM	1	0	23.06	23.04	23.12	22.89	22.93	24	1		
5	16QAM	1	12	23.34	23.25	23.44	23.17	23.07				
5	16QAM	1	24	23.03	23.06	23.17	22.98	22.89				
5	16QAM	12	0	22	22.09	22.18	22.03	21.99				
5	16QAM	12	7	22.13	22.19	22.3	22.1	21.91	23	2		
5	16QAM	12	13	22.2	22.17	22.25	22.07	22.07				
5	16QAM	25	0	22.2	22.28	22.24	22.04	21.98				
5	64QAM	1	0	21.75	21.76	21.85	21.61	21.58				
5	64QAM	1	12	22.12	22.09	22.18	21.89	21.92	23	2		
5	64QAM	1	24	21.7	21.84	21.76	21.61	21.53				
5	64QAM	12	0	21.15	21.17	21.22	21.08	20.88				
5	64QAM	12	7	21.25	21.22	21.22	21.02	21.05				
5	64QAM	12	13	21.27	21.24	21.29	21.05	21.08	22	3		
5	64QAM	25	0	21.15	21.22	21.21	21.05	21.07				
Channel												
Frequency (MHz)												
30	QPSK	1	0	23.99	23.99	24.07	23.83	23.74	25	0		
30	QPSK	1	74	24.28	24.17	24.41	24.09	24.01				
30	QPSK	36	0	22.92	23.05	23.18	22.86	22.85				
30	QPSK	36	20	23.10	23.03	23.17	22.88	22.90				
30	QPSK	36	39	23.14	23.05	23.18	22.92	22.94	24	1		
30	QPSK	75	0	23.10	23.12	23.22	23.02	22.99				
30	16QAM	1	0	22.98	22.97	23.10	22.88	22.93				
30	16QAM	1	37	23.40	23.23	23.35	23.16	23.17				
30	16QAM	1	74	23.04	23.09	23.14	22.87	22.83	23	2		
30	16QAM	36	0	22.00	22.11	22.19	22.00	21.96				
30	16QAM	36	20	22.12	22.08	22.29	22.10	21.90				
30	16QAM	36	39	22.15	22.13	22.15	22.09	22.00				
30	16QAM	75	0	22.18	22.26	22.23	22.04	22.05	23	2		
30	64QAM	1	0	21.80	21.70	21.83	21.71	21.64				
30	64QAM	1	37	22.07	22.14	22.18	21.96	21.81				
30	64QAM	1	74	21.77	21.70	21.85	21.64	21.57				
30	64QAM	36	0	21.10	21.20	21.25	21.03	20.92	22	3		
30	64QAM	36	20	21.16	21.21	21.29	21.08	21.03				
30	64QAM	36	39	21.25	21.20	21.28	21.05	21.08				
30	64QAM	75	0	21.16	21.18	21.27	21.13	21.01				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.89	23.95	24.06	23.83	23.8	25	0		
10	QPSK	1	25	24.3	24.28	24.46	24.16	23.99				
10	QPSK	25	0	23.98	24.06	24.11	23.83	23.81				
10	QPSK	25	12	23.09	23.03	23.16	22.88	22.89				
10	QPSK	25	12	23.11	23.02	23.14	22.88	22.92	24	1		
10	QPSK	50	0	23.05	23.13	23.22	23.02	22.96				
10	16QAM	1	0	23.03	23.03	23	22.98	22.85				
10	16QAM	1	25	23.39	23.33	23.45	23.15	23.09				
10	16QAM	1	49	23.12	23.02	23.11	22.9	22.83	24	1		
10	16QAM	25	0	22.01	22.1	22.23	21.97	21.97				
10	16QAM	25	12	22.05	22.2	22.34	22.1	21.99				
10	16QAM	25	25	22.13	22.15	22.22	22.02	22.01				
10	16QAM	50	0	22.17	22.25	22.31	22.08	22.01	23	2		
10	64QAM	1	0	21.74	21.71	21.88	21.65	21.53				
10	64QAM	1	25	22.13	22.14	22.18	21.93	21.84				
10	64QAM	1	49	21.69	21.84	21.79	21.58	21.51				
10	64QAM	25	0	21.1	21.17	21.28	21.07	20.89	22	3		
10	64QAM	25	12	21.24	21.16	21.22	21.06	21.05				
10	64QAM	25	25	21.22	21.2	21.26	21.09	21.11				
10	64QAM	50	0	21.16	21.23	21.26	21.13	21.04				
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.94	23.95	24.13	23.83	23.77	25	0		
5	QPSK	1	12	24.25	24.25	24.42	24.12	24.03				
5	QPSK	1	24	23.99	24.01	24.07	23.92	23.82				
5	QPSK	12	0	22.97	23.04	23.22	23.01	22.84				
5	QPSK	12	7	23.15	23.03	23.11	22.81	22.94	24	1		
5	QPSK	12	13	23.06	22.97	23.15	22.91	22.97				
5	QPSK	25	0	23.05	23.1	23.1	23.06	23.00				
5	16QAM	1	0	23.06	23.04	23.12	22.89	22.93				
5	16QAM	1	12	23.34	23.25	23.44	23.17	23.07	24	1		
5	16QAM	1	24	23.03	23.06	23.17	22.98	22.89				
5	16QAM	12	0	22	22.09	22.18	22.03	21.99				
5	16QAM	12	7	22.13	22.19	22.3	22.1	21.91				
5	16QAM	12	13	22.2	22.17	22.25	22.07	22.07	23	2		
5	16QAM	25	0	22.2	22.28	22.24	22.04	2				

Reduced Power Mode for Hotspot on

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
Tx Channel	126	189	251	Limit	126	189	251	Limit
Frequency (MHz)	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot	32.22	32.30	32.25	33.60	23.22	23.30	23.25	24.50
GPRS 1 Tx slot	32.20	32.25	32.18	33.60	23.20	23.25	23.18	24.50
GPRS 2 Tx slots	28.95	29.00	29.02	30.00	22.95	23.00	23.02	24.00
GPRS 3 Tx slots	28.16	28.18	28.11	29.00	23.90	23.92	23.85	24.74
GPRS 4 Tx slots	27.03	27.07	27.00	28.00	24.03	24.07	24.00	25.00
EDGE 1 Tx slot	27.60	27.66	27.63	28.50	18.60	18.66	18.63	19.50
EDGE 2 Tx slots	23.62	23.60	23.52	24.50	17.62	17.60	17.52	18.50
EDGE 3 Tx slots	22.52	22.58	22.49	23.50	18.26	18.32	18.23	19.24
EDGE 4 Tx slots	21.30	21.35	21.28	22.50	18.30	18.35	18.28	19.50

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
Tx Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1850	1850.8	(dBm)	1850.2	1850	1850.8	(dBm)
GSM 1 Tx slot	29.97	29.64	29.52	30.50	20.97	20.64	20.52	21.50
GPRS 1 Tx slot	29.88	29.55	29.26	30.50	20.88	20.55	20.26	21.50
GPRS 2 Tx slots	27.40	27.16	26.96	28.50	21.40	21.16	20.96	22.50
GPRS 3 Tx slots	25.68	25.43	25.19	26.50	21.42	21.17	20.93	22.24
GPRS 4 Tx slots	24.44	24.20	23.97	25.50	21.44	21.20	20.97	22.50
EDGE 1 Tx slot	26.66	26.93	26.64	28.50	17.66	17.93	17.64	19.50
EDGE 2 Tx slots	24.04	24.44	24.16	25.50	18.04	18.44	18.16	19.50
EDGE 3 Tx slots	22.45	22.90	22.48	23.50	18.10	18.64	18.22	19.24
EDGE 4 Tx slots	21.23	21.56	21.36	22.50	18.23	18.56	18.36	19.50

Band	WCDMA II_Ant 0				WCDMA IV_Ant 0				WCDMA V_Ant 1				
Tx Channel	9262	9400	9538	Limit	1312	1413	1513	Limit	4132	4162	4233	Limit	
Rx Channel	9662	9800	9938	(dBm)	1537	1638	1738	(dBm)	4367	4407	4458	(dBm)	
Frequency (MHz)	1825.4	1840	1855.6		1222.4	1232.6	1252.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	21.49	21.53	21.24	22.50	20.85	21.05	21.05	22.00	24.07	24.20	24.16	25.00
3GPP Rel 99	RMC 12.2Kbps	21.51	21.54	21.25	22.50	20.85	21.15	21.09	22.00	24.10	24.24	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	21.52	21.40	21.19	22.50	20.59	20.82	20.86	21.00	23.14	23.26	23.14	24.50
3GPP Rel 6	HSDPA Subtest-2	21.44	21.35	21.07	22.50	20.55	20.66	20.68	21.00	23.20	23.21	23.05	24.50
3GPP Rel 6	HSDPA Subtest-3	20.90	20.86	20.62	22.00	20.11	20.27	20.15	20.50	22.80	22.80	22.58	24.00
3GPP Rel 6	HSDPA Subtest-4	20.91	20.86	20.55	22.00	20.14	20.11	20.14	20.50	22.71	22.78	22.55	24.00
3GPP Rel 6	DCHSDPA Subtest-1	21.43	21.22	21.08	22.50	20.49	20.71	20.72	21.00	23.15	23.23	23.11	24.50
3GPP Rel 6	DCHSDPA Subtest-2	21.36	21.21	20.89	22.50	20.34	20.44	20.66	21.00	23.10	23.18	23.07	24.50
3GPP Rel 6	DCHSDPA Subtest-3	20.73	20.79	20.57	22.00	19.98	20.10	20.23	20.50	22.65	22.75	22.67	24.00
3GPP Rel 6	DCHSDPA Subtest-4	20.75	20.81	20.47	22.00	19.99	20.08	20.02	20.50	22.63	22.73	22.60	24.00
3GPP Rel 6	HSUPA Subtest-1	19.68	19.45	19.29	20.00	18.69	18.75	18.94	19.50	21.25	21.33	21.26	22.50
3GPP Rel 6	HSUPA Subtest-2	19.59	19.47	19.29	20.00	18.65	18.75	18.90	19.50	21.35	21.28	21.29	22.50
3GPP Rel 6	HSUPA Subtest-3	20.66	20.45	20.21	21.00	19.65	19.88	19.90	20.50	22.31	22.35	22.29	23.50
3GPP Rel 6	HSUPA Subtest-4	19.82	18.98	18.74	19.00	18.27	18.32	18.43	18.50	20.76	20.74	20.73	21.50
3GPP Rel 6	HSUPA Subtest-5	20.50	20.50	20.20	21.00	19.62	19.67	19.81	20.50	22.20	22.30	22.20	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.91	19.88	19.54	20.50	17.96	18.11	18.24	19.00	20.90	20.95	20.88	22.00

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1800	1800	1900	22.5	0
Frequency (MHz)				1800	1800	1900		
20	QPSK	1	0	21.48	21.49	21.39	22.5	0
20	QPSK	1	49	21.54	21.58	21.49		
20	QPSK	1	99	21.36	21.41	21.35		
20	QPSK	50	0	21.54	21.56	21.44		
20	QPSK	50	24	21.29	21.39	21.38	22.5	0
20	QPSK	50	50	21.42	21.46	21.45		
20	QPSK	100	0	21.43	21.50	21.38		
20	16QAM	1	0	21.34	21.38	21.36		
20	16QAM	1	49	21.30	21.31	21.30	22.5	0
20	16QAM	1	99	21.19	21.29	21.25		
20	16QAM	50	0	21.33	21.34	21.23		
20	16QAM	50	24	21.30	21.37	21.30		
20	16QAM	50	50	21.30	21.38	21.27	22.5	0
20	16QAM	100	0	21.31	21.42	21.29		
20	64QAM	1	0	21.24	21.29	21.16		
20	64QAM	1	49	21.35	21.37	21.29		
20	64QAM	1	99	21.34	21.42	21.28	22.5	0
20	64QAM	50	0	21.42	21.46	21.40		
20	64QAM	50	24	21.21	21.27	21.25		
20	64QAM	50	50	21.31	21.34	21.33		
20	64QAM	100	0	21.34	21.38	21.34	Tune-up limit (dBm)	MPR (dB)
Channel				18675	18600	19125		
Frequency (MHz)				18675	18600	19125		
15	QPSK	1	0	21.43	21.47	21.41	22.5	0
15	QPSK	1	37	21.48	21.45	21.43		
15	QPSK	1	74	21.37	21.42	21.36		
15	QPSK	36	0	21.48	21.46	21.43		
15	QPSK	36	20	21.28	21.29	21.31	22.5	0
15	QPSK	36	39	21.45	21.47	21.41		
15	QPSK	75	0	21.43	21.42	21.48		
15	16QAM	1	0	21.29	21.29	21.18		
15	16QAM	1	37	21.18	21.29	21.30	22.5	0
15	16QAM	1	74	21.22	21.21	21.19		
15	16QAM	36	0	21.32	21.26	21.22		
15	16QAM	36	20	21.31	21.33	21.33		
15	16QAM	36	39	21.31	21.31	21.31	22.5	0
15	16QAM	75	0	21.34	21.35	21.35		
15	64QAM	1	0	21.28	21.19	21.21		
15	64QAM	1	37	21.36	21.25	21.35		
15	64QAM	1	74	21.37	21.29	21.34	22.5	0
15	64QAM	36	0	21.45	21.43	21.37		
15	64QAM	36	20	21.21	21.26	21.17		
15	64QAM	36	39	21.29	21.28	21.27		
15	64QAM	75	0	21.28	21.34	21.37	Tune-up limit (dBm)	MPR (dB)
Channel				18660	18600	19150		
Frequency (MHz)				18660	18600	19150		
10	QPSK	1	0	21.40	21.47	21.39	22.5	0
10	QPSK	1	25	21.47	21.46	21.42		
10	QPSK	1	49	21.36	21.41	21.37		
10	QPSK	25	0	21.45	21.43	21.43		
10	QPSK	25	12	21.31	21.33	21.36	22.5	0
10	QPSK	25	25	21.42	21.42	21.42		
10	QPSK	50	0	21.38	21.39	21.40		
10	16QAM	1	0	21.36	21.33	21.25		
10	16QAM	1	25	21.21	21.18	21.18	22.5	0
10	16QAM	1	49	21.26	21.26	21.24		
10	16QAM	25	0	21.27	21.32	21.21		
10	16QAM	25	12	21.30	21.30	21.27		
10	16QAM	25	25	21.35	21.26	21.37	22.5	0
10	16QAM	50	0	21.30	21.35	21.28		
10	16QAM	75	0	21.17	21.24	21.15		
10	64QAM	1	25	21.24	21.35	21.28		
10	64QAM	1	49	21.36	21.39	21.34	22.5	0
10	64QAM	25	0	21.38	21.38	21.39		
10	64QAM	25	12	21.18	21.22	21.22		
10	64QAM	25	25	21.33	21.32	21.28		
10	64QAM	50	0	21.32	21.30	21.30	Tune-up limit (dBm)	MPR (dB)
Channel				18625	18600	19175		
Frequency (MHz)				18625	18600	19175		
5	QPSK	1	0	21.42	21.47	21.48	22.5	0
5	QPSK	1	12	21.44	21.36	21.48		
5	QPSK	1	24	21.31	21.35	21.33		
5	QPSK	12	0	21.46	21.45	21.40		
5	QPSK	12	7	21.37	21.30	21.31	22.5	0
5	QPSK	12	13	21.39	21.42	21.48		
5	QPSK	25	0	21.47	21.43	21.40		
5	16QAM	1	0	21.30	21.31	21.34		
5	16QAM	1	12	21.22	21.26	21.24	22.5	0
5	16QAM	1	24	21.21	21.28	21.18		
5	16QAM	12	0	21.23	21.23	21.31		
5	16QAM	12	7	21.28	21.28	21.35		
5	16QAM	12	13	21.25	21.26	21.26	22.5	0
5	16QAM	25	0	21.34	21.34	21.41		
5	64QAM	1	0	21.19	21.25	21.15		
5	64QAM	1	12	21.32	21.25	21.33		
5	64QAM	1	24	21.38	21.27	21.37	22.5	0
5	64QAM	12	0	21.41	21.38	21.44		
5	64QAM	12	7	21.20	21.23	21.22		
5	64QAM	12	13	21.29	21.31	21.32		
5	64QAM	25	0	21.31	21.34	21.32	Tune-up limit (dBm)	MPR (dB)
Channel				18615	18600	19185		
Frequency (MHz)				18615	18600	19185		
3	QPSK	1	0	21.43	21.42	21.47	22.5	0
3	QPSK	1	8	21.46	21.44	21.42		
3	QPSK	1	14	21.30	21.31	21.40		
3	QPSK	8	0	21.44	21.49	21.47		
3	QPSK	8	4	21.36	21.33	21.30	22.5	0
3	QPSK	8	7	21.42	21.49	21.37		
3	QPSK	15	0	21.48	21.43	21.43		
3	16QAM	1	0	21.29	21.26	21.35		
3	16QAM	1	8	21.26	21.18	21.21	22.5	0
3	16QAM	1	14	21.27	21.23	21.25		
3	16QAM	8	0	21.29	21.31	21.33		
3	16QAM	8	4	21.29	21.34	21.27		
3	16QAM	8	7	21.34	21.26	21.35	22.5	0
3	16QAM	15	0	21.35	21.29	21.34		
3	64QAM	1	0	21.17	21.21	21.17		
3	64QAM	1	8	21.25	21.25	21.31		
3	64QAM	1	14	21.33	21.30	21.30	22.5	0
3	64QAM	8	0	21.42	21.36	21.38		
3	64QAM	8	4	21.17	21.25	21.23		
3	64QAM	8	7	21.30	21.26	21.29		
3	64QAM	15	0	21.32	21.32	21.32	Tune-up limit (dBm)	MPR (dB)
Channel				18607	18600	19193		
Frequency (MHz)				18607	18600	19193		
1.4	QPSK	1	0	21.39	21.36	21.39	22.5	0
1.4	QPSK	1	3	21.34	21.43	21.44		
1.4	QPSK	1	5	21.36	21.33	21.29		
1.4	QPSK	0	0	21.46	21.32	21.35		
1.4	QPSK	3	1	21.37	21.33	21.37	22.5	0
1.4	QPSK	3	3	21.38	21.37	21.45		
1.4	QPSK	0	0	21.42	21.44	21.40		
1.4	16QAM	1	0	21.28	21.25	21.26		
1.4	16QAM	1	3	21.18	21.20	21.22	22.5	0
1.4	16QAM	5	0	21.23	21.20	21.27		
1.4	16QAM	3	0	21.30	21.33	21.26		
1.4	16QAM	3	1	21.27	21.29	21.35		
1.4	16QAM	36	0	21.29	21.27	21.35	22.5	0
1.4	16QAM	6	0	21.39	21.29	21.39		
1.4	64QAM	1	0	21.23	21.21	21.21		
1.4	64QAM	3	0	21.27	21.24	21.32		
1.4	64QAM	1	5	21.27	21.38	21.30	22.5	0
1.4	64QAM	3	0	21.45	21.38	21.38		
1.4	64QAM	3	1	21.17	21.18	21.21		
1.4	64QAM	3	3	21.25	21.29	21.24		
1.4	64QAM	6	0	21.29	21.28	21.30	22.5	0
Channel				18607	18600	19193		
Frequency (MHz)				18607	18600	19193		

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				2000	2000	2000				
Frequency (MHz)				1720	1725	1730				
20	QPSK	1	0	20.17	20.80	20.74	22	0		
20	QPSK	1	48	20.70	20.98	20.89				
20	QPSK	1	96	20.63	20.91	20.78				
20	QPSK	50	0	20.66	20.82	20.75				
20	QPSK	50	24	20.49	20.73	20.73	22	0		
20	QPSK	50	50	20.47	20.77	20.77				
20	QPSK	100	0	20.58	20.70	20.75				
20	16QAM	1	0	20.58	20.84	20.68				
20	16QAM	1	48	20.64	20.78	20.78	22	0		
20	16QAM	1	96	20.64	20.76	20.69				
20	16QAM	50	0	20.63	20.77	20.78				
20	16QAM	50	24	20.62	20.77	20.78				
20	16QAM	50	50	20.59	20.74	20.65	22	0		
20	16QAM	100	0	20.54	20.76	20.73				
20	64QAM	1	48	20.80	20.83	20.78				
20	64QAM	1	96	20.53	20.71	20.79				
20	64QAM	50	0	20.50	20.62	20.57	22	0		
20	64QAM	50	24	20.57	20.70	20.69				
20	64QAM	50	50	20.53	20.77	20.53				
20	64QAM	100	0	20.54	20.66	20.62				
Channel				2000	2000	2000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1725	1725	1725				
15	QPSK	1	0	20.58	20.69	20.63	22	0		
15	QPSK	1	37	20.61	20.90	20.83				
15	QPSK	1	74	20.54	20.74	20.74				
15	QPSK	36	0	20.54	20.78	20.68				
15	QPSK	36	20	20.46	20.72	20.66	22	0		
15	QPSK	36	36	20.59	20.65	20.68				
15	QPSK	75	0	20.49	20.70	20.70				
15	16QAM	1	0	20.48	20.76	20.66				
15	16QAM	1	37	20.53	20.81	20.66	22	0		
15	16QAM	1	74	20.82	20.71	20.65				
15	16QAM	36	0	20.56	20.71	20.74				
15	16QAM	36	20	20.53	20.73	20.68				
15	16QAM	36	36	20.55	20.64	20.55	22	0		
15	16QAM	75	0	20.49	20.73	20.69				
15	64QAM	1	0	20.51	20.77	20.68				
15	64QAM	1	37	20.51	20.78	20.68				
15	64QAM	1	74	20.50	20.68	20.73	22	0		
15	64QAM	36	0	20.45	20.69	20.48				
15	64QAM	36	20	20.49	20.62	20.58				
15	64QAM	36	36	20.51	20.75	20.42				
15	64QAM	75	0	20.50	20.47	20.57	22	0		
Channel				2000	2000	2000			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1725	1725				
10	QPSK	1	0	20.12	20.79	20.72			22	0
10	QPSK	1	25	20.59	20.96	20.83				
10	QPSK	1	49	20.54	20.77	20.73				
10	QPSK	25	0	20.56	20.77	20.64				
10	QPSK	25	12	20.58	20.70	20.69	22	0		
10	QPSK	25	25	20.55	20.68	20.65				
10	QPSK	50	0	20.57	20.60	20.57				
10	16QAM	1	0	20.57	20.77	20.59				
10	16QAM	1	25	20.62	20.68	20.64	22	0		
10	16QAM	1	49	20.58	20.72	20.58				
10	16QAM	25	0	20.54	20.74	20.70				
10	16QAM	25	12	20.57	20.67	20.71				
10	16QAM	25	25	20.52	20.66	20.62	22	0		
10	16QAM	50	0	20.43	20.73	20.62				
10	64QAM	1	0	20.52	20.73	20.66				
10	64QAM	1	25	20.50	20.80	20.74				
10	64QAM	1	49	20.46	20.62	20.70	22	0		
10	64QAM	25	0	20.45	20.81	20.47				
10	64QAM	25	12	20.48	20.59	20.49				
10	64QAM	25	25	20.41	20.72	20.42				
10	64QAM	50	0	20.50	20.51	20.56	22	0		
Channel				1997.5	2000	2000			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1725	1725				
5	QPSK	1	0	20.56	20.79	20.73			22	0
5	QPSK	1	12	20.60	20.90	20.84				
5	QPSK	1	24	20.58	20.77	20.71				
5	QPSK	12	0	20.62	20.75	20.74				
5	QPSK	12	7	20.39	20.66	20.65	22	0		
5	QPSK	12	13	20.45	20.78	20.78				
5	QPSK	25	0	20.55	20.59	20.66				
5	16QAM	1	0	20.57	20.82	20.61				
5	16QAM	1	12	20.62	20.65	20.63	22	0		
5	16QAM	1	24	20.60	20.69	20.68				
5	16QAM	12	0	20.54	20.70	20.70				
5	16QAM	12	7	20.54	20.65	20.63				
5	16QAM	12	13	20.55	20.68	20.63	22	0		
5	16QAM	25	0	20.51	20.72	20.63				
5	16QAM	25	7	20.53	20.79	20.64				
5	64QAM	1	12	20.50	20.78	20.75				
5	64QAM	1	24	20.52	20.66	20.67	22	0		
5	64QAM	12	0	20.49	20.81	20.54				
5	64QAM	12	7	20.49	20.59	20.57				
5	64QAM	12	13	20.51	20.75	20.51				
5	64QAM	25	0	20.44	20.54	20.59	22	0		
Channel				1996.5	2000	2000			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1725	1725				
3	QPSK	1	0	20.59	20.77	20.68			22	0
3	QPSK	1	8	20.69	20.97	20.87				
3	QPSK	1	14	20.52	20.81	20.72				
3	QPSK	8	0	20.59	20.80	20.63				
3	QPSK	8	4	20.42	20.68	20.62	22	0		
3	QPSK	8	15	20.65	20.72	20.78				
3	QPSK	15	0	20.46	20.61	20.63				
3	16QAM	1	0	20.49	20.83	20.58				
3	16QAM	1	8	20.54	20.75	20.71	22	0		
3	16QAM	1	14	20.54	20.68	20.62				
3	16QAM	8	0	20.60	20.74	20.74				
3	16QAM	8	7	20.55	20.71	20.65				
3	16QAM	8	7	20.50	20.66	20.57	22	0		
3	16QAM	15	0	20.49	20.75	20.65				
3	64QAM	1	24	20.49	20.80	20.70				
3	64QAM	1	8	20.58	20.72	20.69				
3	64QAM	1	14	20.45	20.67	20.72	22	0		
3	64QAM	8	0	20.43	20.63	20.49				
3	64QAM	8	4	20.46	20.66	20.50				
3	64QAM	8	7	20.47	20.72	20.49				
3	64QAM	15	0	20.52	20.55	20.55	22	0		
Channel				1997	2000	2000			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1725	1725				
1.4	QPSK	1	0	20.63	20.72	20.64			22	0
1.4	QPSK	1	3	20.69	20.96	20.84				
1.4	QPSK	1	6	20.58	20.80	20.67				
1.4	QPSK	3	0	20.59	20.74	20.64				
1.4	QPSK	3	1	20.44	20.71	20.66	22	0		
1.4	QPSK	3	61	20.63	20.67	20.63				
1.4	QPSK	6	0	20.48	20.62	20.72				
1.4	16QAM	1	0	20.53	20.74	20.60				
1.4	16QAM	1	3	20.60	20.84	20.63	22	0		
1.4	16QAM	1	5	20.82	20.71	20.60				
1.4	16QAM	3	0	20.56	20.68	20.74				
1.4	16QAM	3	20	20.52	20.69	20.75				
1.4	16QAM	3	3	20.52	20.69	20.55	22	0		
1.4	16QAM	6	0	20.52	20.74	20.61				
1.4	64QAM	1	24	20.45	20.81	20.67				
1.4	64QAM	1	3	20.53	20.75	20.70				
1.4	64QAM	1	5	20.48	20.65	20.66	22	0		
1.4	64QAM	3	0	20.43	20.50	20.46				
1.4	64QAM	3	1	20.46	20.60	20.51				
1.4	64QAM	3	3	20.55	20.76	20.53				
1.4	64QAM	6	0	20.53	20.81	20.53	22	0		

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				20400	20525	20600		
10	QPSK	1	0	23.68	23.70	23.72	25	0
10	QPSK	1	25	23.81	23.86	23.83		
10	QPSK	1	49	23.69	23.68	23.72	24	1
10	QPSK	25	0	22.89	22.95	22.92		
10	QPSK	25	12	22.82	22.82	22.80	24	1
10	QPSK	25	25	22.87	22.71	22.86		
10	QPSK	50	0	22.89	22.91	22.90	24	1
10	16QAM	1	0	22.95	22.99	22.97		
10	16QAM	1	25	23.10	23.11	23.14	24	1
10	16QAM	1	49	22.98	22.98	22.85		
10	16QAM	25	0	21.88	21.72	21.90	23	2
10	16QAM	25	12	21.85	21.78	21.87		
10	16QAM	25	25	21.88	21.73	21.84	23	2
10	16QAM	50	0	21.87	21.73	21.90		
10	64QAM	1	0	21.88	21.88	21.95	23	2
10	64QAM	1	25	22.04	21.97	22.07		
10	64QAM	1	49	21.83	21.86	21.78	22	3
10	64QAM	25	0	20.94	20.80	20.97		
10	64QAM	25	12	20.90	20.89	20.93	22	3
10	64QAM	25	25	20.94	20.78	20.94		
10	64QAM	50	0	20.93	20.80	20.94		
Channel				20405	20525	20605	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.58	23.57	23.59	25	0
5	QPSK	1	12	23.62	23.65	23.65		
5	QPSK	1	24	23.63	23.55	23.56	24	1
5	QPSK	12	0	22.74	22.68	22.68		
5	QPSK	12	7	22.76	22.73	22.77	24	1
5	QPSK	12	13	22.73	22.67	22.68		
5	QPSK	25	0	22.74	22.68	22.71	24	1
5	16QAM	1	0	22.72	22.80	22.84		
5	16QAM	1	12	23.08	23.02	23.05	24	1
5	16QAM	1	24	22.84	22.78	22.72		
5	16QAM	12	0	21.71	21.65	21.67	23	2
5	16QAM	12	7	21.77	21.73	21.74		
5	16QAM	12	13	21.71	21.61	21.63	23	2
5	16QAM	25	0	21.73	21.66	21.68		
5	64QAM	1	0	21.70	21.71	21.74	23	2
5	64QAM	1	12	22.02	22.01	21.96		
5	64QAM	1	24	21.75	21.71	21.65	22	3
5	64QAM	12	0	20.79	20.77	20.75		
5	64QAM	12	7	20.86	20.84	20.84	22	3
5	64QAM	12	13	20.75	20.73	20.75		
5	64QAM	25	0	20.78	20.72	20.74		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.79	23.79	23.80	25	0
3	QPSK	1	8	23.81	23.77	23.77		
3	QPSK	1	14	23.84	23.71	23.77	24	1
3	QPSK	8	0	22.83	22.81	22.78		
3	QPSK	8	4	22.86	22.83	22.86	24	1
3	QPSK	8	7	22.82	22.80	22.82		
3	QPSK	15	0	22.82	22.81	22.85	24	1
3	QPSK	1	0	23.02	22.99	23.07		
3	16QAM	1	8	23.03	23.05	22.97	24	1
3	16QAM	1	14	23.04	23.01	23.02		
3	16QAM	8	0	21.87	21.82	21.86	23	2
3	16QAM	8	4	21.91	21.86	21.85		
3	16QAM	8	7	21.88	21.84	21.82	23	2
3	16QAM	15	0	21.79	21.77	21.81		
3	64QAM	1	0	22.00	21.93	21.86	23	2
3	64QAM	1	8	22.02	21.94	21.90		
3	64QAM	1	14	21.84	21.89	21.88	22	3
3	64QAM	8	0	20.96	20.90	20.92		
3	64QAM	8	4	20.99	20.92	20.97	22	3
3	64QAM	8	7	20.94	20.90	20.87		
3	64QAM	15	0	20.85	20.83	20.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.75	23.72	23.73	25	0
1.4	QPSK	1	3	23.84	23.85	23.83		
1.4	QPSK	1	5	23.77	23.70	23.71	24	1
1.4	QPSK	3	0	23.83	23.83	23.83		
1.4	QPSK	3	1	23.85	23.81	23.83	24	1
1.4	QPSK	3	3	23.79	23.83	23.80		
1.4	QPSK	6	0	22.85	22.80	22.86	24	1
1.4	16QAM	1	0	22.99	22.99	22.85		
1.4	16QAM	1	3	23.04	23.10	23.07	24	1
1.4	16QAM	1	5	22.98	22.98	22.90		
1.4	16QAM	3	0	22.78	22.82	22.75	24	1
1.4	16QAM	3	1	22.81	22.84	22.84		
1.4	16QAM	3	3	22.75	22.78	22.73	23	2
1.4	16QAM	6	0	21.80	21.88	21.91		
1.4	64QAM	1	0	21.92	21.78	21.87	23	2
1.4	64QAM	1	3	22.01	22.00	21.98		
1.4	64QAM	1	5	21.92	21.88	21.82	23	2
1.4	64QAM	3	0	21.93	21.90	21.87		
1.4	64QAM	3	1	21.96	21.98	21.98	22	3
1.4	64QAM	3	3	21.94	21.91	21.88		
1.4	64QAM	6	0	20.85	20.89	20.87		

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23060	Power Middle Ch. / Freq. 23066	Power High Ch. / Freq. 23150	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								
10	QPSK	1	0	23.95	23.91	23.94	25	0
10	QPSK	1	25	24.13	24.17	24.14		
10	QPSK	1	49	24.04	23.98	23.98		
10	QPSK	25	0	23.21	23.25	23.20	24	1
10	QPSK	25	12	23.16	23.17	23.16		
10	QPSK	25	25	23.17	23.20	23.13		
10	QPSK	50	0	23.17	23.20	23.12	24	1
10	16QAM	1	0	23.23	23.19	23.26		
10	16QAM	1	25	23.44	23.41	23.32		
10	16QAM	1	49	23.38	23.27	23.27	23	2
10	16QAM	25	0	22.12	22.11	22.06		
10	16QAM	25	12	22.16	22.17	22.13		
10	16QAM	25	25	22.19	22.19	22.12	23	2
10	16QAM	50	0	22.17	22.15	22.08		
10	64QAM	1	0	22.08	22.10	22.16		
10	64QAM	1	25	22.36	22.33	22.37	23	2
10	64QAM	1	49	22.21	22.28	22.21		
10	64QAM	25	0	21.18	21.09	21.09		
10	64QAM	25	12	21.15	21.17	21.15	22	3
10	64QAM	25	25	21.22	21.20	21.11		
10	64QAM	50	0	21.17	21.15	21.11		
Channel Frequency (MHz)								
5	QPSK	1	0	23.95	23.91	23.94	25	0
5	QPSK	1	12	24.13	24.13	24.12		
5	QPSK	1	24	23.84	23.82	23.84		
5	QPSK	12	0	23.03	23.04	23.04	24	1
5	QPSK	12	7	23.13	23.08	23.08		
5	QPSK	12	13	23.03	23.07	23.03		
5	QPSK	25	0	23.02	23.06	23.03	24	1
5	16QAM	1	0	23.06	23.11	23.06		
5	16QAM	1	12	23.39	23.40	23.32		
5	16QAM	1	24	23.18	23.18	23.12	23	2
5	16QAM	12	0	22.01	22.00	22.00		
5	16QAM	12	7	22.06	22.06	22.08		
5	16QAM	12	13	22.02	22.05	21.98	23	2
5	16QAM	25	0	22.05	22.04	22.01		
5	64QAM	1	0	21.96	22.05	22.02		
5	64QAM	1	12	22.35	22.39	22.28	23	2
5	64QAM	1	24	22.05	22.06	22.03		
5	64QAM	12	0	21.03	21.04	21.06		
5	64QAM	12	7	21.11	21.12	21.13	22	3
5	64QAM	12	13	21.05	21.06	21.03		
5	64QAM	25	0	21.01	21.03	21.00		
Channel Frequency (MHz)								
3	QPSK	1	0	24.05	24.04	24.04	25	0
3	QPSK	1	8	24.05	24.04	24.02		
3	QPSK	1	14	24.06	24.06	24.03		
3	QPSK	8	0	23.18	23.18	23.18	24	1
3	QPSK	8	4	23.17	23.17	23.20		
3	QPSK	8	7	23.19	23.14	23.17		
3	QPSK	15	0	23.18	23.18	23.18	24	1
3	16QAM	1	0	23.38	23.34	23.34		
3	16QAM	1	8	23.36	23.39	23.25		
3	16QAM	8	0	23.39	23.34	23.32	23	2
3	16QAM	8	4	22.23	22.24	22.24		
3	16QAM	8	7	22.19	22.18	22.17		
3	16QAM	15	0	22.18	22.15	22.16	23	2
3	64QAM	1	0	22.24	22.32	22.19		
3	64QAM	1	8	22.29	22.29	22.28		
3	64QAM	1	14	22.29	22.25	22.30	23	2
3	64QAM	8	0	21.17	21.17	21.18		
3	64QAM	8	4	21.22	21.22	21.20		
3	64QAM	8	7	21.21	21.20	21.15	22	3
3	64QAM	15	0	21.16	21.17	21.11		
3	64QAM	15	0	21.07	21.07	21.07		
Channel Frequency (MHz)								
1.4	QPSK	1	0	23.62	23.60	23.60	25	0
1.4	QPSK	1	3	24.08	24.03	24.03		
1.4	QPSK	1	5	23.94	23.90	23.92		
1.4	QPSK	3	0	24.03	23.99	24.00	24	1
1.4	QPSK	3	3	24.07	24.01	24.08		
1.4	QPSK	3	3	24.05	23.98	24.02		
1.4	QPSK	6	0	23.07	23.11	23.09	24	1
1.4	16QAM	1	0	23.24	23.18	23.26		
1.4	16QAM	1	3	23.32	23.38	23.31		
1.4	16QAM	1	5	23.26	23.20	23.17	24	1
1.4	16QAM	3	0	23.04	23.04	22.99		
1.4	16QAM	3	1	23.08	23.08	23.06		
1.4	16QAM	3	3	23.06	23.01	23.03	23	2
1.4	16QAM	6	0	22.12	22.15	22.16		
1.4	64QAM	1	0	22.18	22.04	22.12		
1.4	64QAM	1	3	22.23	22.30	22.31	23	2
1.4	64QAM	1	5	22.13	22.17	22.11		
1.4	64QAM	3	0	22.15	22.14	22.14		
1.4	64QAM	3	1	22.22	22.21	22.25	22	3
1.4	64QAM	3	3	22.19	22.18	22.17		
1.4	64QAM	6	0	21.07	21.07	21.05		

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)			25	0
				23200				
10	QPSK	1	0		23.83		24	1
10	QPSK	1	25		24.06			
10	QPSK	1	49		23.79		24	1
10	QPSK	25	0		22.99			
10	QPSK	25	12		22.93		24	1
10	QPSK	25	25		22.96			
10	QPSK	50	0		22.98		24	1
10	16QAM	1	0		23.00			
10	16QAM	1	25		23.21		24	1
10	16QAM	1	49		23.08			
10	16QAM	25	0		21.93		23	2
10	16QAM	25	12		22.03			
10	16QAM	25	25		22.06		23	2
10	16QAM	50	0		22.02			
10	64QAM	1	0		21.98		23	2
10	64QAM	1	25		22.23			
10	64QAM	1	49		22.03		23	2
10	64QAM	25	0		20.93			
10	64QAM	25	12		21.00		22	3
10	64QAM	25	25		21.03			
10	64QAM	50	0		21.00			
Channel				Frequency (MHz)			25	0
				23205				
5	QPSK	1	0	23.75	23205	23.74	25	0
5	QPSK	1	12	24.03	24.04	24.01		
5	QPSK	1	24	23.79	23.76	23.72	24	1
5	QPSK	12	0	22.83	22.87	22.86		
5	QPSK	12	7	22.85	22.95	22.92	24	1
5	QPSK	12	13	22.90	22.97	22.86		
5	QPSK	25	0	22.90	22.92	22.83	24	1
5	16QAM	1	0	22.92	23.01	23.03		
5	16QAM	1	12	23.27	23.20	23.31	24	1
5	16QAM	1	24	23.06	23.01	23.02		
5	16QAM	12	0	21.87	21.93	21.91	23	2
5	16QAM	12	7	22.01	22.02	21.99		
5	16QAM	12	13	21.94	22.01	21.93	23	2
5	16QAM	25	0	21.92	22.02	21.92		
5	64QAM	1	0	21.94	22.01	21.97	23	2
5	64QAM	1	12	22.25	22.26	22.28		
5	64QAM	1	24	22.02	21.97	21.94	22	3
5	64QAM	12	0	20.93	20.97	20.94		
5	64QAM	12	7	21.05	21.03	21.02	22	3
5	64QAM	12	13	20.99	21.04	20.95		
5	64QAM	25	0	20.94	21.02	20.90	22	3
5	64QAM	25	0	20.94	21.02	20.90		

Band 25_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				26140	26340	26590		
20	QPSK	1	0	21.63	21.63	21.70	22.5	0
20	QPSK	1	49	21.59	21.62	21.62		
20	QPSK	1	99	21.70	21.73	21.70		
20	QPSK	50	0	21.67	21.67	21.72		
20	QPSK	50	24	21.70	21.72	21.77	22.5	0
20	QPSK	50	50	21.75	21.64	21.67		
20	QPSK	100	0	21.76	21.82	21.78		
20	16QAM	1	0	21.81	21.80	21.85		
20	16QAM	1	49	21.58	21.58	21.58	22.5	0
20	16QAM	1	99	21.80	21.83	21.80		
20	16QAM	50	0	21.63	21.54	21.51		
20	16QAM	50	24	21.85	21.79	21.84		
20	16QAM	50	50	21.83	21.82	21.82	22.5	0
20	16QAM	100	0	21.83	21.80	21.79		
20	64QAM	1	0	21.76	21.86	21.79		
20	64QAM	1	49	21.76	21.76	21.78		
20	64QAM	1	99	21.54	21.55	21.48	22.5	0
20	64QAM	50	0	21.82	21.83	21.83		
20	64QAM	50	24	21.87	21.82	21.84		
20	64QAM	50	50	21.76	21.75	21.81		
20	64QAM	100	0	21.81	21.78	21.84	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				26115	26340	26615		
15	QPSK	1	0	21.67	21.61	21.67	22.5	0
15	QPSK	1	37	21.80	21.73	21.79		
15	QPSK	1	74	21.73	21.76	21.69		
15	QPSK	36	0	21.53	21.57	21.53		
15	QPSK	36	30	21.72	21.71	21.73	22.5	0
15	QPSK	36	99	21.65	21.68	21.68		
15	QPSK	75	0	21.84	21.83	21.78		
15	16QAM	1	0	21.81	21.90	21.84		
15	16QAM	1	37	21.58	21.55	21.52	22.5	0
15	16QAM	1	74	21.85	21.82	21.77		
15	16QAM	36	0	21.54	21.63	21.61		
15	16QAM	36	30	21.81	21.87	21.88		
15	16QAM	36	99	21.81	21.77	21.76	22.5	0
15	16QAM	75	0	21.81	21.73	21.74		
15	64QAM	1	0	21.76	21.77	21.81		
15	64QAM	1	37	21.87	21.76	21.75		
15	64QAM	1	74	21.53	21.43	21.42	22.5	0
15	64QAM	36	0	21.86	21.83	21.87		
15	64QAM	36	30	21.89	21.84	21.86		
15	64QAM	36	99	21.72	21.74	21.76		
15	64QAM	75	0	21.88	21.81	21.88	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				26090	26340	26640		
10	QPSK	1	0	21.65	21.68	21.67	22.5	0
10	QPSK	1	25	21.73	21.74	21.78		
10	QPSK	1	49	21.78	21.75	21.77		
10	QPSK	25	0	21.53	21.58	21.53		
10	QPSK	25	12	21.73	21.68	21.70	22.5	0
10	QPSK	25	25	21.75	21.63	21.75		
10	QPSK	50	0	21.77	21.74	21.72		
10	16QAM	1	0	21.81	21.80	21.81		
10	16QAM	1	25	21.59	21.49	21.61	22.5	0
10	16QAM	1	49	21.75	21.85	21.84		
10	16QAM	25	0	21.51	21.59	21.59		
10	16QAM	25	12	21.85	21.80	21.80		
10	16QAM	25	25	21.77	21.76	21.76	22.5	0
10	16QAM	50	0	21.82	21.84	21.77		
10	16QAM	50	12	21.88	21.81	21.76		
10	64QAM	1	0	21.88	21.76	21.79		
10	64QAM	1	25	21.80	21.76	21.79	22.5	0
10	64QAM	1	49	21.55	21.53	21.48		
10	64QAM	25	0	21.88	21.87	21.81		
10	64QAM	25	12	21.84	21.87	21.87		
10	64QAM	25	25	21.80	21.79	21.78	Tune-up limit (dBm)	MPR (dB)
10	64QAM	50	0	21.89	21.88	21.84		
Channel								
Frequency (MHz)				26065	26340	26655		
5	QPSK	1	0	21.72	21.64	21.65	22.5	0
5	QPSK	1	12	21.72	21.75	21.77		
5	QPSK	1	24	21.72	21.71	21.73		
5	QPSK	12	0	21.60	21.54	21.53		
5	QPSK	12	7	21.71	21.68	21.70	22.5	0
5	QPSK	12	13	21.73	21.66	21.73		
5	QPSK	25	0	21.74	21.72	21.73		
5	16QAM	1	0	21.81	21.82	21.80		
5	16QAM	1	12	21.51	21.55	21.49	22.5	0
5	16QAM	1	24	21.84	21.87	21.80		
5	16QAM	12	0	21.51	21.63	21.59		
5	16QAM	12	7	21.86	21.85	21.87		
5	16QAM	12	13	21.80	21.79	21.78	22.5	0
5	16QAM	25	0	21.77	21.79	21.76		
5	16QAM	25	12	21.85	21.76	21.80		
5	16QAM	25	25	21.81	21.79	21.80		
5	64QAM	1	12	21.83	21.86	21.87	22.5	0
5	64QAM	1	24	21.49	21.56	21.43		
5	64QAM	12	0	21.81	21.79	21.80		
5	64QAM	12	7	21.87	21.78	21.83		
5	64QAM	12	13	21.77	21.78	21.72	Tune-up limit (dBm)	MPR (dB)
5	64QAM	25	0	21.87	21.81	21.81		
Channel								
Frequency (MHz)				26055	26340	26675		
3	QPSK	1	0	21.63	21.65	21.65	22.5	0
3	QPSK	1	8	21.78	21.81	21.81		
3	QPSK	1	14	21.73	21.72	21.73		
3	QPSK	8	0	21.57	21.61	21.58		
3	QPSK	8	4	21.71	21.79	21.72	22.5	0
3	QPSK	8	8	21.67	21.71	21.71		
3	QPSK	15	0	21.73	21.76	21.83		
3	16QAM	1	0	21.84	21.80	21.80		
3	16QAM	1	8	21.58	21.69	21.51	22.5	0
3	16QAM	1	14	21.76	21.83	21.86		
3	16QAM	8	0	21.59	21.51	21.63		
3	16QAM	8	4	21.79	21.80	21.79		
3	16QAM	8	7	21.81	21.82	21.82	22.5	0
3	16QAM	15	0	21.77	21.73	21.81		
3	64QAM	1	0	21.76	21.77	21.87		
3	64QAM	1	8	21.77	21.84	21.74		
3	64QAM	1	14	21.50	21.42	21.44	22.5	0
3	64QAM	8	0	21.85	21.89	21.82		
3	64QAM	8	7	21.81	21.89	21.90		
3	64QAM	8	4	21.81	21.89	21.90		
3	64QAM	8	7	21.75	21.77	21.72	Tune-up limit (dBm)	MPR (dB)
3	64QAM	15	0	21.81	21.86	21.88		
Channel								
Frequency (MHz)				26047	26340	26683		
1.4	QPSK	1	0	21.63	21.67	21.65	22.5	0
1.4	QPSK	1	3	21.83	21.80	21.77		
1.4	QPSK	1	7	21.77	21.81	21.81		
1.4	QPSK	3	0	21.60	21.60	21.52		
1.4	QPSK	3	1	21.70	21.77	21.72	22.5	0
1.4	QPSK	3	3	21.71	21.72	21.75		
1.4	QPSK	6	0	21.84	21.78	21.77		
1.4	16QAM	1	0	21.81	21.87	21.89		
1.4	16QAM	1	3	21.53	21.55	21.50	22.5	0
1.4	16QAM	1	5	21.82	21.84	21.82		
1.4	16QAM	3	0	21.51	21.51	21.54		
1.4	16QAM	3	1	21.76	21.86	21.85		
1.4	16QAM	3	3	21.80	21.76	21.80	22.5	0
1.4	16QAM	6	0	21.81	21.85	21.81		
1.4	64QAM	1	3	21.78	21.75	21.86		
1.4	64QAM	1	5	21.47	21.46	21.45		
1.4	64QAM	3	1	21.87	21.89	21.80	22.5	0
1.4	64QAM	3	3	21.82	21.85	21.87		
1.4	64QAM	3	1	21.78	21.74	21.76		
1.4	64QAM	6	0	21.85	21.86	21.88		
1.4	64QAM	6	0	21.85	21.86	21.88	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				26047	26340	26683		

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)				26765	26865	26965		
15	QPSK	1	0	23.80	23.79	23.80	25	0
15	QPSK	1	37	24.07	24.13	24.00		
15	QPSK	1	74	23.82	23.77	23.79		
15	QPSK	36	0	22.98	23.00	22.97	24	1
15	QPSK	36	20	22.94	22.95	22.93		
15	QPSK	36	39	22.88	22.96	22.91		
15	QPSK	75	0	22.90	23.01	22.89	24	1
15	16QAM	1	0	23.05	23.01	23.09		
15	16QAM	1	37	23.32	23.25	23.30		
15	16QAM	1	74	23.16	22.99	23.00	23	2
15	16QAM	36	0	21.87	21.89	21.95		
15	16QAM	36	20	21.95	21.95	21.98		
15	16QAM	36	39	21.85	21.95	21.95	23	2
15	16QAM	75	0	21.88	21.92	21.98		
15	64QAM	1	0	21.98	21.89	21.96		
15	64QAM	1	37	22.16	22.22	22.16	23	2
15	64QAM	1	74	22.01	22.00	21.91		
15	64QAM	36	0	20.95	21.00	21.01		
15	64QAM	36	20	21.02	21.04	21.05	22	3
15	64QAM	36	39	20.92	21.03	21.04		
15	64QAM	75	0	20.96	21.01	21.07		
Channel Frequency (MHz)				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	23.85	23.89	23.89	25	0
10	QPSK	1	25	24.01	24.03	24.06		
10	QPSK	1	49	23.94	23.83	23.86		
10	QPSK	25	0	22.92	22.95	23.13	24	1
10	QPSK	25	12	22.87	22.99	23.01		
10	QPSK	25	25	22.93	23.08	23.03		
10	QPSK	50	0	22.95	22.98	23.05	24	1
10	16QAM	1	0	23.14	23.10	23.09		
10	16QAM	1	25	23.25	23.29	23.30		
10	16QAM	1	49	23.18	23.07	23.08	23	2
10	16QAM	25	0	21.91	21.92	22.11		
10	16QAM	25	12	21.95	22.00	22.00		
10	16QAM	25	25	21.90	22.08	22.07	23	2
10	16QAM	50	0	21.93	21.99	22.04		
10	64QAM	1	0	21.99	22.02	22.04		
10	64QAM	1	25	22.16	22.25	22.21	23	2
10	64QAM	1	49	22.06	22.08	21.97		
10	64QAM	25	0	20.97	21.00	21.16		
10	64QAM	25	12	21.04	21.07	21.07	22	3
10	64QAM	25	25	20.98	21.08	21.08		
10	64QAM	50	0	21.00	21.05	21.14		
Channel Frequency (MHz)				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	23.80	23.85	23.83	25	0
5	QPSK	1	12	24.10	24.00	24.07		
5	QPSK	1	24	23.85	23.75	23.77		
5	QPSK	12	0	22.90	22.92	22.89	24	1
5	QPSK	12	7	23.01	23.01	23.01		
5	QPSK	12	13	22.96	23.00	22.93		
5	QPSK	25	0	22.97	22.97	22.95	24	1
5	16QAM	1	0	23.05	23.06	23.07		
5	16QAM	1	13	23.39	23.40	23.33		
5	16QAM	1	24	23.07	23.10	22.93	23	2
5	16QAM	12	0	21.90	21.89	21.89		
5	16QAM	12	7	21.97	22.04	21.98		
5	16QAM	12	13	21.97	21.97	21.98	23	2
5	16QAM	25	0	21.96	22.00	21.95		
5	64QAM	1	0	21.94	21.97	21.96		
5	64QAM	1	12	22.25	22.23	22.23	23	2
5	64QAM	1	24	22.00	21.99	21.87		
5	64QAM	12	0	21.01	20.99	21.00		
5	64QAM	12	7	21.09	21.11	21.08	22	3
5	64QAM	12	13	21.02	21.06	21.01		
5	64QAM	25	0	21.03	21.02	21.02		
Channel Frequency (MHz)				26795	26865	27025	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	23.91	23.92	23.91	25	0
3	QPSK	1	8	23.95	23.92	23.93		
3	QPSK	1	14	23.89	23.92	23.88		
3	QPSK	8	0	22.91	22.93	22.95	24	1
3	QPSK	8	4	22.93	22.99	22.97		
3	QPSK	8	7	22.95	22.97	22.91		
3	QPSK	15	0	22.91	22.97	22.92	24	1
3	16QAM	1	0	23.11	23.14	23.16		
3	16QAM	1	8	23.20	23.14	23.14		
3	16QAM	1	14	23.19	23.18	23.11	23	2
3	16QAM	8	0	21.98	21.98	22.00		
3	16QAM	8	4	21.97	22.03	21.99		
3	16QAM	8	7	22.03	22.02	21.95	23	2
3	16QAM	15	0	21.91	21.96	21.95		
3	64QAM	1	0	22.05	22.02	22.10		
3	64QAM	1	8	22.06	22.14	22.06	23	2
3	64QAM	1	14	22.11	22.20	21.96		
3	64QAM	8	0	21.04	21.06	21.02		
3	64QAM	8	4	21.04	21.06	21.06	22	3
3	64QAM	8	7	21.06	21.06	21.03		
3	64QAM	15	0	21.01	21.05	20.99		
Channel Frequency (MHz)				26997	26965	27033	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	23.87	23.85	23.84	25	0
1.4	QPSK	1	3	24.03	23.96	23.95		
1.4	QPSK	1	5	23.86	23.87	23.82		
1.4	QPSK	3	0	23.94	23.96	23.89	24	1
1.4	QPSK	3	1	23.99	24.01	24.00		
1.4	QPSK	3	3	23.93	23.92	23.91		
1.4	QPSK	6	0	22.93	22.96	22.96	24	1
1.4	16QAM	1	0	23.07	23.14	23.01		
1.4	16QAM	1	3	23.22	23.15	23.13		
1.4	16QAM	1	5	23.14	23.08	23.05	24	1
1.4	16QAM	3	0	22.90	22.92	22.90		
1.4	16QAM	3	1	22.96	22.99	22.90		
1.4	16QAM	3	3	22.93	22.96	22.85	23	2
1.4	16QAM	6	0	22.90	22.08	22.02		
1.4	64QAM	1	0	22.04	22.07	22.02		
1.4	64QAM	1	3	22.17	22.10	22.04	23	2
1.4	64QAM	1	5	22.01	22.05	21.86		
1.4	64QAM	3	0	22.02	22.06	21.97		
1.4	64QAM	3	1	22.07	22.10	22.06	22	3
1.4	64QAM	3	3	22.03	22.05	21.91		
1.4	64QAM	6	0	21.02	21.03	20.99		

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.21	21.19	21.21	22.5	0
20	QPSK	1	49	21.27	21.43	21.28		
20	QPSK	1	99	21.25	21.38	21.26		
20	QPSK	50	0	21.23	21.36	21.12	22.5	0
20	QPSK	50	24	21.27	21.24	21.21		
20	QPSK	50	50	21.22	21.22	21.21		
20	QPSK	100	0	21.20	21.24	21.11	22.5	0
20	16QAM	1	0	21.11	21.13	21.10		
20	16QAM	1	49	21.18	21.14	21.19		
20	16QAM	1	99	21.33	21.35	21.31	22.5	0
20	16QAM	50	0	21.17	21.19	21.17		
20	16QAM	50	24	21.37	21.38	21.28		
20	16QAM	50	50	21.22	21.22	21.18	22.5	0
20	16QAM	100	0	21.16	21.28	21.24		
20	64QAM	1	0	21.26	21.36	21.37		
20	64QAM	1	49	21.18	21.31	21.19	22.5	0
20	64QAM	1	99	21.11	21.07	21.06		
20	64QAM	50	0	21.06	21.14	21.09		
20	64QAM	50	24	21.28	21.28	21.22	22.5	0
20	64QAM	50	50	21.13	21.17	21.11		
20	64QAM	100	0	21.11	21.26	21.13		
Channel Frequency (MHz)				13302	13302	13302	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	21.18	21.14	21.17	22.5	0
15	QPSK	1	37	21.25	21.31	21.19		
15	QPSK	1	74	21.24	21.16	21.16		
15	QPSK	36	0	21.13	21.27	21.11	22.5	0
15	QPSK	36	20	21.20	21.18	21.12	22.5	0
15	QPSK	36	36	21.15	21.15	21.16		
15	QPSK	75	0	21.15	21.19	21.10		
15	16QAM	1	0	20.99	21.08	21.00	22.5	0
15	16QAM	1	37	21.16	21.06	21.03		
15	16QAM	1	74	21.32	21.34	21.25		
15	16QAM	36	0	21.16	21.10	21.09	22.5	0
15	16QAM	36	20	21.32	21.36	21.23		
15	16QAM	36	36	21.15	21.18	21.07		
15	16QAM	75	0	21.14	21.24	21.20	22.5	0
15	16QAM	75	0	21.19	21.30	21.29		
15	64QAM	1	37	21.12	21.29	21.12		
15	64QAM	1	74	20.99	20.98	20.95	22.5	0
15	64QAM	36	0	20.96	21.03	21.00		
15	64QAM	36	20	21.03	21.09	21.01		
15	64QAM	36	36	21.02	21.07	21.01	22.5	0
15	64QAM	75	0	21.00	21.05	21.01		
Channel Frequency (MHz)				13302	13302	13302		
10	QPSK	1	0	21.09	21.08	21.17	22.5	0
10	QPSK	1	25	21.17	21.34	21.25		
10	QPSK	1	49	21.18	21.20	21.20		
10	QPSK	25	0	21.13	21.31	21.11	22.5	0
10	QPSK	25	12	21.24	21.17	21.14		
10	QPSK	25	25	21.10	21.11	21.12		
10	QPSK	50	0	21.14	21.19	21.09	22.5	0
10	16QAM	1	0	21.06	21.06	21.09		
10	16QAM	1	25	21.08	21.12	21.12		
10	16QAM	1	49	21.26	21.23	21.24	22.5	0
10	16QAM	25	0	21.06	21.10	21.07		
10	16QAM	25	12	21.33	21.34	21.31		
10	16QAM	25	25	21.21	21.20	21.07	22.5	0
10	16QAM	50	0	21.08	21.16	21.16		
10	64QAM	1	25	21.18	21.24	21.21		
10	64QAM	1	25	21.15	21.23	21.07	22.5	0
10	64QAM	1	49	21.05	20.98	20.94		
10	64QAM	25	0	20.97	21.06	21.09		
10	64QAM	25	12	21.25	21.17	21.11	22.5	0
10	64QAM	25	25	21.12	21.11	20.99		
10	64QAM	50	0	21.08	21.18	21.10		
Channel Frequency (MHz)				13199	13202	13204	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	21.15	21.17	21.27	22.5	0
5	QPSK	1	12	21.19	21.37	21.23		
5	QPSK	1	24	21.14	21.28	21.20		
5	QPSK	12	0	21.12	21.32	21.07	22.5	0
5	QPSK	12	7	21.19	21.16	21.15		
5	QPSK	12	13	21.14	21.15	21.17		
5	QPSK	25	0	21.12	21.21	21.10	22.5	0
5	16QAM	1	0	21.09	21.12	21.01		
5	16QAM	1	21	21.11	21.04	21.11		
5	16QAM	1	24	21.31	21.28	21.23	22.5	0
5	16QAM	12	0	21.08	21.13	21.14		
5	16QAM	12	7	21.32	21.31	21.18		
5	16QAM	12	13	21.15	21.13	21.08	22.5	0
5	16QAM	25	0	21.14	21.26	21.20		
5	64QAM	1	12	21.15	21.23	21.02		
5	64QAM	1	12	21.13	21.21	21.10	22.5	0
5	64QAM	1	24	21.07	20.95	20.97		
5	64QAM	12	0	21.02	21.13	21.03		
5	64QAM	12	7	21.22	21.23	21.10	22.5	0
5	64QAM	12	13	21.03	21.15	20.99		
5	64QAM	25	0	21.05	21.15	21.10		
Channel Frequency (MHz)				13187	13202	13205	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	21.15	21.15	21.17	22.5	0
3	QPSK	1	8	21.23	21.42	21.16		
3	QPSK	14	0	21.20	21.08	21.24		
3	QPSK	8	0	21.16	21.29	21.10	22.5	0
3	QPSK	8	4	21.20	21.12	21.12		
3	QPSK	8	7	21.17	21.19	21.19		
3	QPSK	15	0	21.19	21.19	21.09	22.5	0
3	16QAM	1	0	21.02	21.04	21.06		
3	16QAM	1	21	21.15	21.04	21.13		
3	16QAM	1	14	21.21	21.30	21.25	22.5	0
3	16QAM	8	0	21.12	21.13	21.06		
3	16QAM	8	4	21.35	21.37	21.17		
3	16QAM	8	7	21.19	21.17	21.15	22.5	0
3	16QAM	15	0	21.12	21.18	21.17		
3	64QAM	1	21	21.19	21.31	21.34		
3	64QAM	1	8	21.06	21.29	21.11	22.5	0
3	64QAM	1	14	21.00	21.05	21.03		
3	64QAM	8	0	21.04	21.08	21.07		
3	64QAM	8	4	21.26	21.24	21.17	22.5	0
3	64QAM	8	7	21.07	21.11	21.01		
3	64QAM	15	0	21.05	21.25	21.03		
Channel Frequency (MHz)				13197	13202	13205	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	21.15	21.15	21.17	22.5	0
1.4	QPSK	1	3	21.18	21.38	21.18		
1.4	QPSK	1	21	21.17	21.07	21.25		
1.4	QPSK	3	0	21.14	21.28	21.05	22.5	0
1.4	QPSK	3	1	21.20	21.17	21.15		
1.4	QPSK	3	21	21.12	21.12	21.11		
1.4	QPSK	6	0	21.11	21.23	21.02	22.5	0
1.4	16QAM	1	0	21.04	21.05	21.04		
1.4	16QAM	1	21	21.07	21.12	21.14		
1.4	16QAM	1	5	21.29	21.30	21.21	22.5	0
1.4	16QAM	3	0	21.05	21.15	21.10		
1.4	16QAM	3	21	21.27	21.32	21.23		
1.4	16QAM	3	3	21.12	21.15	21.09	22.5	0
1.4	16QAM	6	0	21.12	21.24	21.18		
1.4	64QAM	1	21	21.14	21.31	21.32		
1.4	64QAM	1	3	21.07	21.23	21.09	22.5	0
1.4	64QAM	1	5	20.99	21.00	21.04		
1.4	64QAM	3	0	21.00	21.03	21.01		
1.4	64QAM	3	1	21.20	21.21	21.18	22.5	0
1.4	64QAM	3	3	21.10	21.06	21.07		
1.4	64QAM	6	0	21.06	21.09	21.07		

Band 71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.77	23.89	23.71	25	0		
20	QPSK	1	49	24.03	24.10	23.93				
20	QPSK	1	99	23.77	23.80	23.63				
20	QPSK	50	0	23.24	23.30	23.19				
20	QPSK	50	24	23.17	23.28	23.12	24	1		
20	QPSK	50	50	23.14	23.16	23.09				
20	QPSK	100	0	23.08	23.22	23.07				
20	16QAM	1	0	23.14	23.20	23.01				
20	16QAM	1	49	23.13	23.25	23.24	24	1		
20	16QAM	50	99	23.00	23.15	23.13				
20	16QAM	50	0	22.16	22.22	22.06				
20	16QAM	50	24	22.15	22.28	22.28				
20	16QAM	50	50	22.12	22.18	22.01	23	2		
20	16QAM	100	0	22.22	22.23	22.09				
20	64QAM	1	0	22.04	22.06	22.01				
20	64QAM	1	49	21.96	22.11	22.05				
20	64QAM	1	99	22.00	22.02	22.02	23	2		
20	64QAM	50	0	20.98	21.10	20.95				
20	64QAM	50	24	21.17	21.01	21.01				
20	64QAM	50	50	21.03	21.05	20.95				
20	64QAM	100	0	21.12	21.12	21.06	22	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.68	23.89	23.65	25	0		
15	QPSK	1	37	24.02	23.97	23.91				
15	QPSK	1	74	23.67	23.79	23.55				
15	QPSK	36	0	23.15	23.09	23.08				
15	QPSK	36	20	23.11	23.23	23.01	24	1		
15	QPSK	36	36	22.95	22.97	23.00				
15	QPSK	75	0	23.06	23.19	22.96				
15	16QAM	1	0	23.05	23.12	22.88				
15	16QAM	1	37	22.99	23.16	23.16	24	1		
15	16QAM	1	74	22.88	22.97	23.05				
15	16QAM	36	0	22.03	22.04	21.87				
15	16QAM	36	20	22.07	22.28	22.12				
15	16QAM	36	36	21.95	22.15	22.01	23	2		
15	16QAM	75	0	22.08	22.12	22.00				
15	64QAM	1	0	21.98	22.06	21.91				
15	64QAM	1	37	21.85	21.99	21.89				
15	64QAM	1	74	21.90	21.85	21.84	23	2		
15	64QAM	36	0	20.80	21.00	20.90				
15	64QAM	36	20	21.06	21.02	20.91				
15	64QAM	36	36	20.88	20.97	20.88				
15	64QAM	75	0	21.12	20.95	20.87	22	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.72	23.73	23.67	25	0		
10	QPSK	1	25	23.90	24.05	23.79				
10	QPSK	1	49	23.63	23.76	23.52				
10	QPSK	25	0	23.16	23.15	22.95				
10	QPSK	25	12	23.21	23.16	23.01	24	1		
10	QPSK	25	25	22.97	23.02	23.07				
10	QPSK	50	0	22.99	23.20	23.03				
10	16QAM	1	0	22.96	23.14	22.94				
10	16QAM	1	25	22.96	23.12	23.24	24	1		
10	16QAM	1	49	22.98	22.99	22.98				
10	16QAM	25	0	21.98	22.03	21.89				
10	16QAM	25	12	22.00	22.24	22.14				
10	16QAM	25	25	22.01	22.12	22.00	23	2		
10	16QAM	50	0	22.15	22.11	22.02				
10	64QAM	1	0	21.94	21.97	21.87				
10	64QAM	1	25	21.96	22.11	21.93				
10	64QAM	1	49	21.89	21.96	21.85	23	2		
10	64QAM	25	0	20.90	21.00	20.85				
10	64QAM	25	12	21.15	21.16	20.91				
10	64QAM	25	25	20.95	20.86	20.82				
10	64QAM	50	0	20.95	21.06	20.89	22	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.75	23.89	23.68	25	0		
5	QPSK	1	12	23.84	24.09	23.85				
5	QPSK	1	24	23.60	23.16	23.63				
5	QPSK	12	0	23.00	23.13	23.06				
5	QPSK	12	7	23.10	23.13	23.10	24	1		
5	QPSK	12	13	23.05	22.97	23.06				
5	QPSK	25	0	23.04	23.14	22.88				
5	16QAM	1	0	23.05	23.04	22.93				
5	16QAM	1	12	23.12	23.16	23.24	24	1		
5	16QAM	1	24	22.88	23.13	23.05				
5	16QAM	12	0	21.98	22.03	21.91				
5	16QAM	12	7	22.10	22.16	22.12				
5	16QAM	12	13	22.06	21.99	21.93	23	2		
5	16QAM	25	0	22.15	22.22	22.01				
5	64QAM	1	0	22.03	21.92	21.97				
5	64QAM	1	12	21.85	21.85	22.00				
5	64QAM	1	24	21.83	21.88	21.94	23	2		
5	64QAM	12	0	20.82	20.97	20.87				
5	64QAM	12	7	21.16	21.01	20.92				
5	64QAM	12	13	20.97	20.99	20.90				
5	64QAM	25	0	21.03	20.99	21.02	22	3		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel											
Frequency (MHz)				38970	40185	40620	41055	41490			
				2506	2549.5	2593	2638.5	2680			
20	QPSK	1	0	21.96	21.99	21.95	21.87	21.93	22.5	0	
20	QPSK	1	49	21.99	22.01	22.05	21.96	21.95			
20	QPSK	1	99	21.92	21.92	21.95	21.83	21.94			
20	QPSK	50	0	21.92	21.82	21.94	21.92	21.88			
20	QPSK	50	24	21.85	21.77	21.83	21.91	21.78	22.5	0	
20	QPSK	50	50	21.85	21.76	21.81	21.83	21.83			
20	QPSK	100	0	21.76	21.84	21.87	21.83	21.78			
20	16QAM	1	0	21.79	21.71	21.82	21.74	21.79			
20	16QAM	1	49	21.80	21.80	21.83	21.70	21.70	22.5	0	
20	16QAM	1	99	21.89	21.87	21.93	21.91	21.87			
20	16QAM	50	0	21.75	21.81	21.88	21.84	21.83			
20	16QAM	50	24	21.77	21.75	21.82	21.72	21.75			
20	16QAM	50	50	21.86	21.82	21.89	21.85	21.84	22.5	0	
20	16QAM	100	0	21.84	21.87	21.89	21.88	21.85			
20	64QAM	1	0	21.72	21.79	21.85	21.80	21.70			
20	64QAM	1	49	21.87	21.79	21.90	21.87	21.89			
20	64QAM	1	99	21.78	21.76	21.81	21.72	21.66	22.5	0	
20	64QAM	50	0	21.34	21.27	21.37	21.36	21.33			
20	64QAM	50	24	21.40	21.38	21.43	21.39	21.35			
20	64QAM	50	50	21.28	21.25	21.34	21.29	21.24			
20	64QAM	100	0	21.31	21.25	21.32	21.25	21.23	22	0.5	
Channel				38925	40620	40173	40844.5	41515			
Frequency (MHz)				2505.5	2593	2645.3	2715.45	2792.5			
15	QPSK	1	0	21.88	21.87	21.82	21.81	21.85	22.5	0	
15	QPSK	1	37	22.04	22.04	22.04	21.98	21.99			
15	QPSK	1	74	21.90	21.94	21.87	21.89	21.94			
15	QPSK	36	0	21.81	21.88	21.86	21.90	21.86			
15	QPSK	36	20	21.86	21.81	21.85	21.82	21.87	22.5	0	
15	QPSK	36	39	21.74	21.75	21.74	21.79	21.75			
15	QPSK	75	0	21.76	21.79	21.81	21.81	21.85			
15	16QAM	1	0	21.78	21.79	21.78	21.69	21.71			
15	16QAM	1	37	21.80	21.73	21.79	21.73	21.79	22.5	0	
15	16QAM	1	74	21.87	21.89	21.81	21.88	21.85			
15	16QAM	36	0	21.87	21.78	21.85	21.81	21.85			
15	16QAM	36	20	21.72	21.76	21.72	21.79	21.71			
15	16QAM	36	39	21.86	21.88	21.82	21.86	21.81	22.5	0	
15	16QAM	75	0	21.76	21.84	21.87	21.81	21.85			
15	64QAM	1	0	21.75	21.82	21.75	21.82	21.75			
15	64QAM	1	37	21.86	21.87	21.76	21.77	21.89			
15	64QAM	1	74	21.73	21.70	21.80	21.66	21.79	22.5	0	
15	64QAM	36	0	21.28	21.27	21.32	21.34	21.28			
15	64QAM	36	20	21.33	21.33	21.39	21.37	21.33			
15	64QAM	36	39	21.29	21.29	21.28	21.32	21.30			
15	64QAM	75	0	21.28	21.28	21.24	21.27	21.23	22	0.5	
Channel				38970	40620	40160	40850	41540			
Frequency (MHz)				2501	2593	2647	2716	2795			
10	QPSK	1	0	21.86	21.88	21.88	21.81	21.92	22.5	0	
10	QPSK	1	25	21.95	21.98	22.02	22.01	22.01			
10	QPSK	1	49	21.93	21.95	21.86	21.9	21.9			
10	QPSK	25	0	21.88	21.89	21.92	21.83	21.81			
10	QPSK	25	12	21.8	21.87	21.79	21.85	21.89	22.5	0	
10	QPSK	25	25	21.72	21.82	21.76	21.83	21.81			
10	QPSK	50	0	21.83	21.86	21.85	21.8	21.8			
10	16QAM	1	0	21.71	21.69	21.69	21.75	21.79			
10	16QAM	1	25	21.74	21.7	21.8	21.73	21.79	22.5	0	
10	16QAM	1	49	21.85	21.9	21.86	21.86	21.87			
10	16QAM	25	0	21.75	21.85	21.83	21.84	21.79			
10	16QAM	25	12	21.69	21.75	21.7	21.71	21.71			
10	16QAM	25	25	21.8	21.88	21.79	21.84	21.8	22.5	0	
10	16QAM	50	0	21.86	21.87	21.81	21.77	21.8			
10	16QAM	1	0	21.7	21.74	21.7	21.75	21.81			
10	16QAM	1	25	21.82	21.77	21.76	21.8	21.82			
10	64QAM	1	49	21.8	21.67	21.75	21.79	21.8	22	0.5	
10	64QAM	25	0	21.3	21.36	21.32	21.28	21.31			
10	64QAM	25	12	21.4	21.4	21.35	21.37	21.34			
10	64QAM	25	25	21.33	21.28	21.3	21.27	21.29			
10	64QAM	50	0	21.29	21.3	21.24	21.22	21.23			
Channel				38975	40620	40148	40957	41565			
Frequency (MHz)				2493.5	2593	2645.3	2716.70	2797.5			
5	QPSK	1	0	21.91	21.85	21.82	21.86	21.85	22.5	0	
5	QPSK	1	12	21.99	21.98	22.01	21.99	21.95			
5	QPSK	1	24	21.87	21.87	21.92	21.89	21.86			
5	QPSK	12	0	21.87	21.88	21.87	21.87	21.82			
5	QPSK	12	7	21.82	21.84	21.89	21.89	21.85	22.5	0	
5	QPSK	12	13	21.72	21.72	21.76	21.84	21.77			
5	QPSK	25	0	21.84	21.81	21.77	21.84	21.81			
5	16QAM	1	0	21.72	21.77	21.75	21.81	21.89			
5	16QAM	1	12	21.74	21.76	21.74	21.74	21.82	22.5	0	
5	16QAM	1	24	21.81	21.83	21.85	21.91	21.8			
5	16QAM	12	0	21.77	21.79	21.75	21.76	21.86			
5	16QAM	12	7	21.81	21.8	21.72	21.72	21.78			
5	16QAM	12	13	21.85	21.85	21.87	21.87	21.87	22.5	0	
5	16QAM	25	0	21.87	21.88	21.81	21.88	21.81			
5	64QAM	1	0	21.73	21.76	21.7	21.84	21.76			
5	64QAM	1	12	21.84	21.8	21.77	21.84	21.79			
5	64QAM	1	24	21.7	21.77	21.72	21.78	21.8	22.5	0.5	
5	64QAM	12	0	21.36	21.28	21.27	21.33	21.3			
5	64QAM	12	7	21.34	21.39	21.42	21.33	21.33			
5	64QAM	12	13	21.24	21.26	21.29	21.28	21.24			
5	64QAM	25	0	21.31	21.26	21.3	21.22	21.3			

Band 41 Ant 0 (HPUE)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)				39750	40185	40590	41005	41490				
				2506	2569.5	2593	2636.5	2680				
20	QPSK	1	0	24.64	24.55	24.75	24.59	24.58	25.5	0		
20	QPSK	1	49	24.7	24.68	24.78	24.67	24.71				
20	QPSK	1	99	24.65	24.64	24.72	24.63	24.67				
20	QPSK	50	0	24.6	24.69	24.71	24.62	24.68				
20	QPSK	50	24	24.47	24.57	24.67	24.59	24.67	25.5	0		
20	QPSK	50	50	24.53	24.66	24.69	24.54	24.56				
20	QPSK	100	0	24.58	24.56	24.62	24.55	24.56				
20	16QAM	1	0	24.63	24.63	24.69	24.61	24.64				
20	16QAM	1	49	24.54	24.48	24.58	24.49	24.51	25.5	0		
20	16QAM	1	99	24.67	24.5	24.67	24.64	24.55				
20	16QAM	50	0	24.6	24.57	24.67	24.64	24.58				
20	16QAM	50	24	24.5	24.61	24.63	24.59	24.56				
20	16QAM	50	50	24.5	24.53	24.6	24.57	24.57	25.5	0		
20	16QAM	100	0	24.61	24.65	24.67	24.6	24.6				
20	64QAM	1	0	24.47	24.58	24.61	24.56	24.6				
20	64QAM	1	49	24.51	24.59	24.7	24.5	24.68				
20	64QAM	1	99	24.52	24.53	24.66	24.53	24.53	25.5	0		
20	64QAM	50	0	24.15	24.13	24.18	24.14	24.09				
20	64QAM	50	24	24.04	24.05	24.13	24.03	24.06				
20	64QAM	50	50	24.1	24.07	24.12	24.02	24.07				
20	64QAM	100	0	24.04	24.11	24.14	24.03	24.07				
Channel												
Frequency (MHz)				39725	40020	40174	40442.5	41518	Tune-up limit (dBm)	MPR (dB)		
				2593.5	2593	2543.5	2613.5	2682.5				
15	QPSK	1	0	24.63	24.58	24.82	24.63	24.61	25.5	0		
15	QPSK	1	37	24.72	24.77	24.70	24.76	24.69				
15	QPSK	1	75	24.67	24.77	24.75	24.74	24.66				
15	QPSK	36	0	24.59	24.63	24.63	24.58	24.59				
15	QPSK	36	20	24.63	24.59	24.54	24.54	24.56	25.5	0		
15	QPSK	36	39	24.49	24.48	24.47	24.51	24.51				
15	QPSK	75	75	24.51	24.51	24.51	24.53	24.54				
15	16QAM	1	0	24.63	24.60	24.59	24.56	24.55				
15	16QAM	1	37	24.49	24.52	24.51	24.48	24.48	25.5	0		
15	16QAM	1	74	24.55	24.49	24.50	24.58	24.59				
15	16QAM	36	0	24.59	24.65	24.58	24.60	24.59				
15	16QAM	36	20	24.50	24.61	24.51	24.51	24.53				
15	16QAM	36	39	24.51	24.48	24.57	24.52	24.53	25.5	0		
15	16QAM	75	75	24.60	24.65	24.63	24.65	24.58				
15	64QAM	1	0	24.47	24.49	24.54	24.50	24.56				
15	64QAM	1	37	24.56	24.55	24.59	24.57	24.56				
15	64QAM	1	74	24.62	24.62	24.63	24.61	24.56	25.5	0		
15	64QAM	36	0	24.76	24.75	24.77	24.77	24.71				
15	64QAM	36	20	24.09	24.08	24.03	24.11	24.08				
15	64QAM	36	39	24.09	24.08	24.03	24.08	24.04				
15	64QAM	75	0	24.30	24.13	24.10	24.05	24.05	25	0.5		
Channel												
Frequency (MHz)				39700	40620	40160	40850	41400			Tune-up limit (dBm)	MPR (dB)
				2591	2593	2547	2616	2683				
10	QPSK	1	0	24.57	24.64	24.64	24.65	24.57	25.5	0		
10	QPSK	1	25	24.67	24.68	24.64	24.77	24.66				
10	QPSK	1	49	24.68	24.65	24.68	24.73	24.71				
10	QPSK	25	0	24.64	24.68	24.69	24.68	24.67				
10	QPSK	25	0	24.6	24.52	24.56	24.61	24.53	25.5	0		
10	QPSK	25	25	24.57	24.57	24.54	24.52	24.53				
10	QPSK	50	0	24.57	24.6	24.61	24.54	24.55				
10	16QAM	1	0	24.62	24.66	24.67	24.58	24.59				
10	16QAM	1	25	24.5	24.47	24.56	24.48	24.5	25.5	0		
10	16QAM	1	49	24.57	24.53	24.58	24.52	24.51				
10	16QAM	25	0	24.57	24.54	24.56	24.59	24.56				
10	16QAM	25	12	24.56	24.55	24.54	24.55	24.62				
10	16QAM	25	25	24.59	24.52	24.52	24.54	24.52	25.5	0		
10	16QAM	50	0	24.62	24.66	24.59	24.56	24.57				
10	16QAM	50	0	24.59	24.5	24.57	24.48	24.48				
10	64QAM	1	25	24.67	24.63	24.61	24.56	24.59				
10	64QAM	1	49	24.64	24.59	24.6	24.6	24.51	25	0.5		
10	64QAM	25	0	24.15	24.09	24.17	24.13	24.11				
10	64QAM	25	12	24.09	24.08	24.12	24.11	24.12				
10	64QAM	25	25	24.08	24.02	24.06	24.06	24.01				
10	64QAM	50	0	24.06	24.13	24.06	24.07	24.06				
Channel												
Frequency (MHz)				39745	40020	40165	40850	41500	Tune-up limit (dBm)	MPR (dB)		
				2498.5	2593	2545.5	2616.5	2687.5				
5	QPSK	1	0	24.68	24.80	24.63	24.60	24.67	25.5	0		
5	QPSK	1	7	24.77	24.71	24.78	24.67	24.76				
5	QPSK	1	24	24.75	24.88	24.79	24.73	24.72				
5	QPSK	12	0	24.69	24.69	24.66	24.69	24.68				
5	QPSK	12	7	24.60	24.68	24.59	24.64	24.62	25.5	0		
5	QPSK	12	12	24.62	24.64	24.45	24.50	24.54				
5	QPSK	25	0	24.56	24.58	24.59	24.51	24.50				
5	16QAM	1	0	24.62	24.56	24.57	24.59	24.66				
5	16QAM	1	7	24.69	24.52	24.48	24.53	24.47	25.5	0		
5	16QAM	1	24	24.59	24.55	24.51	24.48	24.58				
5	16QAM	12	0	24.55	24.56	24.56	24.55	24.57				
5	16QAM	12	7	24.57	24.56	24.54	24.61	24.57				
5	16QAM	12	12	24.57	24.56	24.53	24.49	24.56	25.5	0		
5	16QAM	25	0	24.58	24.62	24.58	24.56	24.61				
5	16QAM	1	0	24.56	24.55	24.53	24.57	24.66				
5	16QAM	1	7	24.62	24.65	24.68	24.59	24.69				
5	64QAM	1	24	24.58	24.58	24.56	24.54	24.58	25	0.5		
5	64QAM	12	0	24.17	24.13	24.16	24.10	24.10				
5	64QAM	12	7	24.03	24.04	24.08	24.10	24.12				
5	64QAM	12	12	24.09	24.09	24.08	24.02	24.04				
5	64QAM	25	0	24.06	24.04	24.07	24.10	24.04				

Reduced Power Mode for Receiver off

GSM850_Ant 0		Burst Average Power (dBm)			Tune-up		Frame-Average Power (dBm)			Tune-up	
Tx Channel		124	180	251	Limit		124	180	251	Limit	
Frequency (MHz)		824.2	836.4	848.8	(dBm)		824.2	836.4	848.8	(dBm)	
GSM 1 Tx slot		32.22	32.30	32.25	33.50		32.22	32.30	32.25	34.50	
GPRS 1 Tx slot		32.20	32.25	32.18	33.50		32.20	32.25	32.18	34.50	
GPRS 2 Tx slots		28.95	29.00	29.02	30.00		22.95	23.00	23.02	24.00	
GPRS 3 Tx slots		28.16	28.18	28.11	29.00		23.90	23.92	23.85	24.74	
GPRS 4 Tx slots		27.03	27.07	27.00	28.00		24.03	24.07	24.00	25.00	
EDGE 1 Tx slot		27.60	27.66	27.63	28.50		18.60	18.66	18.63	19.50	
EDGE 2 Tx slots		23.62	23.60	23.52	24.50		17.62	17.60	17.52	18.50	
EDGE 3 Tx slots		22.52	22.58	22.49	23.50		18.26	18.32	18.23	19.24	
EDGE 4 Tx slots		21.30	21.35	21.28	22.50		18.30	18.35	18.28	19.50	

GSM1900_Ant 0		Burst Average Power (dBm)			Tune-up		Frame-Average Power (dBm)			Tune-up	
Tx Channel		512	661	810	Limit		512	661	810	Limit	
Frequency (MHz)		1850.2	1850	1850.8	(dBm)		1850.2	1850	1850.8	(dBm)	
GSM 1 Tx slot		29.07	29.64	29.52	30.50		20.07	20.64	20.52	21.50	
GPRS 1 Tx slot		29.88	29.55	29.26	30.50		20.88	20.55	20.26	21.50	
GPRS 2 Tx slots		27.40	27.16	26.96	28.50		21.40	21.16	20.96	22.50	
GPRS 3 Tx slots		25.68	25.43	25.19	26.50		21.42	21.17	20.93	22.24	
GPRS 4 Tx slots		24.44	24.20	23.97	25.50		21.44	21.20	20.97	22.50	
EDGE 1 Tx slot		26.66	26.93	26.64	28.50		17.66	17.93	17.64	19.50	
EDGE 2 Tx slots		24.04	24.44	24.16	25.50		18.04	18.44	18.16	19.50	
EDGE 3 Tx slots		22.45	22.90	22.68	23.50		18.10	18.64	18.22	19.24	
EDGE 4 Tx slots		21.23	21.56	21.36	22.50		18.23	18.56	18.36	19.50	

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
Tx Channel		9262	9400	9538		1312	1413	1513		4132	4162	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4367	4407	4498	
Frequency (MHz)		1850.4	1860	1869.6		1122.4	1122.6	1122.6		836.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.07	21.94	21.74	23.00	22.62	22.76	22.71	24.00	24.07	24.20	24.16	25.00
3GPP Rel 99	RMC 12.2Kbps	22.04	22.11	21.84	23.00	22.62	22.82	22.76	24.00	24.10	24.24	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	22.09	21.93	21.72	23.00	22.55	22.79	22.77	23.00	23.14	23.26	23.14	24.50
3GPP Rel 6	HSDPA Subtest-2	22.00	21.89	21.62	23.00	22.48	22.59	22.68	23.00	23.20	23.21	23.08	24.50
3GPP Rel 6	HSDPA Subtest-3	21.48	21.35	21.12	22.50	22.01	22.06	22.20	22.50	22.80	22.80	22.58	24.00
3GPP Rel 6	HSDPA Subtest-4	21.49	21.33	21.11	22.50	21.98	22.16	22.24	22.50	22.71	22.78	22.55	24.00
3GPP Rel 6	DCHSDPA Subtest-1	22.00	21.86	21.70	23.00	22.49	22.62	22.75	23.00	23.15	23.23	23.11	24.50
3GPP Rel 6	DCHSDPA Subtest-2	21.95	21.86	21.50	23.00	22.36	22.43	22.63	23.00	23.10	23.18	23.07	24.50
3GPP Rel 6	DCHSDPA Subtest-3	21.45	21.33	21.07	22.50	21.96	22.03	22.14	22.50	22.65	22.75	22.67	24.00
3GPP Rel 6	DCHSDPA Subtest-4	21.40	21.22	21.02	22.50	21.82	22.13	22.11	22.50	22.63	22.73	22.60	24.00
3GPP Rel 6	HSUPA Subtest-1	20.24	20.04	19.85	20.50	21.18	20.82	20.93	21.50	21.25	21.33	21.26	22.50
3GPP Rel 6	HSUPA Subtest-2	20.14	19.98	19.83	20.50	20.60	20.85	20.90	21.50	21.35	21.28	21.29	22.50
3GPP Rel 6	HSUPA Subtest-3	21.15	20.97	20.76	21.50	21.65	21.86	21.86	22.50	22.31	22.35	22.29	23.50
3GPP Rel 6	HSUPA Subtest-4	19.46	19.49	19.29	19.50	20.17	20.29	20.47	20.50	20.76	20.74	20.73	21.50
3GPP Rel 6	HSUPA Subtest-5	21.00	20.90	20.70	21.50	21.70	21.80	21.70	22.00	22.20	22.30	22.20	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.33	20.07	21.00	20.02	20.19	20.31	20.50	20.90	20.95	20.88	22.00

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel Frequency (MHz)										
20	QPSK	1	0	21.98	21.98	21.95	23	0		
20	QPSK	1	49	22.03	22.06	22.04				
20	QPSK	1	99	21.97	22.03	21.98				
20	QPSK	50	0	21.95	22.03	21.94				
20	QPSK	50	24	21.89	21.92	21.97	23	0		
20	QPSK	50	50	21.84	21.86	21.84				
20	QPSK	100	0	21.96	21.99	21.88				
20	16QAM	1	0	21.95	21.99	21.92				
20	16QAM	1	49	21.97	21.93	21.92	23	0		
20	16QAM	1	99	21.92	21.99	21.93				
20	16QAM	50	0	21.80	21.89	21.86				
20	16QAM	50	24	21.95	21.88	22.01				
20	16QAM	50	50	21.89	21.89	21.85	23	0		
20	16QAM	100	0	22.01	21.99	21.94				
20	64QAM	1	0	21.92	21.88	21.90				
20	64QAM	1	49	21.96	21.92	21.93				
20	64QAM	1	99	21.95	21.85	21.84	23	0		
20	64QAM	50	0	21.38	21.41	21.34				
20	64QAM	50	24	21.47	21.47	21.46				
20	64QAM	50	50	21.31	21.37	21.35				
20	64QAM	100	0	21.40	21.39	21.42	22.5	0.5		
Channel Frequency (MHz)										
15	QPSK	1	0	21.93	22.01	22.01				
15	QPSK	1	37	21.95	22.01	21.92				
15	QPSK	1	74	21.93	21.91	21.93				
15	QPSK	36	0	21.88	21.83	21.85				
15	QPSK	36	20	21.95	21.98	21.92	23	0		
15	QPSK	36	39	21.89	21.85	21.84				
15	QPSK	75	0	21.95	21.90	21.88				
15	16QAM	1	0	21.96	22.01	21.92				
15	16QAM	1	37	21.93	21.94	21.93	23	0		
15	16QAM	1	74	21.95	21.99	21.92				
15	16QAM	36	0	21.83	21.83	21.86				
15	16QAM	36	20	21.98	21.97	21.92				
15	16QAM	36	39	21.94	21.87	21.88	23	0		
15	16QAM	75	0	21.91	21.95	21.99				
15	64QAM	1	0	21.97	21.92	21.99				
15	64QAM	1	37	21.89	21.96	21.92				
15	64QAM	1	74	21.88	21.95	21.84	23	0		
15	64QAM	36	0	21.42	21.40	21.42				
15	64QAM	36	20	21.47	21.42	21.48				
15	64QAM	36	39	21.38	21.38	21.37				
15	64QAM	75	0	21.38	21.43	21.44	22.5	0.5		
Channel Frequency (MHz)										
10	QPSK	1	0	21.99	21.98	21.91			23	0
10	QPSK	1	25	21.93	21.93	21.99				
10	QPSK	1	49	21.93	21.94	21.89				
10	QPSK	25	0	21.87	21.86	21.84				
10	QPSK	25	12	21.89	22.01	21.89	23	0		
10	QPSK	25	25	21.90	21.85	21.95				
10	QPSK	50	0	21.94	21.84	21.95				
10	16QAM	1	0	22.00	21.97	21.92				
10	16QAM	1	25	22.01	21.92	21.95	23	0		
10	16QAM	1	49	22.00	21.91	21.92				
10	16QAM	25	0	21.83	21.86	21.85				
10	16QAM	25	12	21.97	21.94	21.99				
10	16QAM	25	25	21.86	21.95	21.92	23	0		
10	16QAM	50	0	22.00	22.01	21.99				
10	64QAM	1	0	21.88	21.93	21.90				
10	64QAM	1	25	21.93	21.95	21.96				
10	64QAM	1	49	21.91	21.93	21.87	23	0		
10	64QAM	25	0	21.41	21.39	21.38				
10	64QAM	25	12	21.42	21.42	21.43				
10	64QAM	25	25	21.35	21.35	21.36				
10	64QAM	50	0	21.35	21.37	21.38	22.5	0.5		
Channel Frequency (MHz)										
5	QPSK	1	0	21.93	21.88	21.90	23	0		
5	QPSK	1	12	21.98	21.93	21.91				
5	QPSK	1	24	21.97	21.92	21.95				
5	QPSK	12	0	22.00	21.88	21.90				
5	QPSK	12	7	21.92	21.93	21.97	23	0		
5	QPSK	12	13	21.91	21.94	21.91				
5	QPSK	25	0	21.85	21.98	21.95				
5	16QAM	1	0	21.95	21.89	21.92				
5	16QAM	1	12	21.99	21.93	21.98	23	0		
5	16QAM	1	24	21.94	21.93	21.92				
5	16QAM	12	0	21.82	21.81	21.87				
5	16QAM	12	7	21.96	22.00	21.97				
5	16QAM	12	13	21.91	21.90	21.86	23	0		
5	16QAM	25	0	21.88	21.95	21.97				
5	64QAM	1	0	21.94	21.92	21.98				
5	64QAM	1	12	21.96	21.92	21.97				
5	64QAM	1	24	21.86	21.94	21.84	23	0		
5	64QAM	12	0	21.33	21.34	21.38				
5	64QAM	12	7	21.48	21.46	21.45				
5	64QAM	12	13	21.31	21.36	21.36				
5	64QAM	25	0	21.44	21.39	21.37	22.5	0.5		
Channel Frequency (MHz)										
3	QPSK	1	0	21.92	21.91	22.00	23	0		
3	QPSK	1	8	21.93	22.00	21.91				
3	QPSK	1	14	21.92	21.99	21.92				
3	QPSK	8	0	21.90	21.91	21.89				
3	QPSK	8	4	21.95	21.94	22.01	23	0		
3	QPSK	8	7	21.84	21.95	21.85				
3	QPSK	15	0	21.95	21.89	21.86				
3	16QAM	1	0	22.00	21.97	21.97				
3	16QAM	1	8	21.97	21.93	21.95	23	0		
3	16QAM	1	14	22.01	22.00	21.94				
3	16QAM	8	0	21.84	21.88	21.83				
3	16QAM	8	4	22.01	21.97	21.95				
3	16QAM	8	7	21.87	21.89	21.92	23	0		
3	16QAM	15	0	21.93	21.93	21.98				
3	64QAM	1	0	21.93	21.90	21.94				
3	64QAM	1	8	22.01	21.97	21.94				
3	64QAM	1	14	21.96	21.88	21.90	23	0		
3	64QAM	8	0	21.37	21.35	21.35				
3	64QAM	8	4	21.40	21.43	21.40				
3	64QAM	8	7	21.29	21.37	21.33				
3	64QAM	15	0	21.35	21.37	21.43	22.5	0.5		
Channel Frequency (MHz)										
1.4	QPSK	1	0	21.91	21.87	21.93	23	0		
1.4	QPSK	1	3	21.99	21.92	21.85				
1.4	QPSK	1	5	21.86	21.92	21.85				
1.4	QPSK	3	0	21.88	21.91	21.94				
1.4	QPSK	3	1	21.95	21.90	21.92	23	0		
1.4	QPSK	3	3	21.94	21.86	21.93				
1.4	QPSK	3	5	21.88	21.85	21.85				
1.4	16QAM	1	0	21.92	21.93	21.95				
1.4	16QAM	1	3	21.94	22.01	21.95	23	0		
1.4	16QAM	1	5	21.94	21.96	21.92				
1.4	16QAM	3	0	21.80	21.88	21.81				
1.4	16QAM	3	1	21.96	21.92	21.97				
1.4	16QAM	3	3	21.94	21.90	21.92	23	0		
1.4	16QAM	6	0	22.01	21.97	21.92				
1.4	64QAM	1	0	21.90	21.93	21.88				
1.4	64QAM	1	3	21.83	21.84	21.82				
1.4	64QAM	1	5	21.89	21.87	21.90	23	0		
1.4	64QAM	3	0	21.74	21.79	21.70				
1.4	64QAM	3	1	21.86	21.91	21.89				
1.4	64QAM	3	3	21.91	21.80	21.81				
1.4	64QAM	6	0	21.35	21.38	21.40	22.5	0.5		
Channel Frequency (MHz)										

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq]	Power Middle Ch. [Freq]	Power High Ch. [Freq]	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								
20	QPSK	1	0	1720	1723.5	1745	23.5	0
20	QPSK	1	49	22.28	22.26	22.25		
20	QPSK	1	99	22.42	22.44	22.37		
20	QPSK	50	0	22.23	22.39	22.37		
20	QPSK	50	24	22.31	22.23	22.30	23.5	0
20	QPSK	50	50	22.23	22.35	22.31		
20	QPSK	100	0	22.22	22.29	22.26		
20	16QAM	1	0	22.14	22.26	22.25		
20	16QAM	1	49	22.23	22.32	22.29	23.5	0
20	16QAM	1	99	22.27	22.30	22.26		
20	16QAM	50	0	22.13	22.23	22.19	23.5	0
20	16QAM	50	24	22.28	22.28	22.28		
20	16QAM	50	50	22.17	22.23	22.21		
20	16QAM	100	0	22.15	22.27	22.18		
20	64QAM	1	0	22.20	22.31	22.17	23.5	0
20	64QAM	1	49	22.25	22.31	22.30		
20	64QAM	1	99	22.18	22.30	22.24		
20	64QAM	50	0	21.16	21.16	21.17		
20	64QAM	50	24	21.29	21.34	21.25	22.5	1
20	64QAM	50	50	21.31	21.32	21.25		
20	64QAM	100	0	21.28	21.35	21.31		
Channel Frequency (MHz)								
15	QPSK	1	0	1717.5	1723.5	1747.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	37	22.35	22.27	22.29	23.5	0
15	QPSK	1	74	22.27	22.27	22.29		
15	QPSK	36	0	22.16	22.19	22.26		
15	QPSK	36	20	22.32	22.22	22.32		
15	QPSK	36	36	22.28	22.27	22.18	23.5	0
15	QPSK	72	0	22.14	22.31	22.15		
15	16QAM	1	0	22.15	22.16	22.13		
15	16QAM	1	37	22.28	22.21	22.24		
15	16QAM	36	0	22.12	22.19	22.12	23.5	0
15	16QAM	36	30	22.37	22.33	22.38		
15	16QAM	36	36	22.15	22.15	22.18		
15	16QAM	72	0	22.26	22.25	22.17		
15	64QAM	1	0	22.16	22.30	22.19	23.5	0
15	64QAM	1	37	22.22	22.24	22.22		
15	64QAM	1	74	22.24	22.23	22.25		
15	64QAM	36	0	21.18	21.15	21.21		
15	64QAM	36	20	21.25	21.29	21.27	22.5	1
15	64QAM	36	30	21.29	21.24	21.24		
15	64QAM	72	0	21.25	21.28	21.33		
Channel Frequency (MHz)								
10	QPSK	1	0	1715	1723.5	1750	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	25	22.35	22.30	22.32	23.5	0
10	QPSK	1	49	22.27	22.29	22.26		
10	QPSK	25	0	22.15	22.25	22.25		
10	QPSK	25	12	22.29	22.31	22.27		
10	QPSK	25	12	22.29	22.31	22.19	23.5	0
10	QPSK	50	0	22.18	22.31	22.15		
10	16QAM	1	0	22.17	22.17	22.22		
10	16QAM	1	25	22.25	22.27	22.29		
10	16QAM	1	49	22.26	22.18	22.17	23.5	0
10	16QAM	25	0	22.12	22.21	22.17		
10	16QAM	25	12	22.28	22.33	22.35		
10	16QAM	25	25	22.12	22.15	22.16		
10	16QAM	50	0	22.15	22.15	22.16	23.5	0
10	16QAM	50	0	22.16	22.28	22.28		
10	64QAM	1	25	22.23	22.28	22.18		
10	64QAM	1	49	22.27	22.18	22.20		
10	64QAM	25	0	21.22	21.18	21.18	22.5	1
10	64QAM	25	12	21.32	21.27	21.30		
10	64QAM	25	25	21.27	21.31	21.26		
10	64QAM	50	0	21.30	21.30	21.30		
Channel Frequency (MHz)								
5	QPSK	1	0	1713.5	1723.5	1757.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	12	22.31	22.32	22.24	23.5	0
5	QPSK	1	24	22.22	22.28	22.31		
5	QPSK	12	0	22.22	22.25	22.21		
5	QPSK	12	7	22.28	22.26	22.28		
5	QPSK	12	13	22.27	22.31	22.21	23.5	0
5	QPSK	25	0	22.20	22.25	22.14		
5	16QAM	1	0	22.21	22.25	22.18		
5	16QAM	1	12	22.23	22.19	22.19		
5	16QAM	1	24	22.24	22.28	22.20	23.5	0
5	16QAM	12	0	22.21	22.14	22.17		
5	16QAM	12	7	22.36	22.34	22.34		
5	16QAM	12	13	22.20	22.20	22.14		
5	16QAM	25	0	22.24	22.26	22.14	23.5	0
5	64QAM	1	12	22.23	22.27	22.17		
5	64QAM	1	24	22.16	22.27	22.17		
5	64QAM	12	0	21.23	21.14	21.23		
5	64QAM	12	7	21.25	21.27	21.26	22.5	1
5	64QAM	12	13	21.31	21.24	21.25		
5	64QAM	25	0	21.25	21.27	21.34		
Channel Frequency (MHz)								
3	QPSK	1	0	1711.5	1723.5	1753.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	8	22.35	22.31	22.30	23.5	0
3	QPSK	1	14	22.30	22.31	22.27		
3	QPSK	8	0	22.16	22.15	22.18		
3	QPSK	8	4	22.22	22.22	22.23		
3	QPSK	8	7	22.16	22.18	22.18	23.5	0
3	QPSK	15	0	22.17	22.22	22.19		
3	16QAM	1	0	22.13	22.20	22.23		
3	16QAM	1	8	22.23	22.22	22.27		
3	16QAM	1	14	22.24	22.23	22.25	23.5	0
3	16QAM	8	0	22.13	22.12	22.15		
3	16QAM	8	7	22.17	22.17	22.11		
3	16QAM	15	0	22.24	22.14	22.14		
3	64QAM	1	8	22.21	22.23	22.29	23.5	0
3	64QAM	1	14	22.21	22.16	22.16		
3	64QAM	8	0	21.18	21.18	21.19		
3	64QAM	8	4	21.33	21.25	21.27		
3	64QAM	8	7	21.27	21.30	21.25	22.5	1
3	64QAM	15	0	21.29	21.28	21.25		
Channel Frequency (MHz)								
1.4	QPSK	1	0	1710.5	1723.5	1754.5	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	3	22.29	22.28	22.31	23.5	0
1.4	QPSK	1	6	22.28	22.28	22.19		
1.4	QPSK	3	0	22.21	22.15	22.18		
1.4	QPSK	3	1	22.25	22.28	22.25		
1.4	QPSK	3	3	22.16	22.20	22.17	23.5	0
1.4	QPSK	6	0	22.19	22.21	22.13		
1.4	16QAM	1	0	22.24	22.19	22.19		
1.4	16QAM	1	3	22.18	22.26	22.26		
1.4	16QAM	1	5	22.27	22.17	22.26	23.5	0
1.4	16QAM	3	0	22.20	22.14	22.16		
1.4	16QAM	3	1	22.25	22.35	22.35		
1.4	16QAM	3	3	22.12	22.16	22.19		
1.4	64QAM	1	0	22.19	22.27	22.24	23.5	0
1.4	64QAM	1	3	22.27	22.27	22.27		
1.4	64QAM	1	5	22.23	22.23	22.17		
1.4	64QAM	3	0	22.11	22.30	22.21		
1.4	64QAM	3	1	22.19	22.28	22.26	22.5	1
1.4	64QAM	3	3	22.25	22.24	22.24		
1.4	64QAM	6	0	21.26	21.30	21.33		
1.4	64QAM	6	0	21.29	21.30	21.33		

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low	Middle	High		
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.		
Channel				20400	20500	206000		
Frequency (MHz)				820	830.5	841		
10	QPSK	1	0	23.68	23.70	23.72	25	0
10	QPSK	1	25	23.61	23.85	23.83		
10	QPSK	1	49	23.69	23.68	23.72		
10	QPSK	25	0	22.89	22.68	22.92	24	1
10	QPSK	25	12	22.82	22.82	22.88		
10	QPSK	25	25	22.87	22.71	22.86		
10	QPSK	50	0	22.89	22.91	22.90	24	1
10	16QAM	1	0	22.95	22.99	22.97		
10	16QAM	1	25	23.10	23.11	23.14		
10	16QAM	1	49	22.98	22.99	22.85	23	2
10	16QAM	25	0	21.88	21.72	21.90		
10	16QAM	25	12	21.85	21.79	21.87		
10	16QAM	25	25	21.88	21.73	21.84	22	3
10	16QAM	50	0	21.87	21.73	21.90		
10	64QAM	1	0	21.88	21.88	21.95		
10	64QAM	1	25	22.04	21.97	22.07	23	2
10	64QAM	1	49	21.83	21.86	21.78		
10	64QAM	25	0	20.94	20.80	20.97		
10	64QAM	25	12	20.90	20.89	20.93	22	3
10	64QAM	25	25	20.94	20.78	20.94		
10	64QAM	50	0	20.93	20.80	20.94		
Channel				20400	20500	206000		
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.58	23.57	23.59	25	0
5	QPSK	1	12	23.62	23.85	23.85		
5	QPSK	1	24	23.63	23.55	23.56		
5	QPSK	12	0	22.74	22.68	22.68	24	1
5	QPSK	12	7	22.76	22.73	22.77		
5	QPSK	12	13	22.73	22.67	22.68		
5	QPSK	25	0	22.74	22.68	22.71	24	1
5	16QAM	1	0	22.72	22.80	22.84		
5	16QAM	1	12	23.08	23.02	23.05		
5	16QAM	1	24	22.84	22.78	22.72	23	2
5	16QAM	12	0	21.71	21.65	21.67		
5	16QAM	12	7	21.77	21.73	21.74		
5	16QAM	12	13	21.71	21.61	21.63	23	2
5	16QAM	25	0	21.73	21.66	21.68		
5	64QAM	1	0	21.70	21.71	21.74		
5	64QAM	1	12	22.02	22.01	21.96	23	2
5	64QAM	1	24	21.75	21.71	21.65		
5	64QAM	12	0	20.79	20.77	20.75		
5	64QAM	12	7	20.86	20.84	20.84	22	3
5	64QAM	12	13	20.79	20.73	20.79		
5	64QAM	25	0	20.78	20.72	20.74		
Channel				20415	20500	206035		
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.79	23.79	23.80	25	0
3	QPSK	1	8	23.81	23.77	23.77		
3	QPSK	1	14	23.84	23.71	23.77		
3	QPSK	8	0	22.83	22.81	22.78	24	1
3	QPSK	8	4	22.86	22.83	22.88		
3	QPSK	8	7	22.82	22.80	22.82		
3	QPSK	15	0	22.82	22.81	22.85	24	1
3	16QAM	1	0	23.02	22.99	23.07		
3	16QAM	1	8	23.03	23.05	22.97		
3	16QAM	1	14	23.04	23.01	23.02	23	2
3	16QAM	8	0	21.87	21.82	21.86		
3	16QAM	8	4	21.91	21.86	21.85		
3	16QAM	8	7	21.88	21.84	21.82	23	2
3	16QAM	15	0	21.79	21.77	21.81		
3	64QAM	1	0	22.00	21.93	21.86		
3	64QAM	1	8	22.02	21.94	21.90	23	2
3	64QAM	1	14	21.94	21.89	21.88		
3	64QAM	8	0	20.96	20.90	20.92		
3	64QAM	8	4	20.99	20.92	20.97	22	3
3	64QAM	8	7	20.94	20.90	20.87		
3	64QAM	15	0	20.85	20.88	20.90		
Channel				20407	20500	206043		
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.75	23.72	23.73	25	0
1.4	QPSK	1	3	23.84	23.85	23.83		
1.4	QPSK	1	6	23.77	23.70	23.71		
1.4	QPSK	3	0	23.83	23.83	23.83	24	1
1.4	QPSK	3	1	23.85	23.81	23.83		
1.4	QPSK	3	3	23.79	23.83	23.80		
1.4	QPSK	6	0	22.85	22.80	22.88	24	1
1.4	16QAM	1	0	22.99	22.99	22.85		
1.4	16QAM	1	3	23.04	23.10	23.07		
1.4	16QAM	1	5	22.98	22.98	22.90	24	1
1.4	16QAM	3	0	22.78	22.82	22.75		
1.4	16QAM	3	1	22.81	22.84	22.84		
1.4	16QAM	3	3	22.75	22.78	22.73	23	2
1.4	16QAM	6	0	21.80	21.88	21.91		
1.4	64QAM	1	0	21.92	21.78	21.87		
1.4	64QAM	1	3	22.01	22.00	21.98	23	2
1.4	64QAM	1	5	21.92	21.88	21.82		
1.4	64QAM	3	0	21.93	21.90	21.87		
1.4	64QAM	3	1	21.96	21.98	21.96	22	3
1.4	64QAM	3	3	21.94	21.91	21.88		
1.4	64QAM	6	0	20.85	20.89	20.87		

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)		
Channel Frequency (MHz)										
10	QPSK	1	0	704	707.5	711	25	0		
10	QPSK	1	25	23.95	23.91	23.94				
10	QPSK	1	49	24.13	24.17	24.14				
10	QPSK	1	25	24.04	23.98	23.98	24	1		
10	QPSK	25	0	23.21	23.25	23.20				
10	QPSK	25	12	23.16	23.17	23.16				
10	QPSK	25	25	23.17	23.20	23.13	24	1		
10	QPSK	50	0	23.17	23.20	23.12				
10	16QAM	1	0	23.23	23.19	23.26				
10	16QAM	1	25	23.44	23.41	23.32	24	1		
10	16QAM	1	49	23.38	23.27	23.27				
10	16QAM	25	0	22.12	22.11	22.06				
10	16QAM	25	12	22.18	22.17	22.13	23	2		
10	16QAM	25	25	22.19	22.19	22.12				
10	16QAM	50	0	22.17	22.15	22.08				
10	64QAM	1	0	22.08	22.10	22.16	23	2		
10	64QAM	1	25	22.36	22.33	22.37				
10	64QAM	1	49	22.21	22.28	22.21				
10	64QAM	25	0	21.18	21.09	21.09	22	3		
10	64QAM	25	12	21.15	21.17	21.15				
10	64QAM	25	25	21.22	21.20	21.11				
10	64QAM	50	0	21.17	21.15	21.11	Turn-up limit (dBm)	MPR (dB)		
Channel Frequency (MHz)										
				23005	23066	23150				
				701.5	707.5	713.5				
5	QPSK	1	0	23.77	23.79	23.76	25	0		
5	QPSK	1	12	24.16	24.10	24.12				
5	QPSK	1	24	23.84	23.82	23.84				
5	QPSK	12	0	23.03	23.04	23.04	24	1		
5	QPSK	12	7	23.13	23.08	23.08				
5	QPSK	12	13	23.03	23.08	23.03				
5	QPSK	25	0	23.02	23.07	23.03	24	1		
5	16QAM	1	0	23.08	23.11	23.08				
5	16QAM	1	12	23.39	23.40	23.32				
5	16QAM	1	24	23.18	23.18	23.12	23	2		
5	16QAM	12	0	22.01	22.00	22.02				
5	16QAM	12	7	22.08	22.08	22.08				
5	16QAM	12	13	22.02	22.05	21.98	23	2		
5	16QAM	25	0	22.05	22.04	22.01				
5	64QAM	1	0	21.96	22.00	22.02	23	2		
5	64QAM	1	12	22.35	22.39	22.28				
5	64QAM	1	24	22.08	22.06	22.03				
5	64QAM	12	0	21.03	21.04	21.06	22	3		
5	64QAM	12	7	21.11	21.12	21.13				
5	64QAM	12	13	21.05	21.06	21.03				
5	64QAM	25	0	21.03	21.03	21.00	Turn-up limit (dBm)	MPR (dB)		
Channel Frequency (MHz)										
				23005	23066	23166				
				701.5	707.5	714.5				
3	QPSK	1	0	24.05	24.04	24.04	25	0		
3	QPSK	1	8	24.06	24.04	24.02				
3	QPSK	1	14	24.06	24.06	24.03				
3	QPSK	8	0	23.15	23.16	23.18	24	1		
3	QPSK	8	4	23.17	23.17	23.20				
3	QPSK	8	7	23.19	23.14	23.17				
3	QPSK	15	0	23.18	23.16	23.18	23	2		
3	16QAM	1	0	23.38	23.34	23.34				
3	16QAM	1	8	23.36	23.39	23.25				
3	16QAM	1	14	23.39	23.31	23.32	24	1		
3	16QAM	8	0	22.18	22.21	22.19				
3	16QAM	8	4	22.23	22.24	22.24				
3	16QAM	8	7	22.19	22.18	22.17	23	2		
3	16QAM	15	0	22.18	22.15	22.16				
3	64QAM	1	0	22.24	22.32	22.19				
3	64QAM	1	14	22.29	22.29	22.28	23	2		
3	64QAM	1	14	22.29	22.25	22.30				
3	64QAM	8	0	21.17	21.17	21.18				
3	64QAM	8	7	21.22	21.22	21.20	22	3		
3	64QAM	8	7	21.21	21.20	21.15				
3	64QAM	15	0	21.16	21.17	21.11				
Channel Frequency (MHz)										
				23017	23066	23162				
				699.7	707.5	715.3				
1.4	QPSK	1	0	23.62	23.60	23.60	25	0		
1.4	QPSK	1	24	24.03	24.03	24.03				
1.4	QPSK	1	5	23.94	23.90	23.92				
1.4	QPSK	3	0	24.03	23.99	24.00	24	1		
1.4	QPSK	3	24.07	24.01	24.08					
1.4	QPSK	3	3	24.05	23.98	24.02				
1.4	QPSK	6	0	23.07	23.11	23.09	24	1		
1.4	16QAM	1	0	23.24	23.26	23.26				
1.4	16QAM	1	3	23.32	23.38	23.31				
1.4	16QAM	1	5	23.38	23.29	23.17	24	1		
1.4	16QAM	3	0	23.04	23.04	22.99				
1.4	16QAM	3	1	23.08	23.08	23.06				
1.4	16QAM	3	3	23.08	23.01	23.03	23	2		
1.4	16QAM	6	0	22.12	22.15	22.16				
1.4	64QAM	1	0	22.18	22.04	22.12				
1.4	64QAM	1	3	22.23	22.30	22.31	23	2		
1.4	64QAM	1	22.13	22.13	22.11					
1.4	64QAM	3	0	22.15	22.14	22.14				
1.4	64QAM	3	1	22.22	22.21	22.25	23	2		
1.4	64QAM	3	1	22.19	22.19	22.17				
1.4	64QAM	6	0	21.07	21.07	21.05				
1.4	64QAM	6	0	21.07	21.07	21.05	22	3		

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel							25	0
Frequency (MHz)								
10	QPSK	1	0		762	23.83	24	1
10	QPSK	1	25	24.05				
10	QPSK	1	49		23.79		24	1
10	QPSK	25	0		22.99			
10	QPSK	25	12		22.93		23	2
10	QPSK	25	25		22.96			
10	QPSK	50	0		22.98		23	2
10	16QAM	50	0		23.00			
10	16QAM	1	25		23.21		23	2
10	16QAM	1	49		23.08			
10	16QAM	25	0		21.98		22	3
10	16QAM	25	12		22.03			
10	16QAM	25	25		22.06		22	3
10	16QAM	50	0		22.02			
10	64QAM	1	0		21.98		22	3
10	64QAM	1	25		22.23			
10	64QAM	1	49		22.03		22	3
10	64QAM	25	0		20.93			
10	64QAM	25	12		21.00		22	3
10	64QAM	25	25		21.03			
10	64QAM	50	0		21.00		22	3
10	64QAM	50	0		21.00			
Channel							25	0
Frequency (MHz)								
5	QPSK	1	0	23.75	779.5	23.74	24	1
5	QPSK	1	12	24.03	24.04	24.01		
5	QPSK	1	24	23.79	23.76	23.72	23	2
5	QPSK	12	0	22.83	22.86	22.86		
5	QPSK	12	7	22.85	22.95	22.92	24	1
5	QPSK	12	13	22.90	22.97	22.86		
5	QPSK	25	0	22.90	22.92	22.83	23	2
5	16QAM	1	0	22.92	23.01	23.03		
5	16QAM	1	12	23.27	23.20	23.31	24	1
5	16QAM	1	24	23.08	23.01	23.02		
5	16QAM	12	0	21.87	21.93	21.91	23	2
5	16QAM	12	7	22.01	22.02	21.99		
5	16QAM	12	13	21.94	22.01	21.93	23	2
5	16QAM	25	0	21.92	22.02	21.92		
5	64QAM	1	0	21.94	22.01	21.97	23	2
5	64QAM	1	12	22.25	22.26	22.28		
5	64QAM	1	24	22.02	21.97	21.94	22	3
5	64QAM	12	0	20.93	20.97	20.94		
5	64QAM	12	7	21.05	21.03	21.02	22	3
5	64QAM	12	13	20.95	21.04	20.95		
5	64QAM	25	0	20.94	21.02	20.90	22	3
5	64QAM	25	0	20.94	21.02	20.90		

Band 25_Ant 0

BW [MHz]	Modulation	Channel	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel					186140	186360	186590		
Frequency (MHz)					1860	18630	18650		
20	QPSK	1	0	22.27	22.25	22.10	23	0	
20	QPSK	1	49	22.16	22.39	22.18			
20	QPSK	1	99	22.22	22.24	22.23	23	0	
20	QPSK	50	0	22.30	22.32	22.25			
20	QPSK	50	24	22.25	22.22	22.21	23	0	
20	QPSK	50	50	22.16	22.20	22.11			
20	QPSK	100	0	22.24	22.26	22.19	23	0	
20	16QAM	1	0	22.22	22.22	22.20			
20	16QAM	1	49	22.14	22.21	22.25	23	0	
20	16QAM	1	99	22.13	22.15	21.99			
20	16QAM	50	0	22.14	22.05	22.17	23	0	
20	16QAM	50	24	22.12	22.11	22.11			
20	16QAM	50	50	22.19	22.12	21.92	23	0	
20	16QAM	100	0	22.14	22.08	21.98			
20	64QAM	1	0	22.19	22.21	22.21	23	0	
20	64QAM	1	49	22.16	22.16	22.05			
20	64QAM	1	99	22.06	22.14	22.04	23	0	
20	64QAM	50	0	21.38	21.31	21.37			
20	64QAM	50	24	21.47	21.47	21.44	22.5	0.5	
20	64QAM	50	50	21.38	21.37	21.45			
20	64QAM	100	0	21.39	21.38	21.44	22.5	0.5	
20	64QAM	100	0	21.39	21.38	21.44			
Channel					186115	186360	186615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					18612.5	18630	18675		
15	QPSK	1	0	22.09	22.12	22.13	23	0	
15	QPSK	1	37	22.12	22.19	22.18			
15	QPSK	1	74	22.07	22.09	22.14	23	0	
15	QPSK	36	0	22.00	22.07	22.01			
15	QPSK	36	36	22.13	22.13	22.04	23	0	
15	QPSK	36	89	22.05	21.95	22.00			
15	QPSK	75	0	21.93	21.91	21.92	23	0	
15	16QAM	1	0	22.28	22.22	22.22			
15	16QAM	1	37	22.27	22.14	22.13	23	0	
15	16QAM	1	74	22.04	21.92	22.03			
15	16QAM	36	0	22.05	21.97	22.02	23	0	
15	16QAM	36	20	22.07	22.03	22.03			
15	16QAM	36	36	21.95	22.07	21.95	23	0	
15	16QAM	75	0	21.92	21.91	21.95			
15	64QAM	1	0	22.21	22.28	22.21	23	0	
15	64QAM	1	37	22.08	21.95	21.98			
15	64QAM	1	74	21.97	21.91	21.94	23	0	
15	64QAM	36	0	21.31	21.38	21.35			
15	64QAM	36	20	21.48	21.48	21.42	22.5	0.5	
15	64QAM	36	36	21.42	21.43	21.38			
15	64QAM	75	0	21.46	21.40	21.40	22.5	0.5	
15	64QAM	75	0	21.46	21.40	21.40			
Channel					186090	186360	186640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					18603	18630	18675		
10	QPSK	1	0	22.03	22.07	22.01	23	0	
10	QPSK	1	25	22.22	22.21	22.24			
10	QPSK	1	49	22.12	22.08	22.16	23	0	
10	QPSK	25	0	22.07	22.00	22.02			
10	QPSK	25	12	22.10	22.05	22.13	23	0	
10	QPSK	25	25	22.04	21.97	21.99			
10	QPSK	50	0	22.08	21.99	21.94	23	0	
10	16QAM	1	0	22.24	22.23	22.21			
10	16QAM	1	25	22.10	22.16	22.16	23	0	
10	16QAM	1	49	21.92	22.01	21.94			
10	16QAM	25	0	22.01	21.98	21.96	23	0	
10	16QAM	25	12	22.12	22.01	22.12			
10	16QAM	25	25	21.94	22.15	22.05	23	0	
10	16QAM	50	0	21.94	22.09	21.96			
10	64QAM	1	0	22.20	22.23	22.27	23	0	
10	64QAM	1	25	22.02	21.96	21.98			
10	64QAM	1	49	22.03	21.93	21.91	23	0	
10	64QAM	25	0	21.29	21.36	21.35			
10	64QAM	25	12	21.46	21.48	21.41	22.5	0.5	
10	64QAM	25	25	21.44	21.40	21.40			
10	64QAM	50	0	21.42	21.43	21.38	22.5	0.5	
10	64QAM	50	0	21.42	21.43	21.38			
Channel					186065	186360	186665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					18612.5	18630	18675		
5	QPSK	1	0	22.09	22.08	22.02	23	0	
5	QPSK	1	12	22.15	22.13	22.22			
5	QPSK	1	24	22.08	22.14	22.14	23	0	
5	QPSK	12	0	22.02	22.00	22.12			
5	QPSK	12	7	22.03	22.07	22.09	23	0	
5	QPSK	12	13	21.98	21.98	21.96			
5	QPSK	25	0	21.90	21.98	21.96	23	0	
5	16QAM	1	0	22.22	22.29	22.24			
5	16QAM	1	12	22.15	22.25	22.26	23	0	
5	16QAM	1	24	21.92	21.98	21.99			
5	16QAM	12	0	21.99	22.05	21.98	23	0	
5	16QAM	12	7	22.10	22.03	22.12			
5	16QAM	12	13	21.92	22.03	21.93	23	0	
5	16QAM	25	0	21.92	21.97	21.89			
5	16QAM	25	12	22.04	22.03	22.03	23	0	
5	64QAM	1	0	22.24	22.23	22.25			
5	64QAM	1	12	22.08	22.05	22.05	23	0	
5	64QAM	1	24	21.96	21.96	22.04			
5	64QAM	12	0	21.32	21.38	21.34	23	0	
5	64QAM	12	7	21.43	21.47	21.41			
5	64QAM	12	13	21.37	21.41	21.42	22.5	0.5	
5	64QAM	12	25	21.38	21.46	21.42			
5	64QAM	25	0	21.38	21.46	21.42	22.5	0.5	
5	64QAM	25	0	21.38	21.46	21.42			
Channel					186055	186360	186675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					18612.5	18630	18675		
3	QPSK	1	0	22.09	22.05	22.05	23	0	
3	QPSK	1	8	22.18	22.18	22.18			
3	QPSK	1	16	22.05	22.05	22.14	23	0	
3	QPSK	8	0	22.08	22.01	22.08			
3	QPSK	8	4	22.12	22.10	22.06	23	0	
3	QPSK	8	7	22.02	22.08	22.07			
3	QPSK	15	0	21.98	21.90	21.89	23	0	
3	16QAM	1	0	22.13	22.27	22.29			
3	16QAM	1	8	22.20	22.25	22.26	23	0	
3	16QAM	1	16	22.00	22.03	21.94			
3	16QAM	8	0	22.00	22.08	21.97	23	0	
3	16QAM	8	4	22.01	22.07	22.08			
3	16QAM	8	7	21.93	22.02	21.85	23	0	
3	16QAM	15	0	21.89	21.85	21.87			
3	64QAM	1	0	22.20	22.29	22.27	23	0	
3	64QAM	1	8	22.08	21.95	22.02			
3	64QAM	1	16	21.92	21.90	21.96	23	0	
3	64QAM	8	0	21.34	21.35	21.34			
3	64QAM	8	4	21.42	21.46	21.46	22.5	0.5	
3	64QAM	8	7	21.45	21.40	21.39			
3	64QAM	15	0	21.40	21.44	21.44	22.5	0.5	
3	64QAM	15	0	21.40	21.44	21.44			
Channel					186047	186360	186683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					18607	18630	18674		
1.4	QPSK	1	0	22.11	22.06	22.10	23	0	
1.4	QPSK	1	3	22.17	22.16	22.18			
1.4	QPSK	1	6	22.10	22.10	22.04	23	0	
1.4	QPSK	3	0	22.09	22.01	22.04			
1.4	QPSK	3	1	22.08	22.03	22.03	23	0	
1.4	QPSK	3	3	21.98	21.99	22.05			
1.4	QPSK	6	0	21.98	21.91	21.95	23	0	
1.4	16QAM	1	0	22.28	22.20	22.22			
1.4	16QAM	1	3	22.24	22.25	22.24	23	0	
1.4	16QAM	1	6	21.98	21.95	21.95			
1.4	16QAM	3	0	22.01	21.98	22.03	23	0	
1.4	16QAM	3	1	22.07	22.06	22.07			
1.4	16QAM	3	3	21.90	21.90	21.91	23	0	
1.4	16QAM	6	0	21.87	21.90	21.94			
1.4	64QAM	1	0	22.21	22.23	22.14	23	0	
1.4	64QAM	1	3	21.99	22.09	22.09			
1.4	64QAM	1	5	21.83	21.82	21.96	23	0	
1.4	64QAM	3	0	21.98	22.00	22.03			
1.4	64QAM	3	1	22.05	22.05	21.98	23	0	
1.4	64QAM	3	3	22.12	22.01	22.12			
1.4	64QAM	3	5	21.38	21.45	21.45	22.5	0.5	
1.4	64QAM	3	7	21.45	21.40	21.40			

Band 26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Tune-up limit (dBm)	MPR (dB)
				821.5	831.5	841.5		
15	QPSK	1	0	23.80	23.79	23.80	25	0
15	QPSK	1	37	24.07	24.13	24.00		
15	QPSK	1	74	23.82	23.77	23.79		
15	QPSK	36	0	22.98	23.00	22.97	24	1
15	QPSK	36	20	22.94	22.95	22.93		
15	QPSK	36	39	22.88	22.96	22.91		
15	QPSK	75	0	22.90	23.01	22.89	24	1
15	16QAM	1	0	23.05	23.01	23.09		
15	16QAM	1	37	23.32	23.25	23.30		
15	16QAM	1	74	23.16	22.99	23.00	23	2
15	16QAM	36	0	21.87	21.89	21.95		
15	16QAM	36	20	21.95	21.95	21.98		
15	16QAM	36	39	21.85	21.95	21.95	23	2
15	16QAM	1	74	21.88	21.92	21.98		
15	64QAM	1	0	21.98	21.89	21.96		
15	64QAM	1	37	22.16	22.22	22.16	23	2
15	64QAM	1	74	22.01	22.00	21.91		
15	64QAM	36	0	20.95	21.00	21.01		
15	64QAM	36	20	21.02	21.04	21.05	22	3
15	64QAM	36	39	20.92	21.03	21.04		
15	64QAM	75	0	20.96	21.01	21.07		
Channel				26740	26845	26950	Tune-up limit (dBm)	MPR (dB)
				815	831.5	844		
10	QPSK	1	0	23.85	23.89	23.89	25	0
10	QPSK	1	25	24.01	24.03	24.06		
10	QPSK	1	39	23.94	23.83	23.86		
10	QPSK	25	0	22.92	22.95	23.13	24	1
10	QPSK	25	12	22.87	22.99	23.01		
10	QPSK	25	25	22.93	23.08	23.03		
10	QPSK	50	0	22.95	22.98	23.05	24	1
10	16QAM	1	0	23.14	23.10	23.08		
10	16QAM	1	25	23.25	23.29	23.30		
10	16QAM	1	49	23.18	23.07	23.08	23	2
10	16QAM	25	0	21.91	21.92	22.11		
10	16QAM	25	12	21.95	22.00	22.00		
10	16QAM	25	25	21.90	22.08	22.07	23	2
10	16QAM	50	0	21.93	21.99	22.03		
10	64QAM	1	0	21.99	22.02	22.04		
10	64QAM	1	25	22.16	22.25	22.21	22	3
10	64QAM	1	49	22.05	22.08	21.97		
10	64QAM	25	0	20.97	21.00	21.16		
10	64QAM	25	12	21.04	21.07	21.07	22	3
10	64QAM	25	25	20.95	21.08	21.08		
10	64QAM	50	0	21.00	21.05	21.14		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
				818.5	831.5	845.5		
5	QPSK	1	0	23.80	23.85	23.83	25	0
5	QPSK	1	12	24.10	24.00	24.07		
5	QPSK	1	24	23.85	23.75	23.77		
5	QPSK	12	0	22.90	22.92	22.89	24	1
5	QPSK	12	7	23.01	23.01	23.01		
5	QPSK	12	13	22.96	23.00	22.93		
5	QPSK	25	0	22.97	22.97	22.95	24	1
5	16QAM	1	0	23.05	23.06	23.07		
5	16QAM	1	23	23.39	23.40	23.33		
5	16QAM	1	24	23.07	23.10	22.93	23	2
5	16QAM	12	0	21.90	21.89	21.89		
5	16QAM	12	7	21.97	22.04	21.98		
5	16QAM	12	13	21.97	21.97	21.89	23	2
5	16QAM	25	0	22.95	22.90	21.95		
5	16QAM	1	0	21.94	21.97	21.96		
5	64QAM	1	24	22.25	22.25	22.23	22	3
5	64QAM	1	12	22.00	21.99	21.87		
5	64QAM	12	0	21.01	20.99	21.00		
5	64QAM	12	7	21.09	21.11	21.08	22	3
5	64QAM	12	13	21.02	21.06	21.02		
5	64QAM	25	0	21.03	21.02	21.02		
Channel				26795	26865	27025	Tune-up limit (dBm)	MPR (dB)
				818.5	831.5	847.5		
3	QPSK	1	0	23.91	23.92	23.91	25	0
3	QPSK	1	8	23.95	23.92	23.93		
3	QPSK	1	14	23.89	23.92	23.88		
3	QPSK	8	0	22.91	22.93	22.95	24	1
3	QPSK	8	4	22.93	22.99	22.97		
3	QPSK	8	7	22.85	22.97	22.91		
3	QPSK	15	0	22.91	22.97	22.92	24	1
3	16QAM	1	0	23.11	23.14	23.16		
3	16QAM	1	8	23.20	23.14	23.14		
3	16QAM	1	14	23.19	23.18	23.11	23	2
3	16QAM	8	0	21.98	21.98	22.00		
3	16QAM	8	4	21.97	22.03	21.98		
3	16QAM	8	7	22.03	22.92	21.95	23	2
3	16QAM	15	0	21.91	21.96	21.95		
3	64QAM	1	0	22.05	22.02	22.10		
3	64QAM	1	8	22.06	22.14	22.06	22	3
3	64QAM	1	14	22.11	22.20	21.96		
3	64QAM	8	0	21.04	21.06	21.02		
3	64QAM	8	4	21.04	21.06	21.03	22	3
3	64QAM	8	7	21.06	21.06	21.08		
3	64QAM	15	0	21.01	21.05	20.99		
Channel				26997	26965	27033	Tune-up limit (dBm)	MPR (dB)
				1347	1317	1293		
1.4	QPSK	1	0	23.87	23.85	23.84	25	0
1.4	QPSK	1	3	24.03	23.96	23.95		
1.4	QPSK	1	5	23.86	23.87	23.82		
1.4	QPSK	3	0	23.94	23.95	23.89	24	1
1.4	QPSK	3	1	23.99	24.01	24.00		
1.4	QPSK	3	3	23.93	23.92	23.91		
1.4	QPSK	6	0	22.93	22.96	22.99	24	1
1.4	16QAM	1	0	23.07	23.14	23.01		
1.4	16QAM	1	3	23.22	23.15	23.13		
1.4	16QAM	1	3	23.14	23.08	23.05	24	1
1.4	16QAM	3	0	22.90	22.92	22.90		
1.4	16QAM	3	1	22.96	22.99	22.90		
1.4	16QAM	3	3	22.93	22.96	22.85	23	2
1.4	16QAM	6	0	22.90	22.08	22.02		
1.4	64QAM	1	0	22.04	22.07	22.02		
1.4	64QAM	1	3	22.17	22.10	22.04	23	2
1.4	64QAM	1	5	22.01	22.05	21.86		
1.4	64QAM	3	0	22.02	22.06	21.97		
1.4	64QAM	3	1	22.07	22.10	22.06	22	3
1.4	64QAM	3	3	22.03	22.05	21.91		
1.4	64QAM	6	0	21.02	21.03	20.99		

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
20	QPSK	1	0	1527.2	1745	1770	24	0
20	QPSK	1	46	22.72	22.72	22.81		
20	QPSK	1	99	23.08	23.10	23.08		
20	QPSK	1	149	23.05	23.07	23.03	24	0
20	QPSK	50	0	22.90	23.05	23.01		
20	QPSK	50	24	22.80	23.01	23.00		
20	QPSK	50	50	22.85	22.90	22.86	24	0
20	QPSK	100	0	22.96	22.98	22.80		
20	16QAM	1	0	22.82	22.89	23.08		
20	16QAM	1	49	23.05	23.01	23.06	24	0
20	16QAM	1	99	22.97	22.81	22.83		
20	16QAM	50	0	22.33	22.29	22.29		
20	16QAM	50	24	22.48	22.43	22.42	23.5	0.5
20	16QAM	50	50	22.40	22.42	22.32		
20	16QAM	100	0	22.28	22.33	22.30		
20	64QAM	1	0	22.59	22.46	22.57	23.5	0.5
20	64QAM	1	49	22.64	22.85	22.85		
20	64QAM	1	99	21.90	22.01	21.88		
20	64QAM	50	0	21.15	21.19	21.13	22.5	1.5
20	64QAM	50	24	21.27	21.25	21.26		
20	64QAM	50	50	21.22	21.21	21.19		
20	64QAM	100	0	21.26	21.22	21.26		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
15	QPSK	1	0	13002	13032	13057	24	0
15	QPSK	1	37	22.93	22.98	23.08		
15	QPSK	1	74	23.01	23.03	22.99		
15	QPSK	36	0	22.97	23.00	23.00	24	0
15	QPSK	36	20	22.95	22.99	22.89		
15	QPSK	36	39	22.89	22.86	22.81		
15	QPSK	75	0	22.94	22.86	22.81	24	0
15	16QAM	1	0	22.69	22.70	22.71		
15	16QAM	1	37	22.90	22.93	22.88		
15	16QAM	1	74	22.73	22.69	22.68	23.5	0.5
15	16QAM	36	0	22.20	22.18	22.22		
15	16QAM	36	20	22.43	22.42	22.48		
15	16QAM	36	39	22.30	22.25	22.20	23.5	0.5
15	16QAM	75	0	22.32	22.37	22.20		
15	16QAM	75	20	22.40	22.42	22.37		
15	64QAM	1	37	22.52	22.62	22.63	23.5	0.5
15	64QAM	1	74	21.87	21.89	21.92		
15	64QAM	36	0	21.14	21.11	21.12		
15	64QAM	36	20	21.23	21.21	21.24	22.5	1.5
15	64QAM	36	39	21.17	21.13	21.16		
15	64QAM	75	0	21.12	21.12	21.16		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
10	QPSK	1	0	1745	1745	1772	24	0
10	QPSK	1	25	23.04	23.03	22.97		
10	QPSK	1	49	22.93	22.87	22.89		
10	QPSK	25	0	22.92	22.87	23.01	24	0
10	QPSK	25	12	22.98	22.88	22.98		
10	QPSK	25	25	22.88	22.84	22.86		
10	QPSK	50	0	22.92	22.86	22.86	24	0
10	16QAM	1	0	22.69	22.67	22.76		
10	16QAM	1	22	22.92	22.84	22.97		
10	16QAM	1	49	22.71	22.75	22.68	23.5	0.5
10	16QAM	25	0	22.18	22.20	22.21		
10	16QAM	25	12	22.43	22.43	22.43		
10	16QAM	25	25	22.30	22.36	22.41	23.5	0.5
10	16QAM	50	0	22.29	22.21	22.22		
10	16QAM	50	12	22.42	22.36	22.33		
10	64QAM	1	25	22.58	22.59	22.62	23.5	0.5
10	64QAM	1	49	21.89	21.98	21.97		
10	64QAM	25	0	21.12	21.16	21.14		
10	64QAM	25	12	21.20	21.20	21.18	22.5	1.5
10	64QAM	25	25	21.16	21.12	21.14		
10	64QAM	50	0	21.12	21.19	21.16		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
5	QPSK	1	0	1745.5	1745	1772.5	24	0
5	QPSK	1	12	23.00	23.00	22.99		
5	QPSK	1	24	22.98	22.94	23.04		
5	QPSK	12	0	22.99	22.93	22.94	24	0
5	QPSK	12	7	22.92	22.92	22.92		
5	QPSK	12	13	22.86	22.87	22.83		
5	QPSK	25	0	22.95	22.86	22.93	24	0
5	16QAM	1	0	22.76	22.74	22.67		
5	16QAM	1	12	22.98	22.98	22.98		
5	16QAM	1	24	22.80	22.71	22.80	23.5	0.5
5	16QAM	12	0	22.22	22.28	22.26		
5	16QAM	12	7	22.41	22.45	22.45		
5	16QAM	12	13	22.37	22.34	22.34	23.5	0.5
5	16QAM	25	0	22.26	22.20	22.31		
5	64QAM	1	0	22.37	22.42	22.43		
5	64QAM	1	12	22.56	22.55	22.54	23.5	0.5
5	64QAM	1	24	21.93	21.96	21.92		
5	64QAM	12	0	21.09	21.11	21.17		
5	64QAM	12	7	21.16	21.19	21.19	22.5	1.5
5	64QAM	12	13	21.20	21.21	21.16		
5	64QAM	25	0	21.17	21.17	21.16		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
3	QPSK	1	0	13187.5	13032	13057	24	0
3	QPSK	1	8	22.99	23.03	23.01		
3	QPSK	1	14	22.96	22.94	22.97		
3	QPSK	8	0	23.02	22.92	22.93	24	0
3	QPSK	8	4	22.91	22.86	22.98		
3	QPSK	8	8	22.86	22.89	22.88		
3	QPSK	15	0	22.92	22.81	22.86	24	0
3	16QAM	1	0	22.77	22.77	22.76		
3	16QAM	1	12	22.98	22.95	22.95		
3	16QAM	1	14	22.80	22.76	22.71	23.5	0.5
3	16QAM	8	0	22.24	22.22	22.26		
3	16QAM	8	4	22.48	22.51	22.46		
3	16QAM	8	7	22.33	22.34	22.37	23.5	0.5
3	16QAM	15	0	22.22	22.21	22.27		
3	64QAM	1	0	22.41	22.32	22.32		
3	64QAM	1	8	22.59	22.64	22.59	23.5	0.5
3	64QAM	1	14	21.97	21.97	21.94		
3	64QAM	8	0	21.16	21.14	21.11		
3	64QAM	8	4	21.23	21.20	21.20	22.5	1.5
3	64QAM	8	7	21.11	21.12	21.11		
3	64QAM	15	0	21.19	21.13	21.03		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
1.4	QPSK	1	0	1740.5	1745	1772.5	24	0
1.4	QPSK	1	3	22.99	22.79	22.82		
1.4	QPSK	1	6	22.99	23.07	22.97		
1.4	QPSK	3	0	22.96	22.95	23.06	24	0
1.4	QPSK	3	0	23.04	22.94	22.94		
1.4	QPSK	3	1	22.91	22.96	22.92		
1.4	QPSK	3	3	22.84	22.88	22.85	23.5	0.5
1.4	QPSK	6	0	22.93	22.89	22.86		
1.4	16QAM	1	0	22.77	22.71	22.67		
1.4	16QAM	1	3	22.90	22.85	22.83	24	0
1.4	16QAM	1	5	22.79	22.78	22.72		
1.4	16QAM	3	0	22.95	22.88	22.97		
1.4	16QAM	3	1	22.81	22.87	22.85	23.5	0.5
1.4	16QAM	6	0	22.20	22.22	22.26		
1.4	64QAM	1	3	22.19	22.28	22.20		
1.4	64QAM	1	5	22.44	22.48	22.50	23.5	0.5
1.4	64QAM	3	0	22.30	22.30	22.36		
1.4	64QAM	3	1	22.27	22.24	22.32		
1.4	64QAM	3	22	22.31	22.45	22.38	22.5	1.5
1.4	64QAM	6	0	21.20	21.21	21.30		

Band 71 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.77	23.89	23.71	25	0		
20	QPSK	1	49	24.03	24.10	23.93				
20	QPSK	1	99	23.77	23.80	23.63				
20	QPSK	50	0	23.24	23.30	23.19				
20	QPSK	50	24	23.17	23.28	23.12	24	1		
20	QPSK	50	50	23.14	23.16	23.09				
20	QPSK	100	0	23.08	23.22	23.07				
20	16QAM	1	0	23.14	23.20	23.01				
20	16QAM	1	49	23.13	23.25	23.24	24	1		
20	16QAM	50	99	23.00	23.15	23.13				
20	16QAM	50	0	22.16	22.22	22.06				
20	16QAM	50	24	22.15	22.28	22.28				
20	16QAM	50	50	22.12	22.18	22.01	23	2		
20	16QAM	100	0	22.22	22.23	22.09				
20	64QAM	1	0	22.04	22.06	22.01				
20	64QAM	1	49	21.96	22.11	22.05				
20	64QAM	1	99	22.00	22.02	22.02	23	2		
20	64QAM	50	0	20.98	21.10	20.95				
20	64QAM	50	24	21.17	21.01	21.01				
20	64QAM	50	50	21.03	21.05	20.95				
20	64QAM	100	0	21.12	21.12	21.06	22	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.68	23.89	23.65	25	0		
15	QPSK	1	37	24.02	23.97	23.91				
15	QPSK	1	74	23.67	23.79	23.55				
15	QPSK	36	0	23.15	23.09	23.08				
15	QPSK	36	20	23.11	23.23	23.01	24	1		
15	QPSK	36	36	22.95	22.97	23.00				
15	QPSK	75	0	23.06	23.19	22.96				
15	16QAM	1	0	23.05	23.12	22.88				
15	16QAM	1	37	22.99	23.16	23.16	24	1		
15	16QAM	1	74	22.88	22.97	23.05				
15	16QAM	36	0	22.03	22.04	21.87				
15	16QAM	36	20	22.07	22.28	22.12				
15	16QAM	36	36	21.95	22.15	22.01	23	2		
15	16QAM	75	0	22.08	22.12	22.00				
15	64QAM	1	0	21.98	22.06	21.91				
15	64QAM	1	37	21.85	21.99	21.89				
15	64QAM	1	74	21.90	21.85	21.84	23	2		
15	64QAM	36	0	20.80	21.00	20.90				
15	64QAM	36	20	21.06	21.02	20.91				
15	64QAM	36	36	20.88	20.97	20.88				
15	64QAM	75	0	21.12	20.95	20.87	22	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.72	23.73	23.67	25	0		
10	QPSK	1	25	23.90	24.05	23.79				
10	QPSK	1	49	23.63	23.76	23.52				
10	QPSK	25	0	23.16	23.15	22.95				
10	QPSK	25	12	23.21	23.16	23.01	24	1		
10	QPSK	25	25	22.97	23.02	23.07				
10	QPSK	50	0	22.99	23.20	23.03				
10	16QAM	1	0	22.96	23.14	22.94				
10	16QAM	1	25	22.96	23.12	23.24	24	1		
10	16QAM	1	49	22.98	22.99	22.98				
10	16QAM	25	0	21.98	22.03	21.89				
10	16QAM	25	12	22.00	22.24	22.14				
10	16QAM	25	25	22.01	22.12	22.00	23	2		
10	16QAM	50	0	22.15	22.11	22.02				
10	64QAM	1	0	21.94	21.97	21.87				
10	64QAM	1	25	21.96	22.11	21.93				
10	64QAM	1	49	21.89	21.96	21.85	23	2		
10	64QAM	25	0	20.90	21.00	20.85				
10	64QAM	25	12	21.15	21.16	20.91				
10	64QAM	25	25	20.95	20.86	20.82				
10	64QAM	50	0	20.95	21.06	20.89	22	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.75	23.89	23.68	25	0		
5	QPSK	1	12	23.84	24.09	23.85				
5	QPSK	1	24	23.60	23.16	23.63				
5	QPSK	12	0	23.00	23.13	23.06				
5	QPSK	12	7	23.10	23.13	23.10	24	1		
5	QPSK	12	13	23.05	22.97	23.06				
5	QPSK	25	0	23.04	23.14	22.88				
5	16QAM	1	0	23.05	23.04	22.93				
5	16QAM	1	12	23.12	23.16	23.24	24	1		
5	16QAM	1	24	22.88	23.13	23.05				
5	16QAM	12	0	21.98	22.03	21.91				
5	16QAM	12	7	22.10	22.16	22.12				
5	16QAM	12	13	22.06	21.99	21.93	23	2		
5	16QAM	25	0	22.15	22.22	22.01				
5	64QAM	1	0	22.03	21.92	21.97				
5	64QAM	1	12	21.85	21.85	22.00				
5	64QAM	1	24	21.83	21.88	21.94	23	2		
5	64QAM	12	0	20.82	20.97	20.87				
5	64QAM	12	7	21.16	21.01	20.92				
5	64QAM	12	13	20.97	20.99	20.90				
5	64QAM	25	0	21.03	20.99	21.02	22	3		

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)												
				39750	40185	40620	41055	41490				
				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	22.38	22.36	22.51	22.44	22.31	23	0		
20	QPSK	1	49	22.41	22.42	22.52	22.49	22.42				
20	QPSK	1	99	22.38	22.35	22.45	22.43	22.38				
20	QPSK	50	0	22.29	22.33	22.40	22.31	22.29				
20	QPSK	50	24	22.28	22.21	22.27	22.29	22.20	23	0		
20	QPSK	50	50	22.28	22.29	22.38	22.27	22.28				
20	QPSK	100	0	22.27	22.20	22.28	22.24	22.17				
20	16QAM	1	0	22.28	22.31	22.37	22.34	22.29				
20	16QAM	1	49	22.22	22.32	22.34	22.28	22.28	23	0		
20	16QAM	1	99	22.18	22.14	22.27	22.24	22.15				
20	16QAM	50	0	22.29	22.32	22.34	22.32	22.27				
20	16QAM	50	24	22.27	22.32	22.39	22.33	22.34				
20	16QAM	50	50	22.30	22.31	22.32	22.29	22.23	23	0		
20	16QAM	100	0	22.27	22.20	22.33	22.32	22.24				
20	64QAM	1	0	22.33	22.24	22.37	22.35	22.25				
20	64QAM	1	49	22.19	22.28	22.34	22.31	22.33				
20	64QAM	1	99	22.30	22.26	22.36	22.32	22.25	23	0		
20	64QAM	50	0	21.29	21.29	21.35	21.27	21.27				
20	64QAM	50	24	21.27	21.29	21.29	21.23	21.21				
20	64QAM	50	50	21.34	21.28	21.38	21.30	21.33				
20	64QAM	100	0	21.26	21.20	21.30	21.20	21.20	22	1		
Channel				39725	40620	40173	40844.5	41515			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2593	2543.3	2614.5	2687.5				
15	QPSK	1	0	22.43	22.44	22.41	22.45	22.45			23	0
15	QPSK	1	37	22.40	22.47	22.50	22.51	22.47				
15	QPSK	1	74	22.30	22.31	22.38	22.34	22.34				
15	QPSK	36	0	22.29	22.30	22.29	22.38	22.29				
15	QPSK	36	20	22.26	22.30	22.32	22.35	22.25	23	0		
15	QPSK	36	39	22.30	22.35	22.28	22.31	22.28				
15	QPSK	75	0	22.24	22.25	22.28	22.17	22.22				
15	16QAM	1	0	22.27	22.28	22.30	22.35	22.25				
15	16QAM	1	37	22.31	22.25	22.31	22.29	22.27	23	0		
15	16QAM	1	74	22.16	22.21	22.25	22.20	22.17				
15	16QAM	36	0	22.31	22.31	22.29	22.28	22.30				
15	16QAM	36	20	22.32	22.36	22.30	22.31	22.31				
15	16QAM	36	39	22.23	22.19	22.23	22.21	22.23	23	0		
15	16QAM	75	0	22.22	22.28	22.23	22.29	22.23				
15	64QAM	1	0	22.22	22.35	22.25	22.22	22.30				
15	64QAM	1	37	22.28	22.19	22.25	22.27	22.20				
15	64QAM	1	74	22.24	22.36	22.32	22.24	22.24	23	0		
15	64QAM	36	0	21.27	21.26	21.29	21.32	21.31				
15	64QAM	36	20	21.21	21.22	21.22	21.24	21.20				
15	64QAM	36	39	21.31	21.30	21.37	21.28	21.33				
15	64QAM	75	0	21.21	21.25	21.25	21.23	21.23	22	1		
Channel				39700	40620	40160	40850	41540			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2593	2547	2616	2685				
10	QPSK	1	0	22.39	22.48	22.42	22.43	22.4			23	0
10	QPSK	1	25	22.5	22.39	22.48	22.44	22.49				
10	QPSK	1	49	22.37	22.28	22.38	22.31	22.3				
10	QPSK	25	0	22.36	22.33	22.39	22.28	22.31				
10	QPSK	25	12	22.37	22.31	22.37	22.37	22.27	23	0		
10	QPSK	25	25	22.24	22.23	22.33	22.25	22.29				
10	QPSK	50	0	22.23	22.24	22.28	22.15	22.26				
10	16QAM	1	0	22.25	22.36	22.3	22.29	22.28				
10	16QAM	1	25	22.32	22.29	22.3	22.27	22.21	23	0		
10	16QAM	1	49	22.19	22.23	22.26	22.25	22.22				
10	16QAM	25	0	22.28	22.22	22.28	22.32	22.33				
10	16QAM	25	12	22.32	22.26	22.38	22.35	22.33				
10	16QAM	25	25	22.21	22.27	22.2	22.27	22.28	23	0		
10	16QAM	50	0	22.31	22.32	22.28	22.24	22.2				
10	64QAM	1	0	22.35	22.29	22.28	22.26	22.25				
10	64QAM	1	25	22.32	22.23	22.26	22.28	22.31				
10	64QAM	1	49	22.34	22.34	22.34	22.38	22.28	22	1		
10	64QAM	25	0	21.29	21.31	21.25	21.3	21.34				
10	64QAM	25	12	21.27	21.23	21.19	21.23	21.23				
10	64QAM	25	25	21.29	21.3	21.37	21.29	21.34				
10	64QAM	50	0	21.24	21.2	21.24	21.22	21.26	Tune-up limit (dBm) MPR (dB)			
Channel				39675	40620	40148	40957	41565	Tune-up limit (dBm)		MPR (dB)	
Frequency (MHz)				2438.5	2593	2545.8	2616.70	2697.5				
5	QPSK	1	0	22.40	22.42	22.33	22.47	22.48	23	0		
5	QPSK	1	12	22.48	22.44	22.47	22.51	22.51				
5	QPSK	1	24	22.28	22.31	22.35	22.37	22.31				
5	QPSK	12	0	22.27	22.32	22.3	22.23	22.28				
5	QPSK	12	7	22.38	22.38	22.29	22.28	22.27	23	0		
5	QPSK	12	13	22.25	22.35	22.34	22.31	22.24				
5	QPSK	25	0	22.18	22.17	22.22	22.15	22.18				
5	16QAM	1	0	22.27	22.25	22.24	22.34	22.35				
5	16QAM	1	12	22.28	22.27	22.32	22.32	22.28	23	0		
5	16QAM	1	24	22.25	22.15	22.14	22.19	22.21				
5	16QAM	12	0	22.33	22.25	22.22	22.29	22.28				
5	16QAM	12	7	22.35	22.36	22.33	22.27	22.32				
5	16QAM	12	13	22.25	22.19	22.19	22.23	22.21	23	0		
5	16QAM	25	0	22.27	22.24	22.28	22.22	22.31				
5	64QAM	1	0	22.27	22.32	22.29	22.3	22.34				
5	64QAM	1	12	22.23	22.25	22.32	22.22	22.27				
5	64QAM	1	24	22.29	22.25	22.34	22.38	22.33	22	1		
5	64QAM	12	0	21.34	21.34	21.34	21.27	21.34				
5	64QAM	12	7	21.23	21.25	21.28	21.25	21.24				
5	64QAM	12	13	21.28	21.32	21.32	21.28	21.35				
5	64QAM	25	0	21.25	21.21	21.27	21.22	21.28	Tune-up limit (dBm) MPR (dB)			

Band 41 Ant 0 (HPUE)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel												
Frequency (MHz)												
20	QPSK	1	0	39750	40185	40593	41055	41490	26	0		
20	QPSK	1	49	25.06	25.05	25.29	25.21	25.24				
20	QPSK	1	99	25.17	25.23	25.29	25.21	25.24				
20	QPSK	50	0	25.26	25.3	25.31	25.23	25.3				
20	QPSK	50	24	25.1	25.08	25.19	25.15	25.14	26	0		
20	QPSK	50	50	25.04	25.03	25.15	25.05	25.08				
20	QPSK	100	0	24.97	24.98	25.17	25.05	25.02				
20	QPSK	100	0	25.13	25.04	25.17	25.04	25.12				
20	16QAM	1	0	25.08	25.12	25.17	25.08	25.11	26	0		
20	16QAM	1	49	25.06	25.12	25.18	25.06	25.09				
20	16QAM	1	99	25.07	25.08	25.13	25.1	25.08				
20	16QAM	50	0	25.08	25.08	25.17	25.1	25.16				
20	16QAM	50	24	25.05	25.07	25.1	24.98	24.97	26	0		
20	16QAM	50	50	25.05	25.1	25.13	25.12	25.06				
20	16QAM	100	0	25.03	25.11	25.12	24.99	25.1				
20	64QAM	1	0	25.03	25.02	25.14	25.12	25.13				
20	64QAM	1	49	25.08	25.1	25.18	25.16	25.1	26	0		
20	64QAM	1	99	25.04	24.98	25.1	25	24.99				
20	64QAM	50	0	24.05	24.07	24.15	24.14	24.1				
20	64QAM	50	24	24.05	24.05	24.09	24.07	24.03				
20	64QAM	50	50	24.07	24.14	24.15	24.05	24.13	25	1		
20	64QAM	100	0	24.01	24.05	24.06	24.05	24.02				
Channel												
Frequency (MHz)												
15	QPSK	1	0	39725	40020	40473	40842.5	41215	26	0		
15	QPSK	1	37	25.02.5	25.03	25.03.5	25.15.5	25.16.5				
15	QPSK	1	74	25.17	25.20	25.28	25.24	25.13				
15	QPSK	1	111	25.23	25.26	25.29	25.2	25.24				
15	QPSK	36	0	25.23	25.16	25.18	25.15	25.26	26	0		
15	QPSK	36	0	25.12	25.11	25.10	25.09	25.16				
15	QPSK	36	20	25.14	25.08	25.13	25.1	25.10				
15	QPSK	36	39	25.08	24.97	24.99	25.02	24.98				
15	QPSK	75	0	25.04	25.11	25.12	25.15	25.06	26	0		
15	16QAM	1	0	25.13	25.15	25.16	25.14	25.16				
15	16QAM	1	37	25.09	25.14	25.12	25.09	25.13				
15	16QAM	1	74	25.12	25.04	25.02	25.09	25.12				
15	16QAM	36	0	25.05	25.04	25.14	25.14	25.10	26	0		
15	16QAM	36	20	25.09	25.02	25.08	25.02	25.08				
15	16QAM	36	39	25.11	25.02	25.01	25.03	25.02				
15	16QAM	75	0	24.99	25.11	25.01	25.11	24.99				
15	64QAM	1	0	25.13	25.10	25.11	25.08	25.10	26	0		
15	64QAM	1	37	25.03	25.03	25.17	25.16	25.16				
15	64QAM	1	74	25.02	25.02	25.03	25.03	25.00				
15	64QAM	36	0	24.11	24.09	24.05	24.01	24.10				
15	64QAM	36	20	24.00	24.04	24.01	24.05	24.07	25	1		
15	64QAM	36	39	24.12	24.06	24.01	24.09	24.05				
15	64QAM	75	0	24.00	24.05	23.97	23.99	24.03				
Channel												
Frequency (MHz)												
10	QPSK	1	0	39710	40620	40160	40850	41540	26	0		
10	QPSK	1	1	25.1	25.23	25.17	25.18	25.35				
10	QPSK	1	25	25.11	25.16	25.09	25.17	25.16				
10	QPSK	1	49	25.22	25.14	25.2	25.24	25.21				
10	QPSK	25	0	25.17	25.08	25.1	25.08	25.11	26	0		
10	QPSK	25	0	25.08	25.05	25.05	25.15	25.07				
10	QPSK	25	25	24.98	25.07	25.07	25.02	25.02				
10	QPSK	50	0	25.11	25.05	25.06	25.04	25.12				
10	16QAM	1	0	25.09	25.16	25.14	25.11	25.16	26	0		
10	16QAM	1	49	25.16	25.13	25.16	25.11	25.11				
10	16QAM	1	25	25.07	25.07	25.04	25.05	25.07				
10	16QAM	25	0	25.08	25.15	25.14	25.15	25.13				
10	16QAM	25	12	24.97	25.01	25.04	25.01	25.05	26	0		
10	16QAM	25	25	25.03	25.03	25.11	25.03	25.02				
10	16QAM	50	0	25.03	25.03	25.08	25.07	24.99				
10	16QAM	1	0	25.07	25.08	25.04	25.04	25.1				
10	64QAM	1	25	25.14	25.08	25.16	25.05	25.06	26	0		
10	64QAM	1	49	24.95	24.99	24.04	25.09	24.95				
10	64QAM	25	0	24.14	24.14	24.13	24.13	24.12				
10	64QAM	25	12	24.07	24.07	24.02	24.06	24.02				
10	64QAM	25	25	24.13	24.09	24.08	24.07	24.05	25	1		
10	64QAM	50	0	24.01	24.1	24.08	24.07	24.1				
Channel												
Frequency (MHz)												
5	QPSK	1	0	39715	40500	40500	41500	41500	26	0		
5	QPSK	1	1	25.17	25.93	25.45.8	26.16.70	26.87.5				
5	QPSK	1	24	25.23	25.17	25.18	25.24	25.16				
5	QPSK	12	0	25.17	25.07	25.17	25.07	25.06				
5	QPSK	12	7	25.09	25.09	25.16	25.07	25.08	26	0		
5	QPSK	12	13	24.08	25.05	25.06	24.08	25.06				
5	QPSK	25	0	25.13	25.14	25.16	25.10	25.08				
5	16QAM	1	0	25.11	25.16	25.12	25.08	25.15				
5	16QAM	1	1	25.17	25.05	25.16	25.13	25.06	26	0		
5	16QAM	1	24	25.04	25.01	25.05	25.09	25.02				
5	16QAM	12	0	25.05	25.05	24.99	25.07	25.04				
5	16QAM	12	7	25.09	25.09	24.99	24.99	25.06				
5	16QAM	12	13	25.10	25.00	25.03	25.00	25.09	26	0		
5	16QAM	25	0	24.99	25.04	25.03	25.08	25.05				
5	64QAM	1	0	25.11	25.10	25.08	25.07	25.05				
5	64QAM	1	1	25.14	25.04	25.15	25.06	25.13				
5	64QAM	1	24	24.98	25.08	24.99	24.95	24.97	25	1		
5	64QAM	12	0	24.08	24.05	24.06	24.07	24.08				
5	64QAM	12	7	24.07	24.00	23.99	23.99	24.04				
5	64QAM	12	13	24.09	24.13	24.08	24.08	24.05				
5	64QAM	25	0	24.02	23.97	24.05	24.04	24.00				

Full Power															
2CC															
Configure		CA Configuration (BCS)	PCC						SCC				Power		
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	25	Band 66	20M	2155	66886	24.14	24.17
		CA_5A-41A	Band 5	10M	836.5	20525	QPSK	1	25	Band 41	20M	2593	40620	23.80	23.86
Intra-Band	Non-Contiguous	CA_2A-2A	Band 2	20M	1880	18900	QPSK	1	49	Band 2	5M	1987.5	1175	24.32	24.50
		CA_4A-4A	Band 4	20M	20175	1732.5	QPSK	1	49	Band 4	5M	2152.5	2375	24.02	24.41
		CA_41A-41A	Band 41	20M	2593	40620	QPSK	1	49	Band 41	5M	2687.5	41565	24.07	24.49
		CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	49	Band 66	5M	2197.5	67311	24.00	24.48
	Contiguous	CA_66B	Band 66	15M	1745	132322	QPSK	1	37	Band 66	5M	2164.30	66979	23.77	24.48
		CA_66C	Band 66	20M	1745	132322	QPSK	1	49	Band 66	20M	2174.80	67084	23.83	24.48

Conducted Power

~~Bluetooth~~

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	6.90	4.50	4.50
	CH 39	2441	7.30	4.80	4.80
	CH 78	2480	7.40	5.10	5.10
Tune-up Limit			8.5	6.5	6.5

BLE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	-7.30	-7.20
	CH 19	2440	-5.90	-5.80
	CH 39	2480	-6.80	-6.70
Tune-up Limit			-4.00	-4.00

2.4GHz WLAN ANT 2			• Default Power Table, Standalone WLAN		• AI-Head Power Table, Standalone WLAN		• AI-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	18.10	19.50	17.30	18.50	14.80	16.00	18.10	19.50	16.20	17.50	16.20	17.50	100.00
	6	2437	18.50	19.50	17.60	18.50	15.10	16.00	18.50	19.50	16.60	17.50	16.60	17.50	
	11	2462	18.00	19.50	17.00	18.50	14.70	16.00	18.00	19.50	16.10	17.50	16.10	17.50	
802.11g 6Mbps	1	2412	16.80	18.00	Not Required	18.00	Not Required	16.00	16.80	18.00	Not Required	17.50	Not Required	17.50	100.00
	6	2437	17.10	18.00		18.00		16.00	17.10	18.00		17.50		17.50	
	11	2462	15.80	17.00		17.00		16.00	15.80	17.00		17.00		17.00	
802.11n-HT20 MCS0	1	2412	16.60	18.00		18.00		16.00	16.60	18.00		17.50		17.50	100.00
	6	2437	17.30	18.00		17.00		16.00	17.30	17.00		17.0		17.0	
	11	2462	16.00	17.00		17.00		16.00	16.00	17.00		17.00		17.00	
802.11n-HT40 MCS0	3	2422	16.00	17.00		17.00		16.00	16.00	17.00		17.00		17.00	100.00
	6	2437	16.50	17.00		17.00		16.00	16.50	17.00		17.00		17.00	
	9	2452	15.70	16.50		16.50		16.0	15.70	16.50		16.5		16.5	

5.2GHz WLAN ANT 3			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	17.35	19.00	Not Required	17.00	Not Required	14.00	17.35	19.00	Not Required	13.50	Not Required	13.50	100.00
	40	5200	17.32	19.00		17.00		14.00	17.32	19.00		13.50		13.50	
	44	5220	17.42	19.00		17.00		14.00	17.42	19.00		13.50		13.50	
	48	5240	17.53	19.00		17.00		14.00	17.53	19.00		13.50		13.50	
802.11n-HT20 MCS0	36	5180	17.23	19.00		17.00		14.00	17.23	19.00		13.50		13.50	100.00
	40	5200	17.17	19.00		17.00		14.00	17.17	19.00		13.50		13.50	
	44	5220	17.32	19.00		17.00		14.00	17.32	19.00		13.50		13.50	
	48	5240	17.74	19.00		17.00		14.00	17.74	19.00		13.50		13.50	
802.11n-HT40 MCS0	38	5190	16.25	18.00		17.00		14.00	16.25	18.00		13.50		13.50	100.00
	46	5230	16.35	18.00		17.00		14.00	16.35	18.00		13.50		13.50	
802.11ac-VHT20 MCS0	36	5180	17.16	19.00		17.00		14.00	17.16	19.00		13.50		13.50	100.00
	40	5200	17.13	19.00		17.00		14.00	17.13	19.00		13.50		13.50	
	44	5220	17.25	19.00		17.00		14.00	17.25	19.00		13.50		13.50	
	48	5240	17.67	19.00		17.00		14.00	17.67	19.00		13.50		13.50	
802.11ac-VHT40 MCS0	38	5190	16.16	18.00		17.00		14.00	16.16	18.00		13.50		13.50	100.00
	46	5230	16.26	18.00		17.00		14.00	16.26	18.00		13.50		13.50	
802.11ac-VHT80 MCS0	42	5210	16.21	17.50	15.85	17.00	12.33	14.00	16.21	17.50	12.33	13.50	12.33	13.50	100.00

5.3GHz WLAN ANT 3			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	17.72	19.00	Not Required	17.00	Not Required	14.00	17.72	19.00	Not Required	13.50	100.00
	56	5280	17.70	19.00		17.00		14.00	17.70	19.00		13.50	
	60	5300	17.92	19.00		17.00		14.00	17.92	19.00		13.50	
	64	5320	17.99	19.00		17.00		14.00	17.99	19.00		13.50	
802.11n-HT20 MCS0	52	5260	17.74	19.00		17.00		14.00	17.74	19.00		13.50	100.00
	56	5280	17.71	19.00		17.00		14.00	17.71	19.00		13.50	
	60	5300	17.87	19.00		17.00		14.00	17.87	19.00		13.50	
	64	5320	17.93	19.00		17.00		14.00	17.93	19.00		13.50	
802.11n-HT40 MCS0	54	5270	16.88	18.00		17.00		14.00	16.88	18.00		13.50	100.00
	62	5310	15.60	16.50		17.00		14.00	15.60	16.50		13.50	
	52	5260	17.67	19.00		17.00		14.00	17.67	19.00		13.50	
	56	5280	17.65	19.00		17.00		14.00	17.65	19.00		13.50	
802.11ac-VHT20 MCS0	60	5300	17.80	19.00		17.00		14.00	17.80	19.00		13.50	100.00
	64	5320	17.86	19.00		17.00		14.00	17.86	19.00		13.50	
	54	5270	16.79	18.00		17.00		14.00	16.79	18.00		13.50	
	62	5310	15.53	16.50		17.00		14.00	15.53	16.50		13.50	
802.11ac-VHT80 MCS0	58	5290	15.85	17.00	15.85	17.00	12.83	14.00	15.85	17.00	12.83	13.50	100.00

5.5GHz WLAN ANT 3			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	17.51	19.00	Not Required	17.00	Not Required	14.00	17.51	19.00	Not Required	13.50	100.00
	116	5580	18.02	19.00		17.00		14.00	18.02	19.00		13.50	
	132	5660	17.97	19.00		17.00		14.00	17.97	19.00		13.50	
	140	5700	15.87	17.00		17.00		14.00	15.87	17.00		13.50	
	144	5720	17.93	19.00		17.00		14.00	17.93	19.00		13.50	
802.11n-HT20 MCS0	100	5500	17.49	19.00		17.00		14.00	17.49	19.00		13.50	100.00
	116	5580	18.05	19.00		17.00		14.00	18.05	19.00		13.50	
	132	5660	17.99	19.00		17.00		14.00	17.99	19.00		13.50	
	140	5700	15.80	17.00		17.00		14.00	15.80	17.00		13.50	
	144	5720	17.58	19.00		17.00		14.00	17.58	19.00		13.50	
802.11n-HT40 MCS0	102	5510	15.17	16.50		16.50		14.00	15.17	16.50		13.50	100.00
	110	5550	16.68	18.00		17.00		14.00	16.68	18.00		13.50	
	134	5670	16.61	18.00		17.00		14.00	16.61	18.00		13.50	
	142	5710	16.57	18.00		17.00		14.00	16.57	18.00		13.50	
	100	5500	17.42	19.00		17.00		14.00	17.42	19.00		13.50	
802.11ac-VHT20 MCS0	116	5580	17.98	19.00		17.00		14.00	17.98	19.00		13.50	100.00
	132	5660	17.92	19.00		17.00		14.00	17.92	19.00		13.50	
	140	5700	15.75	17.00		17.00		14.00	15.75	17.00		13.50	
	144	5720	17.51	19.00		17.00		14.00	17.51	19.00		13.50	
802.11ac-VHT40 MCS0	102	5510	15.12	16.50		16.50		14.00	15.12	16.50		13.50	100.00
	110	5550	16.59	18.00		17.00		14.00	16.59	18.00		13.50	
	134	5670	16.52	18.00		17.00		14.00	16.52	18.00		13.50	
	142	5710	16.48	18.00		17.00		14.00	16.48	18.00		13.50	
802.11ac-VHT80 MCS0	106	5530	15.37	16.50	15.37	16.50	12.68	14.00	15.37	16.50	12.68	13.50	100.00
	138	5690	16.56	17.50	16.05	17.00	12.69	14.00	16.56	17.50	12.69	13.50	

5.8GHz WLAN ANT 3			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	18.01	19.00	Not Required	17.00	Not Required	14.00	18.01	19.00	Not Required	13.50	Not Required	13.50	100.00
	157	5785	17.87	19.00		17.00		14.00	17.87	19.00		13.50		13.50	
	165	5825	17.65	19.00		17.00		14.00	17.65	19.00		13.50		13.50	
802.11n-HT20 MCS0	149	5745	17.28	19.00		17.00		14.00	17.28	19.00		13.50		13.50	100.00
	157	5785	17.26	19.00		17.00		14.00	17.26	19.00		13.50		13.50	
	165	5825	17.13	19.00		17.00		14.00	17.13	19.00		13.50		13.50	
802.11n-HT40 MCS0	151	5755	16.56	18.00		17.00		14.00	16.56	18.00		13.50		13.50	100.00
	159	5795	16.37	18.00		17.00		14.00	16.37	18.00		13.50		13.50	
	149	5745	17.21	19.00		17.00		14.00	17.21	19.00		13.50		13.50	
802.11ac-VHT20 MCS0	157	5785	17.19	19.00		17.00		14.00	17.19	19.00		13.50		13.50	100.00
	165	5825	17.06	19.00		17.00		14.00	17.06	19.00		13.50		13.50	
	151	5755	16.47	18.00		17.00	14.00	16.47	18.00	13.50	13.50				
802.11ac-VHT40 MCS0	159	5795	16.28	18.00	17.00	14.00	16.28	18.00	13.50	13.50	100.00				
	155	5775	16.43	17.50	16.05	17.00	12.58	16.43	17.50	12.58		13.50	12.58	13.50	100.00