

Full&Default Power Mode

<GSM Power State1>

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	169	251		128	169	251	
TX Channel	824.2	836.4	848.6	824.2	836.4	848.6		
Frequency (MHz)	32.72	32.53	32.32	33.30	33.16	33.02	24.50	
GSM 1 Tx slot	32.77	32.41	32.80	33.30	33.77	23.41	23.80	24.30
GPRS 2 Tx slots	29.12	29.15	29.32	30.50	23.12	23.15	23.32	24.50
GPRS 3 Tx slots	28.05	28.04	28.12	28.50	23.83	23.78	23.86	24.24
GPRS 4 Tx slots	28.84	28.91	28.83	27.50	23.84	23.91	23.83	24.50
EDGE 1 Tx slot	27.17	27.32	27.52	28.00	18.17	18.32	18.52	19.00
EDGE 2 Tx slots	23.54	23.55	23.56	24.50	17.54	17.55	17.56	18.50
EDGE 3 Tx slots	22.51	22.55	22.54	23.50	18.25	18.29	18.28	19.24
EDGE 4 Tx slots	21.42	21.33	21.34	22.50	18.42	18.33	18.34	19.50

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	651	810		512	651	810	
TX Channel	1850.2	1850	1850.8	1850.2	1850	1850.8		
Frequency (MHz)	1850.2	1850	1850.8	1850.2	1850	1850.8		
GSM 1 Tx slot	29.95	30.01	29.99	30.70	20.95	21.01	20.99	21.70
GPRS 1 Tx slot	26.65	29.99	29.73	30.70	20.65	20.99	20.73	21.70
GPRS 2 Tx slots	26.66	27.15	27.33	28.00	20.66	21.15	21.33	22.00
GPRS 3 Tx slots	23.52	26.05	26.18	27.00	21.26	21.79	21.92	22.74
GPRS 4 Tx slots	24.57	24.91	25.02	26.00	21.57	21.91	22.02	23.00
EDGE 1 Tx slot	26.67	26.88	26.92	28.00	17.67	17.88	17.92	19.00
EDGE 2 Tx slots	23.52	23.66	23.88	24.50	17.52	17.66	17.88	18.50
EDGE 3 Tx slots	22.44	22.78	22.81	23.50	18.18	18.52	18.55	19.24
EDGE 4 Tx slots	21.45	21.63	21.91	22.50	18.45	18.63	18.91	19.50

<WCDMA State1>

Band	WCDMA I_Ant 1				WCDMA IV_Ant 1				WCDMA V_Ant 0				
	TX Channel	9662	9600	9638	Time-up Limit (dBm)	1312	1413	1513	Time-up Limit (dBm)	4132	4182	4233	Time-up Limit (dBm)
Rx Channel		9662	9600	9638		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1886	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.35	23.30	23.04	24.00	22.79	22.81	22.78	24.00	22.68	22.80	22.91	24.00
3GPP Rel 99	AMR 12.2Kbps	23.31	23.37	23.08	24.00	22.80	22.83	22.79	24.00	22.69	22.92	22.82	24.00
3GPP Rel 6	HSDPA Subtest-1	22.31	22.30	22.07	23.00	21.77	21.82	21.72	22.50	21.63	21.77	21.84	23.50
3GPP Rel 6	HSDPA Subtest-2	22.29	22.21	22.07	23.00	21.70	21.74	21.66	22.50	21.56	21.66	21.73	23.50
3GPP Rel 6	HSDPA Subtest-3	21.81	21.73	21.53	22.50	21.16	21.29	21.20	22.00	21.01	21.13	21.25	23.00
3GPP Rel 6	HSDPA Subtest-4	21.82	21.77	21.58	22.50	21.18	21.26	21.14	22.00	21.07	21.18	21.22	23.00
3GPP Rel 6	DC-HSDPA Subtest-1	22.19	22.20	22.07	23.00	21.66	21.67	21.66	22.50	21.53	21.73	21.77	23.50
3GPP Rel 6	DC-HSDPA Subtest-2	22.22	22.15	22.05	23.00	21.56	21.70	21.55	22.50	21.45	21.61	21.58	23.50
3GPP Rel 6	DC-HSDPA Subtest-3	21.72	21.60	21.52	22.50	21.08	21.17	21.19	22.00	20.88	21.00	21.21	23.00
3GPP Rel 6	DC-HSDPA Subtest-4	21.75	21.70	21.58	22.50	21.05	21.16	21.04	22.00	20.97	21.03	21.12	23.00
3GPP Rel 6	HSUPA Subtest-1	20.39	20.41	20.16	21.50	19.77	19.80	19.75	20.50	19.57	19.72	19.86	21.50
3GPP Rel 6	HSUPA Subtest-2	20.40	20.31	20.11	21.50	19.77	19.81	19.82	20.50	19.60	19.72	19.85	21.50
3GPP Rel 6	HSUPA Subtest-3	21.39	21.38	21.10	22.50	20.79	20.86	20.73	21.50	20.65	20.74	20.81	22.50
3GPP Rel 6	HSUPA Subtest-4	19.93	19.83	19.62	21.00	19.31	19.35	19.26	20.50	19.11	19.22	19.39	21.00
3GPP Rel 6	HSUPA Subtest-5	21.30	21.30	21.00	22.50	20.70	20.80	20.70	21.50	20.60	20.70	20.70	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.79	21.68	21.56	22.50	21.68	21.74	21.58	22.50	21.61	21.67	21.80	22.50

Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 18700	Power Middle Ch. Freq. 18800	Power High Ch. Freq. 19100	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								
20	QPSK	1	0	23.67	23.74	23.54	25	0
20	QPSK	1	49	23.76	23.92	23.72		
20	QPSK	1	99	23.59	23.43	23.41		
20	QPSK	50	0	22.83	23.03	22.78	24	1
20	QPSK	50	24	22.80	23.03	22.68		
20	QPSK	50	50	22.73	22.84	22.52		
20	16QAM	1	0	23.04	23.00	22.77	24	1
20	16QAM	1	49	23.07	23.15	23.01		
20	16QAM	1	99	22.83	22.73	22.65		
20	16QAM	50	0	21.81	21.90	21.71	23	2
20	16QAM	50	24	21.89	21.80	21.68		
20	16QAM	50	50	21.84	21.72	21.51		
20	16QAM	100	0	21.83	21.77	21.61	23	2
20	64QAM	1	0	21.85	21.85	21.70		
20	64QAM	1	49	22.06	21.99	21.90		
20	64QAM	1	99	21.74	21.64	21.60	22	3
20	64QAM	50	0	20.86	21.05	20.76		
20	64QAM	50	24	21.05	20.87	20.70		
20	64QAM	50	50	20.83	20.76	20.53	22	3
20	64QAM	100	0	20.84	20.84	20.64		
Channel Frequency (MHz)								
15	QPSK	1	0	18.675	18.900	19.125	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	23.65	23.61	23.54	25	0
15	QPSK	1	37	23.62	23.89	23.67		
15	QPSK	1	74	23.44	23.37	23.37		
15	QPSK	36	0	22.75	22.87	22.67	24	1
15	QPSK	36	20	22.67	22.83	22.58		
15	QPSK	36	36	22.71	22.78	22.50		
15	QPSK	75	0	22.78	22.78	22.54	24	1
15	QPSK	1	0	22.80	22.88	22.70		
15	QPSK	1	74	22.70	22.84	22.54		
15	16QAM	1	0	21.81	21.88	21.58	23	2
15	16QAM	1	26	21.77	21.88	21.68		
15	16QAM	36	0	21.70	21.59	21.50		
15	16QAM	75	0	21.70	21.62	21.46	23	2
15	64QAM	1	0	21.83	21.83	21.60		
15	64QAM	1	37	21.99	21.99	21.77	23	2
15	64QAM	1	74	21.65	21.55	21.50		
15	64QAM	36	0	20.78	20.84	20.61	22	3
15	64QAM	36	20	20.86	20.84	20.65		
15	64QAM	36	36	20.80	20.74	20.39		
15	64QAM	75	0	20.79	20.72	20.63		
Channel Frequency (MHz)								
10	QPSK	1	0	23.56	23.65	23.42	25	0
10	QPSK	1	26	23.68	23.89	23.60		
10	QPSK	1	49	23.45	23.43	23.34		
10	QPSK	25	0	22.79	22.87	22.72	24	1
10	QPSK	25	12	22.80	23.03	22.50		
10	QPSK	25	26	22.71	22.77	22.38		
10	QPSK	50	0	22.67	22.77	22.54		
10	16QAM	1	0	22.87	23.03	22.74	24	1
10	16QAM	1	26	23.00	23.14	23.01		
10	16QAM	1	49	22.73	22.79	22.51		
10	16QAM	25	0	21.71	21.84	21.68	23	2
10	16QAM	25	12	21.78	21.76	21.53		
10	16QAM	25	26	21.75	21.59	21.51		
10	16QAM	50	0	21.70	21.74	21.48	23	2
10	64QAM	1	0	21.76	21.77	21.67		
10	64QAM	1	26	21.81	21.82	21.75		
10	64QAM	1	49	21.73	21.49	21.56		
10	64QAM	25	0	20.83	20.83	20.73	22	3
10	64QAM	25	12	21.01	20.77	20.56		
10	64QAM	25	26	20.72	20.66	20.51		
10	64QAM	50	0	20.84	20.79	20.49		
Channel Frequency (MHz)								
5	QPSK	1	0	23.625	23.72	23.39	25	0
5	QPSK	1	12	23.75	23.84	23.37		
5	QPSK	1	24	23.51	23.42	23.40		
5	QPSK	12	0	22.77	22.87	22.69	24	1
5	QPSK	12	7	22.72	22.88	22.55		
5	QPSK	12	13	22.68	22.68	22.37		
5	QPSK	25	0	22.74	22.84	22.49		
5	16QAM	1	0	22.85	23.07	22.65	24	1
5	16QAM	1	12	23.07	23.15	22.79		
5	16QAM	1	24	22.71	22.82	22.61		
5	16QAM	12	0	21.72	21.90	21.70		
5	16QAM	12	7	21.69	21.62	21.65	23	2
5	16QAM	12	13	21.74	21.70	21.25		
5	16QAM	25	0	21.69	21.64	21.39		
5	64QAM	1	15	21.77	21.68	21.54	23	2
5	64QAM	1	12	21.95	21.99	21.90		
5	64QAM	1	24	21.64	21.61	21.49	22	3
5	64QAM	12	0	20.82	21.02	20.63		
5	64QAM	12	7	21.02	20.85	20.62		
5	64QAM	12	13	20.74	20.75	20.39		
5	64QAM	25	0	20.88	20.83	20.58		
Channel Frequency (MHz)								
3	QPSK	1	0	23.53	23.65	23.40	25	0
3	QPSK	1	8	23.62	23.77	23.70		
3	QPSK	1	14	23.52	23.31	23.28		
3	QPSK	8	0	22.75	22.82	22.70	24	1
3	QPSK	8	4	22.66	22.80	22.54		
3	QPSK	8	8	22.71	22.77	22.36		
3	QPSK	15	0	22.71	22.81	22.51	24	1
3	16QAM	1	0	23.04	23.07	22.74		
3	16QAM	1	8	23.02	23.03	22.79		
3	16QAM	1	14	22.61	22.79	22.58		
3	16QAM	8	0	21.20	21.79	21.66	23	2
3	16QAM	8	4	21.82	21.67	21.53		
3	16QAM	8	7	21.71	21.61	21.48		
3	16QAM	15	0	21.68	21.69	21.46		
3	64QAM	1	0	21.75	21.78	21.59	23	2
3	64QAM	1	8	21.93	21.85	21.75		
3	64QAM	1	14	21.69	21.54	21.58		
3	64QAM	8	0	20.77	20.87	20.71		
3	64QAM	8	4	21.05	20.73	20.65	22	3
3	64QAM	8	7	20.81	20.82	20.52		
3	64QAM	15	0	20.79	20.71	20.52		
Channel Frequency (MHz)								
1.4	QPSK	1	0	23.62	23.59	23.42	25	0
1.4	QPSK	1	3	23.70	23.31	23.58		
1.4	QPSK	1	6	23.52	23.43	23.30		
1.4	QPSK	3	0	23.50	23.54	23.39	24	1
1.4	QPSK	3	3	23.59	23.86	23.44		
1.4	QPSK	3	3	23.45	23.33	23.30		
1.4	QPSK	6	0	22.80	22.77	22.63	24	1
1.4	16QAM	1	0	22.62	23.07	22.64		
1.4	16QAM	1	3	23.03	23.06	22.76		
1.4	16QAM	1	5	22.70	22.75	22.53		
1.4	16QAM	3	0	22.75	23.04	22.64	24	1
1.4	16QAM	3	1	23.02	23.02	22.75		
1.4	16QAM	3	3	22.70	22.67	22.38		
1.4	16QAM	6	0	21.77	21.74	21.46		
1.4	64QAM	1	0	21.82	21.82	21.59	23	2
1.4	64QAM	1	3	21.97	21.88	21.58		
1.4	64QAM	1	5	21.71	21.80	21.55		
1.4	64QAM	3	0	21.82	21.69	21.48		
1.4	64QAM	3	1	21.94	21.77	21.63	22	3
1.4	64QAM	3	3	21.70	21.85	21.47		
1.4	64QAM	6	0	20.87	20.76	20.54	22	3

Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 20050</
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Band 5_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 20450	Power Middle Ch. Freq. 20500	Power High Ch. Freq. 20550	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				125	136.5	144		
10	QPSK	1	0	23.65	23.71	23.83		
10	QPSK	1	25	23.80	23.84	23.83	25	0
10	QPSK	1	40	23.66	23.70	23.53		
10	QPSK	25	0	22.75	22.87	22.81		
10	QPSK	25	12	22.83	23.00	22.82	24	1
10	QPSK	25	25	22.82	22.84	22.63		
10	QPSK	50	0	22.81	22.87	22.73		
10	16QAM	1	0	23.07	23.02	22.83		
10	16QAM	1	25	23.06	23.07	23.03	24	1
10	16QAM	1	40	23.03	23.01	22.74		
10	16QAM	25	0	21.80	21.87	21.86		
10	16QAM	25	12	21.84	21.83	21.83		
10	16QAM	25	25	21.84	21.86	21.67	23	2
10	16QAM	50	0	21.80	21.84	21.76		
10	64QAM	1	0	21.57	21.58	21.56		
10	64QAM	1	25	22.05	22.06	22.06	23	2
10	64QAM	1	40	21.52	21.55	21.78		
10	64QAM	25	0	20.77	20.85	20.85		
10	64QAM	25	12	20.82	20.86	20.86		
10	64QAM	25	25	20.81	20.85	20.67	22	3
10	64QAM	50	0	20.80	20.85	20.75		
Channel								
Frequency (MHz)				20425	20525	20525	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	23.51	23.55	23.59		
5	QPSK	1	12	23.70	23.81	23.78	25	0
5	QPSK	1	24	23.51	23.63	23.51		
5	QPSK	12	0	22.73	22.87	22.78		
5	QPSK	12	7	22.74	22.79	22.77	24	1
5	QPSK	12	13	22.68	22.83	22.80		
5	QPSK	25	0	22.66	22.86	22.81		
5	16QAM	1	0	22.83	23.03	22.79		
5	16QAM	1	12	23.05	23.03	23.08	24	1
5	16QAM	1	24	22.78	22.77	22.73		
5	16QAM	12	0	21.78	21.83	21.86		
5	16QAM	12	7	21.75	21.69	21.69	23	2
5	16QAM	12	13	21.83	21.71	21.56		
5	16QAM	25	0	21.73	21.83	21.74		
5	64QAM	1	0	21.91	21.97	21.73		
5	64QAM	1	12	22.05	22.03	22.01	23	2
5	64QAM	1	24	21.87	21.80	21.70		
5	64QAM	12	0	20.68	20.83	20.74		
5	64QAM	12	7	20.77	20.78	20.78	22	3
5	64QAM	12	13	20.66	20.73	20.60		
5	64QAM	25	0	20.69	20.78	20.63		
Channel								
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	23.60	23.63	23.50		
3	QPSK	1	8	23.78	23.77	23.77	25	0
3	QPSK	1	14	23.57	23.58	23.49		
3	QPSK	8	0	22.77	22.87	22.77		
3	QPSK	8	4	22.74	22.85	22.74	24	1
3	QPSK	8	7	22.80	22.71	22.48		
3	QPSK	15	0	22.67	22.73	22.66		
3	16QAM	1	0	22.89	23.02	22.75		
3	16QAM	1	8	23.05	23.03	23.02	24	1
3	16QAM	1	14	22.86	22.89	22.85		
3	16QAM	8	0	21.66	21.72	21.78		
3	16QAM	8	4	21.73	21.77	21.83	23	2
3	16QAM	8	7	21.70	21.68	21.68		
3	16QAM	15	0	21.71	21.72	21.68		
3	64QAM	1	0	21.87	21.94	21.83		
3	64QAM	1	8	21.86	22.01	21.85	23	2
3	64QAM	1	14	21.87	21.85	21.66		
3	64QAM	8	0	20.75	20.71	20.78		
3	64QAM	8	4	20.68	20.76	20.82	22	3
3	64QAM	8	7	20.66	20.79	20.57		
3	64QAM	15	0	20.66	20.72	20.70		
Channel								
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	23.64	23.60	23.29		
1.4	QPSK	1	3	23.66	23.78	23.69	25	0
1.4	QPSK	1	5	23.51	23.55	23.51		
1.4	QPSK	3	0	23.53	23.55	23.52		
1.4	QPSK	3	1	23.56	23.72	23.64		
1.4	QPSK	3	3	23.45	23.52	23.47		
1.4	QPSK	6	0	22.75	22.86	22.71	24	1
1.4	16QAM	1	0	23.08	23.05	22.79		
1.4	16QAM	1	3	23.06	23.09	23.03		
1.4	16QAM	1	5	22.80	22.89	22.82	24	1
1.4	16QAM	3	0	22.89	23.03	22.68		
1.4	16QAM	3	1	23.03	22.85	22.80		
1.4	16QAM	3	3	22.75	22.85	22.57		
1.4	16QAM	6	0	21.65	21.70	21.63	23	2
1.4	64QAM	1	0	21.85	21.80	21.77		
1.4	64QAM	1	3	22.03	21.99	22.01		
1.4	64QAM	1	5	21.78	21.87	21.71	23	2
1.4	64QAM	3	0	21.85	21.83	21.67		
1.4	64QAM	3	1	22.01	21.98	21.94		
1.4	64QAM	3	3	21.72	21.74	21.61		
1.4	64QAM	6	0	20.76	20.81	20.70	22	3

Band 7_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 20850	Power Middle Ch. Freq. 21100	Power High Ch. Freq. 21350	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				21010	21100	21350		
20	QPSK	1	0	22.60	22.77	22.70		
20	QPSK	1	40	23.04	23.14	23.11	24	0
20	QPSK	1	90	22.72	23.00	23.03		
20	QPSK	50	0	21.89	22.07	22.05		
20	QPSK	50	24	22.00	22.14	22.10	23	1
20	QPSK	50	50	21.95	22.10	22.07		
20	QPSK	100	0	21.92	22.05	22.02		
20	16QAM	1	0	21.83	21.97	21.96		
20	16QAM	1	40	22.22	22.37	22.33	23	1
20	16QAM	1	90	21.90	22.15	22.17		
20	16QAM	50	0	20.88	21.07	21.07		
20	16QAM	50	24	21.01	21.14	21.11	22	2
20	16QAM	50	50	21.03	21.13	21.06		
20	16QAM	100	0	21.02	21.08	21.05		
20	64QAM	1	0	20.84	21.04	21.03		
20	64QAM	1	40	21.22	21.33	21.30	22	2
20	64QAM	1	90	21.01	21.11	21.15		
20	64QAM	50	0	19.80	20.07	20.05		
20	64QAM	50	24	20.03	20.11	20.11	21	3
20	64QAM	50	50	19.97	20.10	20.05		
20	64QAM	100	0	19.91	20.05	20.05		
Channel								
Frequency (MHz)				20925 <th>21100<th>21375</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	21100 <th>21375</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	21375	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.53	22.72	22.65		
15	QPSK	1	37	23.04	23.02	23.11	24	0
15	QPSK	1	74	22.63	22.85	22.83		
15	QPSK	36	0	21.88	21.95	22.02		
15	QPSK	36	20	21.88	22.10	22.03	23	1
15	QPSK	36	36	21.85	21.96	21.92		
15	QPSK	75	0	21.90	22.05	21.99		
15	16QAM	1	0	21.78	21.92	21.87		
15	16QAM	1	37	22.50	22.29	22.25	23	1
15	16QAM	1	74	21.90	22.12	22.06		
15	16QAM	36	0	20.85	21.03	21.03		
15	16QAM	36	20	21.00	21.08	21.08	22	2
15	16QAM	36	36	20.84	21.12	21.05		
15	16QAM	75	0	20.84	21.03	21.08		
15	64QAM	1	0	20.72	20.82	20.78		
15	64QAM	1	37	21.15	21.19	21.20	22	2
15	64QAM	1	74	20.87	21.10	21.07		
15	64QAM	36	0	19.75	20.04	19.91		
15	64QAM	36	20	19.90	19.97	20.00	21	3
15	64QAM	36	36	19.89	19.95	19.92		
15	64QAM	75	0	19.82	19.97	19.88		
Channel								
Frequency (MHz)				20925 <th>21100<th>21400</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	21100 <th>21400</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	21400	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.58	22.68	22.65		
10	QPSK	1	25	23.02	23.10	23.08	24	0
10	QPSK	1	40	22.72	22.89	22.85		
10	QPSK	25	0	21.77	21.94	21.92		
10	QPSK	25	12	21.90	22.05	22.07	23	1
10	QPSK	25	25	21.95	22.06	21.95		
10	QPSK	50	0	21.91	21.99	21.92		
10	16QAM	1	0	21.69	21.90	21.91	23	1
10	16QAM	1	25	22.18	22.34	22.29		
10	16QAM	1	40	21.89	22.12	22.06		
10	16QAM	25	0	20.88	21.07	21.05		
10	16QAM	25	12	21.01	21.12	21.01	22	2
10	16QAM	25	25	20.79	21.06	21.07		
10	16QAM	50	0	20.81	21.02	21.02		
10	64QAM	1	0	20.84	21.03	20.89		
10	64QAM	1	25	21.19	21.31	21.30	22	2
10	64QAM	1	40	20.86	21.08	21.00		
10	64QAM	25	0	19.87	20.00	20.04		
10	64QAM	25	12	19.88	19.96	20.05	21	3
10	64QAM	25	25	19.97	20.10	20.01		
10	64QAM	50	0	19.84	19.94	19.94		
Channel								
Frequency (MHz)				20925 <th>21100<th>21425</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	21100 <th>21425</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	21425	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.63	22.63	22.68		
5	QPSK	1	12	23.03	23.08	23.01	24	0
5	QPSK	1	24	22.69	22.89	22.90		
5	QPSK	12	0	21.85	22.07	21.92		
5	QPSK	12	7	21.83	21.99	22.10	23	1
5	QPSK	12	13	21.84	22.10	21.87		
5	QPSK	25	0	21.79	22.03	21.96		
5	16QAM	1	0	21.72	21.82	21.91	23	1
5	16QAM	1	12	22.18	22.25	22.24		
5	16QAM	1	24	21.87	22.08	22.10		
5	16QAM	12	0	20.82	21.01	21.07		
5	16QAM	12	7	21.01	21.07	21.08	22	2
5	16QAM	12	13	20.79	21.01	21.08		
5	16QAM	25	0	20.86	21.08	21.00		
5	64QAM	1	0	20.80	21.00	20.80		
5	64QAM	1	12	21.09	21.22	21.20	22	2
5	64QAM	25	0	20.76	21.01	21.10		
5	64QAM	12	0	19.83	20.03	19.99		
5	64QAM	12	7	19.92	20.02	20.09	21	3
5	64QAM	12	13	19.84	20.06	19.94		
5	64QAM	25	0	19.80	20.05	20.02		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23060	Power Middle Ch. / Freq. 23095	Power High Ch. / Freq. 23130	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency [MHz]								
10	QPSK	1	0	23.91	23.94	23.92	25	0
10	QPSK	1	26	24.10	24.12	24.09		
10	QPSK	1	49	23.97	24.04	23.99	24	1
10	QPSK	25	0	23.09	23.05	23.13		
10	QPSK	25	12	23.12	23.14	23.12	24	1
10	QPSK	25	25	23.04	23.10	23.03		
10	QPSK	50	0	23.05	23.11	23.07	24	1
10	16QAM	1	0	23.20	23.12	23.07		
10	16QAM	1	26	23.32	23.31	23.33	24	1
10	16QAM	1	49	23.20	23.20	23.21		
10	16QAM	25	0	22.01	22.03	22.11	23	2
10	16QAM	25	12	22.06	22.06	22.11		
10	16QAM	25	25	22.10	22.01	22.05	23	2
10	16QAM	50	0	22.04	22.02	22.11		
10	64QAM	12	0	22.16	22.12	22.08	23	2
10	64QAM	1	26	22.31	22.29	22.30		
10	64QAM	1	49	22.22	22.17	22.20	22	3
10	64QAM	25	0	21.03	21.05	21.15		
10	64QAM	25	12	21.13	21.14	21.15	22	3
10	64QAM	25	25	21.13	21.04	21.08		
10	64QAM	50	0	21.07	21.06	21.13	23	2
Channel								
Frequency [MHz]							Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	23.91	23.93	23.83	25	0
5	QPSK	1	12	24.08	24.08	23.99		
5	QPSK	1	24	23.86	23.92	23.92	24	1
5	QPSK	12	0	22.84	23.01	23.13		
5	QPSK	12	7	23.04	23.00	23.00	24	1
5	QPSK	12	13	23.05	23.05	23.05		
5	QPSK	25	0	23.00	23.02	23.02	23	2
5	16QAM	1	0	23.19	23.07	23.08		
5	16QAM	1	24	23.28	23.25	23.29	24	1
5	16QAM	12	0	22.01	21.88	21.96		
5	16QAM	12	7	21.95	21.93	22.01	23	2
5	16QAM	12	13	22.01	21.87	21.87		
5	16QAM	25	0	21.97	21.86	22.02	23	2
5	64QAM	1	0	22.12	22.04	22.07		
5	64QAM	1	12	22.21	22.22	22.17	23	2
5	64QAM	1	24	22.20	22.05	22.10		
5	64QAM	12	0	21.03	21.06	21.02	22	3
5	64QAM	12	7	21.05	21.06	21.01		
5	64QAM	12	13	21.02	21.06	21.07	22	3
5	64QAM	25	0	21.03	21.08	21.07		
Channel								
Frequency [MHz]							Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	23.82	23.93	23.78	25	0
3	QPSK	1	8	24.00	24.07	24.08		
3	QPSK	1	14	23.85	23.97	23.90	24	1
3	QPSK	8	0	23.06	23.02	23.07		
3	QPSK	8	4	23.08	23.04	23.01	24	1
3	QPSK	8	7	23.08	23.10	23.08		
3	QPSK	15	0	23.05	23.07	23.07	23	2
3	16QAM	1	0	23.05	23.00	23.09		
3	16QAM	1	8	23.29	23.24	23.22	24	1
3	16QAM	1	14	23.14	23.10	23.07		
3	16QAM	8	0	21.88	21.90	21.87	23	2
3	16QAM	8	4	21.99	21.89	21.98		
3	16QAM	8	7	22.01	21.89	21.95	23	2
3	16QAM	15	0	21.98	21.94	21.99		
3	64QAM	1	0	22.16	22.00	22.02	23	2
3	64QAM	1	8	22.24	22.20	22.24		
3	64QAM	1	14	22.11	22.11	22.10	22	3
3	64QAM	8	0	21.09	21.05	21.07		
3	64QAM	8	4	21.12	21.02	21.02	22	3
3	64QAM	8	7	21.04	21.05	21.03		
3	64QAM	15	0	21.04	21.05	21.09	22	3
Channel								
Frequency [MHz]							Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	23.83	23.92	23.87	25	0
1.4	QPSK	1	3	24.02	24.04	24.05		
1.4	QPSK	1	5	23.97	23.90	23.96	24	1
1.4	QPSK	3	0	23.09	23.08	23.81		
1.4	QPSK	3	1	23.93	23.97	23.97	24	1
1.4	QPSK	3	3	23.92	23.78	23.95		
1.4	QPSK	6	0	23.04	23.07	23.04	24	1
1.4	16QAM	1	0	23.19	23.12	23.04		
1.4	16QAM	1	3	23.24	23.19	23.24	24	1
1.4	16QAM	1	5	23.05	23.08	23.09		
1.4	16QAM	3	0	23.12	23.09	23.05	24	1
1.4	16QAM	3	3	23.18	23.19	23.22		
1.4	16QAM	3	3	23.04	23.03	23.01	23	2
1.4	16QAM	6	0	21.95	21.88	22.10		
1.4	64QAM	1	0	22.01	22.02	21.96	23	2
1.4	64QAM	1	3	22.18	22.23	22.22		
1.4	64QAM	1	5	22.08	22.17	22.14	23	2
1.4	64QAM	3	0	21.93	21.96	21.84		
1.4	64QAM	3	1	22.06	22.10	22.21	22	3
1.4	64QAM	3	3	22.06	22.11	22.04		
1.4	64QAM	6	0	21.95	21.93	21.99	22	3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23200	Power Middle Ch. / Freq. 23265	Power High Ch. / Freq. 23330	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency [MHz]								
10	QPSK	1	0		24.05		25	0
10	QPSK	1	25		24.24			
10	QPSK	1	49		23.99		24	1
10	QPSK	25	0		23.19			
10	QPSK	25	12		23.43		24	1
10	QPSK	25	25		23.22			
10	QPSK	50	0		23.32		23	2
10	16QAM	1	0		23.33			
10	16QAM	1	25		23.50		24	1
10	16QAM	1	49		23.35			
10	16QAM	25	0		22.18		23	2
10	16QAM	25	12		22.23			
10	16QAM	25	25		22.43		23	2
10	16QAM	50	0		22.32			
10	64QAM	1	0		22.28		23	2
10	64QAM	1	25		22.42			
10	64QAM	1	49		22.22		22	3
10	64QAM	25	0		21.18			
10	64QAM	25	12		21.30		22	3
10	64QAM	25	25		21.44			
10	64QAM	50	0		21.30			
Channel								
Frequency [MHz]							Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	23.93	23.98	23.94		
5	QPSK	1	12	24.21	24.23	24.17		
5	QPSK	1	24	23.97	23.99	23.98	24	1
5	QPSK	12	0	22.87	23.19	23.05		
5	QPSK	12	7	23.20	23.28	23.19	24	1
5	QPSK	12	13	23.05	23.20	23.15		
5	QPSK	25	0	23.06	23.32	23.13	24	1
5	16QAM	1	0	23.22	23.27	23.30		
5	16QAM	1	12	23.43	23.38	23.48	23	2
5	16QAM	1	24	23.28	23.32	23.16		
5	16QAM	12	0	21.86	22.26	22.02	23	2
5	16QAM	12	0	22.17	22.28	22.19		
5	16QAM	12	13	22.04	22.29	22.21	23	2
5	16QAM	25	0	21.96	22.31	22.14		
5	64QAM	1	0	22.15	22.19	22.19	23	2
5	64QAM	1	12	22.40	22.40	22.41		
5	64QAM	1	24	22.20	22.21	22.05	22	3
5	64QAM	12	0	20.85	21.30	21.04		
5	64QAM	12	7	21.22	21.31	21.22	22	3
5	64QAM	12	13	21.09	21.31	21.27		
5	64QAM	25	0	21.04	21.31	21.13		

Band 25_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power		Power	Power	Tune-up limit (dBm)	MPR (dB)		
				Low Ch / Freq 26140	Midle Ch / Freq 26340					High Ch / Freq 26540	
Channel											
Frequency (MHz)											
20	QPSK	1	0	23.76	23.62	23.63	25	0			
20	QPSK	1	49	23.97	24.01	23.85					
20	QPSK	1	99	23.60	23.68	23.51					
20	QPSK	50	0	23.08	23.02	23.02	24	1			
20	QPSK	50	24	23.06	23.07	22.85					
20	QPSK	100	0	23.00	23.03	22.67					
20	16QAM	1	0	23.04	23.05	22.81	24	1			
20	16QAM	1	0	23.02	23.05	22.81					
20	16QAM	1	49	23.23	23.17	22.97					
20	16QAM	1	99	23.02	22.83	22.71	23	2			
20	16QAM	50	0	21.95	22.01	21.89					
20	16QAM	50	24	21.98	21.96	21.81					
20	16QAM	50	50	21.95	21.88	21.70	23	2			
20	16QAM	100	0	21.92	21.94	21.82					
20	64QAM	1	0	22.00	21.95	21.77					
20	64QAM	1	49	22.21	22.14	22.02	23	2			
20	64QAM	1	99	21.91	21.76	21.67					
20	64QAM	50	0	21.05	21.05	21.06					
20	64QAM	50	24	21.02	21.08	20.84	22	3			
20	64QAM	50	50	21.04	21.04	20.74					
20	64QAM	100	0	21.05	21.05	20.85					
Channel											
Frequency (MHz)											
15	QPSK	1	0	23.73	23.79	23.61	25	0			
15	QPSK	1	37	23.95	23.93	23.78					
15	QPSK	1	74	23.46	23.56	23.37					
15	QPSK	36	0	23.02	23.01	22.84	24	1			
15	QPSK	36	20	22.85	23.07	22.80					
15	QPSK	36	36	22.81	23.02	22.65					
15	QPSK	75	0	22.83	23.00	22.67	24	1			
15	QPSK	1	0	22.89	23.01	22.78					
15	16QAM	1	0	23.20	23.16	23.00					
15	16QAM	1	74	22.78	22.73	22.66	23	2			
15	16QAM	36	0	21.90	21.86	21.69					
15	16QAM	36	20	21.85	21.96	21.79					
15	16QAM	36	36	21.81	21.80	21.55	23	2			
15	16QAM	75	0	21.90	21.85	21.68					
15	64QAM	1	0	21.99	21.95	21.68					
15	64QAM	1	37	22.08	22.08	21.98	22	3			
15	64QAM	1	74	21.63	21.62	21.55					
15	64QAM	36	0	20.87	21.04	20.87					
15	64QAM	36	20	20.87	21.00	20.70	22	3			
15	64QAM	36	36	20.89	20.81	20.74					
15	64QAM	75	0	21.03	20.80	20.82					
Channel											
Frequency (MHz)											
10	QPSK	1	0	23.73	23.79	23.61	25	0			
10	QPSK	1	25	23.33	23.39	23.35					
10	QPSK	1	49	23.45	23.59	23.43					
10	QPSK	25	0	22.85	23.02	22.91	24	1			
10	QPSK	25	12	23.06	23.01	22.70					
10	QPSK	25	25	22.80	23.05	22.94					
10	QPSK	50	0	22.88	23.01	22.71	24	1			
10	16QAM	1	0	22.88	23.02	22.70					
10	16QAM	1	25	23.14	23.11	23.05					
10	16QAM	1	49	23.01	22.75	22.69	23	2			
10	16QAM	25	0	21.95	22.01	21.68					
10	16QAM	25	12	21.97	21.82	21.65					
10	16QAM	25	25	21.87	21.82	21.66	23	2			
10	16QAM	50	0	21.85	21.90	21.68					
10	64QAM	1	0	21.95	21.91	21.68					
10	64QAM	1	25	22.11	22.08	21.95	22	3			
10	64QAM	1	49	21.76	21.73	21.64					
10	64QAM	25	0	20.82	21.02	21.04					
10	64QAM	25	12	20.89	21.02	20.77	22	3			
10	64QAM	25	25	21.02	20.81	20.65					
10	64QAM	50	0	20.83	21.05	20.81					
Channel											
Frequency (MHz)											
5	QPSK	1	0	23.67	23.73	23.61	25	0			
5	QPSK	1	12	23.87	24.00	23.76					
5	QPSK	1	24	23.47	23.53	23.47					
5	QPSK	12	0	22.87	23.06	22.84	24	1			
5	QPSK	12	7	22.81	23.01	22.80					
5	QPSK	12	13	22.81	22.84	22.52					
5	QPSK	25	0	22.81	22.81	22.51	24	1			
5	16QAM	1	0	23.07	23.02	22.75					
5	16QAM	1	12	23.19	23.11	23.07					
5	16QAM	1	24	22.83	22.89	22.87	23	2			
5	16QAM	12	0	21.84	21.90	21.74					
5	16QAM	12	7	21.87	21.84	21.65					
5	16QAM	12	13	21.84	21.80	21.61	23	2			
5	16QAM	25	0	21.87	21.94	21.81					
5	16QAM	25	12	21.98	21.96	21.68					
5	64QAM	1	0	21.95	21.95	21.68	23	2			
5	64QAM	1	12	22.07	22.14	21.95					
5	64QAM	1	24	21.78	21.75	21.63					
5	64QAM	12	0	20.80	21.01	20.80	22	3			
5	64QAM	12	7	21.04	21.02	20.76					
5	64QAM	12	13	21.03	20.81	20.66					
5	64QAM	25	0	20.85	20.88	20.63	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
3	QPSK	1	0	23.63	23.79	23.55	25	0			
3	QPSK	1	8	23.95	23.86	23.79					
3	QPSK	1	14	23.59	23.85	23.49					
3	QPSK	8	0	22.85	23.03	22.79	24	1			
3	QPSK	8	4	23.00	22.87	22.77					
3	QPSK	8	7	22.77	22.63	22.66					
3	QPSK	15	0	22.80	22.81	22.67	24	1			
3	16QAM	1	0	23.02	23.04	22.79					
3	16QAM	1	8	23.15	23.16	23.09					
3	16QAM	1	14	22.79	22.75	22.63	24	1			
3	16QAM	8	0	21.85	21.88	21.75					
3	16QAM	8	4	21.98	21.94	21.74					
3	16QAM	8	7	21.87	21.84	21.67	23	2			
3	16QAM	15	0	21.88	21.80	21.67					
3	64QAM	1	0	21.87	21.85	21.73					
3	64QAM	1	8	22.14	22.00	21.89	23	2			
3	64QAM	1	14	21.84	21.68	21.63					
3	64QAM	8	0	20.80	21.02	20.87					
3	64QAM	8	4	21.08	20.88	20.77	22	3			
3	64QAM	8	7	20.85	21.03	20.62					
3	64QAM	15	0	21.01	21.05	20.72					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	23.63	23.71	23.58	25	0			
1.4	QPSK	1	3	23.80	23.88	23.82					
1.4	QPSK	1	6	23.45	23.57	23.40					
1.4	QPSK	3	0	23.63	23.60	23.53	24	1			
1.4	QPSK	3	3	23.78	23.79	23.79					
1.4	QPSK	3	3	23.35	23.42	23.35					
1.4	QPSK	6	0	23.00	22.87	22.78	24	1			
1.4	16QAM	1	0	23.03	23.07	22.73					
1.4	16QAM	1	3	23.21	23.02	23.08					
1.4	16QAM	1	5	22.82	22.75	22.63	24	1			
1.4	16QAM	3	0	22.79	22.89	22.64					
1.4	16QAM	3	1	23.06	23.09	23.08					
1.4	16QAM	3	3	22.71	22.84	22.61	23	2			
1.4	16QAM	6	0	21.89	21.86	21.79					
1.4	64QAM	1	0	21.86	21.89	21.77					
1.4	64QAM	1	3	22.07	22.05	21.99	23	2			
1.4	64QAM	1	5	21.81	21.84	21.67					
1.4	64QAM	3	0	21.90	21.87	21.67					
1.4	64QAM	3	1	21.53	21.57	21.58	22	3			
1.4	64QAM	3	3	21.68	21.57	21.66					
1.4	64QAM	6	0	21.03	21.05	20.70					

Band 26_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset
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Band 66 Ant 1

BW (MHz)	Modulation	Channel	RB Size	RB Offset	Power Low Ch. / Freq 150072	Power Middle Ch. / Freq 150092	Power High Ch. / Freq 150102	Tune-up limit (dBm)	MPR (dB)		
Channel											
Frequency (MHz)											
20	QPSK	1	0	0	2314	2318	2317	24.5	0		
20	QPSK	1	48	0	2336	2343	2338				
20	QPSK	1	96	0	2303	2317	2309				
20	QPSK	50	0	0	2230	2238	2240				
20	QPSK	50	24	0	2232	2246	2226	23.5	1		
20	QPSK	50	50	0	2228	2233	2222				
20	QPSK	100	0	0	2226	2237	2229				
20	16QAM	1	0	0	2238	2241	2235				
20	16QAM	1	48	0	2236	2239	2236	23.5	1		
20	16QAM	1	96	0	2223	2223	2237				
20	16QAM	50	0	0	2133	2137	2139				
20	16QAM	50	24	0	2137	2134	2134				
20	16QAM	50	50	0	2129	2129	2127	22.5	2		
20	16QAM	100	0	0	2131	2126	2131				
20	64QAM	1	0	0	2137	2145	2125				
20	64QAM	1	48	0	2159	2152	2156				
20	64QAM	1	96	0	2126	2117	2132	22.5	2		
20	64QAM	50	0	0	2034	2034	2041				
20	64QAM	50	24	0	2037	2030	2039				
20	64QAM	50	50	0	2029	2024	2029				
20	64QAM	100	0	0	2035	2027	2034	21.5	3		
20	64QAM	100	0	0	2035	2027	2034				
Channel											
Frequency (MHz)											
15	QPSK	1	0	0	2312	2308	2309		24.5	0	
15	QPSK	1	37	0	2324	2328	2325				
15	QPSK	1	74	0	2300	2304	2304				
15	QPSK	36	0	0	2229	2232	2230				
15	QPSK	36	20	0	2229	2233	2216	23.5	1		
15	QPSK	36	36	0	2224	2222	2220				
15	QPSK	75	0	0	2212	2229	2226				
15	QPSK	75	0	0	2232	2234	2228				
15	16QAM	1	0	0	2233	2232	2232	23.5	1		
15	16QAM	1	37	0	2233	2232	2232				
15	16QAM	1	74	0	2221	2218	2234				
15	16QAM	36	0	0	2130	2123	2125				
15	16QAM	36	20	0	2136	2122	2125	22.5	2		
15	16QAM	36	36	0	2123	2111	2122				
15	16QAM	75	0	0	2122	2125	2126				
15	16QAM	75	0	0	2127	2138	2122				
15	64QAM	1	0	0	2127	2142	2144	22.5	2		
15	64QAM	1	37	0	2146	2146	2143				
15	64QAM	1	74	0	2114	2106	2122				
15	64QAM	36	0	0	2033	2033	2038				
15	64QAM	36	20	0	2023	2025	2024	21.5	3		
15	64QAM	36	36	0	2023	2011	2025				
15	64QAM	75	0	0	2027	2024	2026				
15	64QAM	75	0	0	2027	2024	2026				
Channel											
Frequency (MHz)											
10	QPSK	1	0	0	2314	2315	2304	24.5	0		
10	QPSK	1	25	0	2323	2328	2327				
10	QPSK	1	48	0	2309	2308	2305				
10	QPSK	25	0	0	2227	2238	2225				
10	QPSK	25	12	0	2232	2234	2213	23.5	1		
10	QPSK	25	25	0	2219	2219	2207				
10	QPSK	50	0	0	2211	2232	2219				
10	16QAM	1	0	0	2223	2236	2228				
10	16QAM	1	25	0	2236	2247	2247	23.5	1		
10	16QAM	1	48	0	2216	2209	2234				
10	16QAM	25	0	0	2122	2126	2137				
10	16QAM	25	12	0	2128	2128	2121				
10	16QAM	25	25	0	2128	2115	2125	22.5	2		
10	16QAM	50	0	0	2118	2122	2129				
10	16QAM	50	0	0	2127	2138	2128				
10	64QAM	1	0	0	2146	2146	2151				
10	64QAM	1	48	0	2114	2109	2121	21.5	3		
10	64QAM	25	0	0	2030	2032	2036				
10	64QAM	25	12	0	2028	2016	2026				
10	64QAM	25	25	0	2023	2009	2026				
10	64QAM	50	0	0	2017	2018	2024				
10	64QAM	50	0	0	2017	2018	2024				
Channel											
Frequency (MHz)											
5	QPSK	1	0	0	2312	2303	2311	24.5	0		
5	QPSK	1	12	0	2326	2334	2330				
5	QPSK	1	24	0	2301	2314	2306				
5	QPSK	12	0	0	2234	2245	2231				
5	QPSK	12	7	0	2229	2238	2212	23.5	1		
5	QPSK	12	13	0	2218	2218	2210				
5	QPSK	25	0	0	2213	2230	2226				
5	QPSK	25	0	0	2236	2237	2227				
5	16QAM	1	0	0	2244	2249	2253	23.5	1		
5	16QAM	1	12	0	2231	2209	2228				
5	16QAM	12	0	0	2120	2136	2132				
5	16QAM	12	7	0	2124	2133	2129				
5	16QAM	12	13	0	2126	2111	2118	22.5	2		
5	16QAM	25	0	0	2127	2114	2129				
5	64QAM	1	0	0	2133	2135	2130				
5	64QAM	1	12	0	2145	2150	2142				
5	64QAM	1	24	0	2118	2112	2128	22.5	2		
5	64QAM	12	0	0	2025	2035	2035				
5	64QAM	12	7	0	2037	2020	2031				
5	64QAM	12	13	0	2029	2012	2027				
5	64QAM	25	0	0	2017	2015	2034	21.5	3		
5	64QAM	25	0	0	2017	2015	2034				
5	64QAM	25	0	0	2017	2015	2034				
5	64QAM	25	0	0	2017	2015	2034				
Channel											
Frequency (MHz)											
3	QPSK	1	0	0	2310	2314	2317	24.5	0		
3	QPSK	1	8	0	2332	2341	2337				
3	QPSK	1	14	0	2308	2317	2309				
3	QPSK	8	0	0	2216	2239	2233				
3	QPSK	8	4	0	2226	2237	2224	23.5	1		
3	QPSK	8	7	0	2227	2230	2211				
3	QPSK	16	0	0	2222	2226	2225				
3	16QAM	1	0	0	2230	2226	2221				
3	16QAM	1	8	0	2233	2246	2246	23.5	1		
3	16QAM	1	14	0	2219	2217	2234				
3	16QAM	8	0	0	2126	2122	2136				
3	16QAM	8	4	0	2126	2133	2128				
3	16QAM	8	7	0	2117	2112	2115	22.5	2		
3	16QAM	16	0	0	2120	2116	2129				
3	64QAM	1	0	0	2132	2137	2114				
3	64QAM	1	8	0	2148	2138	2152				
3	64QAM	14	0	0	2117	2112	2129	21.5	3		
3	64QAM	8	0	0	2029	2027	2040				
3	64QAM	8	4	0	2031	2019	2035				
3	64QAM	8	7	0	2021	2017	2018				
3	64QAM	15	0	0	2022	2012	2024	21.5	3		
3	64QAM	15	0	0	2022	2012	2024				
3	64QAM	15	0	0	2022	2012	2024				
3	64QAM	15	0	0	2022	2012	2024				
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	0	2310	2302	2309	24.5	0		
1.4	QPSK	1	3	0	2329	2338	2328				
1.4	QPSK	1	6	0	2304	2308	2305				
1.4	QPSK	3	0	0	2300	2307	2300				
1.4	QPSK	3	1	0	2327	2338	2318	23.5	1		
1.4	QPSK	3	3	0	2301	2303	2303				
1.4	QPSK	6	0	0	2214	2231	2209				
1.4	16QAM	1	0	0	2223	2221	2229				
1.4	16QAM	1	3	0	2249	2235	2244	23.5	1		
1.4	16QAM	1	6	0	2218	2212	2220				
1.4	16QAM	3	0	0	2222	2208	2227				
1.4	16QAM	3	1	0	2249	2235	2244				
1.4	16QAM	3	3	0	2216	2208	2220	22.5	2		
1.4	16QAM	6	0	0	2124	2119	2126				
1.4	16QAM	6	3	0	2129	2127	2116				
1.4	64QAM	1	3	0	2146	2144	2143				
1.4	64QAM	1	6	0	2118	2108	2123	22.5	2		
1.4	64QAM	1	9	0	2121	2115	2113				
1.4	64QAM	3	1	0	2132	2131	2126				
1.4	64QAM	3	3	0	2112	2116	2116				
1.4	64QAM	6	0	0	2019	2009	2026	21.5	3		
1.4	64QAM	6	0	0	2019	2009	2026				
1.4	64QAM	6	0	0	2019	2009	2026				
1.4	64QAM	6	0	0	2019	2009	2026				

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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	22.26	22.27	22.61	22.45	22.50	24	0		
20	QPSK	1	48	22.71	22.78	22.81	22.84	22.80				
20	QPSK	1	96	22.47	22.58	22.63	22.55	22.45				
20	QPSK	50	0	21.47	21.46	21.71	21.56	21.67				
20	QPSK	50	24	21.55	21.63	21.74	21.66	21.61	23	1		
20	QPSK	50	50	21.54	21.63	21.63	21.57	21.53				
20	QPSK	100	0	21.53	21.59	21.72	21.67	21.63				
20	16QAM	1	0	21.41	21.40	21.70	21.56	21.57				
20	16QAM	1	48	21.79	21.83	21.96	21.85	21.86	23	1		
20	16QAM	1	96	21.52	21.67	21.67	21.61	21.56				
20	16QAM	50	0	20.46	20.52	20.79	20.66	20.70				
20	16QAM	50	24	20.62	20.66	20.77	20.64	20.68				
20	16QAM	50	50	20.60	20.62	20.68	20.63	20.52	22	2		
20	16QAM	100	0	20.61	20.63	20.67	20.76	20.72				
20	64QAM	1	0	20.14	20.12	20.36	20.26	20.36				
20	64QAM	1	48	20.56	20.65	20.72	20.64	20.71				
20	64QAM	1	96	20.26	20.39	20.42	20.38	20.28	22	2		
20	64QAM	50	0	19.47	19.54	19.75	19.64	19.63				
20	64QAM	50	24	19.60	19.67	19.74	19.66	19.65				
20	64QAM	50	50	19.57	19.64	19.69	19.59	19.56				
20	64QAM	100	0	19.58	19.64	19.62	19.71	19.67	21	3		
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.23	22.23	22.52	22.37	22.37	24	0		
15	QPSK	1	37	22.70	22.73	22.89	22.78	22.69				
15	QPSK	1	74	22.46	22.55	22.51	22.41	22.35				
15	QPSK	36	0	21.36	21.33	21.69	21.42	21.60				
15	QPSK	36	0	21.51	21.51	21.69	21.68	21.60	23	1		
15	QPSK	36	39	21.51	21.59	21.55	21.55	21.53				
15	QPSK	75	0	21.41	21.44	21.71	21.52	21.57				
15	16QAM	1	0	21.28	21.34	21.60	21.41	21.44				
15	16QAM	1	37	21.74	21.82	21.84	21.75	21.81	23	1		
15	16QAM	1	74	21.41	21.53	21.67	21.47	21.50				
15	16QAM	36	0	20.46	20.42	20.64	20.62	20.55				
15	16QAM	36	0	20.46	20.54	20.72	20.61	20.62				
15	16QAM	36	39	20.47	20.51	20.67	20.54	20.37	22	2		
15	16QAM	75	0	20.48	20.56	20.79	20.67	20.72				
15	64QAM	1	0	20.14	20.02	20.23	20.16	20.27				
15	64QAM	1	37	20.45	20.58	20.61	20.64	20.70				
15	64QAM	1	74	20.14	20.34	20.28	20.28	20.20	22	2		
15	64QAM	36	0	19.40	19.49	19.73	19.49	19.53				
15	64QAM	36	0	19.58	19.66	19.66	19.53	19.54				
15	64QAM	36	39	19.57	19.54	19.63	19.44	19.43				
15	64QAM	75	0	19.56	19.61	19.71	19.62	19.60	21	3		
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.21	22.12	22.59	22.31	22.38	24	0		
10	QPSK	1	25	22.6	22.65	22.84	22.75	22.76				
10	QPSK	1	49	22.34	22.48	22.53	22.45	22.37				
10	QPSK	25	0	21.4	21.36	21.64	21.51	21.6				
10	QPSK	25	12	21.4	21.63	21.71	21.56	21.59	23	1		
10	QPSK	25	25	21.45	21.6	21.63	21.57	21.46				
10	QPSK	50	0	21.45	21.57	21.67	21.54	21.5				
10	16QAM	1	0	21.38	21.39	21.62	21.53	21.43				
10	16QAM	1	25	21.7	21.7	21.81	21.77	21.79	23	1		
10	16QAM	1	49	21.42	21.65	21.56	21.51	21.52				
10	16QAM	25	0	20.36	20.46	20.76	20.61	20.69				
10	16QAM	25	12	20.6	20.51	20.77	20.56	20.58				
10	16QAM	25	25	20.48	20.47	20.64	20.63	20.48	22	2		
10	16QAM	50	0	20.54	20.51	20.74	20.61	20.65				
10	64QAM	1	0	20	20.01	20.25	20.21	20.35				
10	64QAM	1	25	20.56	20.52	20.59	20.57	20.59				
10	64QAM	1	49	20.15	20.29	20.28	20.27	20.27	22	2		
10	64QAM	25	0	19.38	19.53	19.69	19.64	19.57				
10	64QAM	25	12	19.47	19.6	19.74	19.66	19.51				
10	64QAM	25	25	19.47	19.53	19.61	19.55	19.46				
10	64QAM	50	0	19.54	19.61	19.68	19.69	19.69	21	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.14	22.12	22.56	22.36	22.44	24	0		
5	QPSK	1	12	22.56	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2		
5	16QAM	25	0	20.6	20.56	20.86	20.66	20.63				
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35				
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66				
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	22	2		
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6				
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5				
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5				
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	21	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.08	22.01	22.58	22.38	22.48	24	0		
5	QPSK	1	12	22.58	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2		
5	16QAM	25	0	20.6	20.56	20.86	20.66	20.63				
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35				
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66				
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	22	2		
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6				
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5				
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5				
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	21	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.08	22.01	22.58	22.38	22.48	24	0		
5	QPSK	1	12	22.58	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2		
5	16QAM	25	0	20.6	20.56	20.86	20.66	20.63				
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35				
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66				
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	22	2		
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6				
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5				
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5				
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	21	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.08	22.01	22.58	22.38	22.48	24	0		
5	QPSK	1	12	22.58	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12										

Reduced Power for DSI0

<GSM Power State1>

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	TX Channel	128	169		251	128	169	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.71	32.55	32.72	33.30	23.71	23.55	23.72	24.30
GPRS 1 Tx slot	32.77	32.41	32.80	33.30	23.77	23.41	23.80	24.30
GPRS 2 Tx slots	29.12	29.15	29.32	30.50	23.12	23.15	23.32	24.50
GPRS 3 Tx slots	28.04	28.04	28.12	28.50	23.83	23.78	23.86	24.24
GPRS 4 Tx slots	28.84	28.91	28.83	27.50	23.84	23.91	23.83	24.50
EDGE 1 Tx slot	27.17	27.32	27.52	28.00	18.17	18.32	18.52	19.00
EDGE 2 Tx slots	23.54	23.55	23.56	24.50	17.54	17.55	17.56	18.50
EDGE 3 Tx slots	22.51	22.55	22.54	23.50	18.25	18.29	18.28	19.24
EDGE 4 Tx slots	21.42	21.33	21.34	22.50	18.42	18.33	18.34	19.50

GSM1900_Ant_1	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	651	810		512	651	810	
Frequency (MHz)	1850.2	1850	1850.8	(dBm)	1850.2	1850	1850.8	(dBm)
GSM 1 Tx slot	29.65	29.99	29.73	30.70	20.65	20.99	20.73	21.70
GPRS 1 Tx slot	29.95	30.01	29.99	30.70	20.95	21.01	20.99	21.70
GPRS 2 Tx slots	26.66	27.15	27.33	28.00	20.66	21.15	21.33	22.00
GPRS 3 Tx slots	23.52	26.05	26.18	27.00	21.26	21.79	21.92	22.74
GPRS 4 Tx slots	24.57	24.91	25.02	26.00	21.57	21.91	22.02	23.00
EDGE 1 Tx slot	26.67	26.88	26.92	28.00	17.67	17.88	17.92	19.00
EDGE 2 Tx slots	23.52	23.66	23.88	24.50	17.52	17.66	17.88	18.50
EDGE 3 Tx slots	22.44	22.78	22.81	23.50	18.18	18.52	18.55	19.24
EDGE 4 Tx slots	21.45	21.63	21.91	22.50	18.45	18.63	18.91	19.50

<WCDMA State1>

Band	WCDMA I_Ant 1				WCDMA IV_Ant 1				WCDMA V_Ant 0				
	TX Channel	9662	9690	9638	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4182	4233	Tune-up Limit
Rx Channel	9662	9690	9638	(dBm)	1537	1638	1738	(dBm)	4357	4407	4458	(dBm)	
Frequency (MHz)	1852.4	1886	1907.6	(dBm)	1712.4	1732.6	1752.6	(dBm)	826.4	836.4	846.6	(dBm)	
3GPP Rel 99	AMR 12.2Kbps	22.28	22.17	21.94	23.00	21.32	21.31	21.24	22.00	22.68	22.80	22.91	24.00
3GPP Rel 99	AMR 12.2Kbps	22.30	22.30	22.00	23.00	21.42	21.71	21.36	22.00	22.69	22.92	22.82	24.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.26	21.02	22.00	20.31	20.42	20.41	21.00	21.63	21.77	21.84	23.00
3GPP Rel 6	HSDPA Subtest-2	21.24	21.18	20.93	22.00	20.23	20.35	19.79	21.00	21.56	21.66	21.73	23.50
3GPP Rel 6	HSDPA Subtest-3	20.79	20.75	20.45	21.50	19.83	19.80	19.79	20.50	21.01	21.13	21.25	23.00
3GPP Rel 6	HSDPA Subtest-4	20.70	20.73	20.42	21.50	19.74	19.81	19.77	20.50	21.07	21.18	21.22	23.00
3GPP Rel 6	DC-HSDPA Subtest-1	21.11	21.13	20.87	22.00	20.30	20.35	20.41	21.00	21.53	21.73	21.77	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.24	21.04	20.78	22.00	20.16	20.24	19.77	21.00	21.45	21.61	21.58	23.50
3GPP Rel 6	DC-HSDPA Subtest-3	20.79	20.75	20.35	21.50	19.75	19.72	19.73	20.50	20.88	21.00	21.21	23.00
3GPP Rel 6	DC-HSDPA Subtest-4	20.69	20.63	20.40	21.50	19.69	19.81	19.71	20.50	20.97	21.03	21.12	23.00
3GPP Rel 6	HSUPA Subtest-1	19.31	19.34	19.05	20.50	18.33	18.49	18.41	19.50	19.57	19.72	19.86	21.50
3GPP Rel 6	HSUPA Subtest-2	19.38	19.32	19.05	20.50	18.29	18.43	18.40	19.50	19.60	19.72	19.85	21.50
3GPP Rel 6	HSUPA Subtest-3	20.32	20.31	20.10	21.50	19.40	19.43	19.45	20.50	20.65	20.74	20.81	22.50
3GPP Rel 6	HSUPA Subtest-4	18.87	18.85	18.56	20.00	17.87	17.92	17.87	19.00	19.11	19.22	19.39	21.00
3GPP Rel 6	HSUPA Subtest-5	20.20	20.20	20.00	21.50	19.30	19.30	19.40	20.00	20.60	20.70	20.70	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.71	21.58	21.51	22.50	20.11	20.22	20.03	21.00	21.61	21.67	21.80	22.50

Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)		
				Power Low Ch. / Freq. 18700	Power Mid Ch. / Freq. 18800	Power High Ch. / Freq. 19100				
Channel										
Frequency (MHz)										
20	QPSK	1	0	21.57	21.62	21.39	23	0		
20	QPSK	1	49	21.42	21.72	21.25				
20	QPSK	1	99	21.46	21.59	21.38				
20	QPSK	50	0	21.51	21.62	21.31	23	0		
20	QPSK	50	24	21.51	21.72	21.28				
20	QPSK	50	50	21.48	21.63	21.32				
20	QPSK	100	0	21.54	21.66	21.28	23	0		
20	16QAM	1	0	21.48	21.52	21.43				
20	16QAM	1	49	21.59	21.66	21.67				
20	16QAM	1	99	21.47	21.51	21.47	23	0		
20	16QAM	50	0	21.55	21.60	21.50				
20	16QAM	50	24	21.60	21.56	21.63				
20	16QAM	50	50	21.48	21.55	21.52	23	0		
20	16QAM	100	0	21.54	21.64	21.58				
20	64QAM	1	0	21.48	21.53	21.48				
20	64QAM	1	49	21.57	21.65	21.56	23	0		
20	64QAM	1	99	21.44	21.54	21.44				
20	64QAM	50	0	20.54	20.59	20.55				
20	64QAM	50	24	20.56	20.54	20.54	22	1		
20	64QAM	50	50	20.50	20.53	20.44				
20	64QAM	100	0	20.58	20.62	20.52				
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.56	21.58	21.61	23	0		
15	QPSK	1	37	21.65	21.70	21.66				
15	QPSK	1	74	21.57	21.56	21.50				
15	QPSK	36	0	21.56	21.58	21.57	23	0		
15	QPSK	36	20	21.65	21.70	21.68				
15	QPSK	36	36	21.62	21.53	21.53				
15	QPSK	75	0	21.64	21.63	21.61	23	0		
15	16QAM	1	0	21.51	21.44	21.50				
15	16QAM	1	74	21.62	21.61	21.58	23	0		
15	16QAM	36	0	21.55	21.51	21.48				
15	16QAM	36	20	21.62	21.60	21.57		23	0	
15	16QAM	36	36	21.50	21.49	21.49				
15	16QAM	75	0	21.57	21.61	21.54	23	0		
15	64QAM	1	0	21.46	21.48	21.47				
15	64QAM	1	37	21.59	21.56	21.55		22	1	
15	64QAM	1	74	21.48	21.45	21.51				
15	64QAM	36	0	20.49	20.49	20.55	22		1	
15	64QAM	36	20	20.60	20.62	20.54				
15	64QAM	36	36	20.46	20.47	20.45	22	1		
15	64QAM	75	0	20.55	20.62	20.56				
Channel										
Frequency (MHz)										
10	QPSK	1	0	21.55	21.53	21.56	23	0		
10	QPSK	1	25	21.71	21.62	21.65				
10	QPSK	1	49	21.49	21.57	21.56		23	0	
10	QPSK	25	0	21.55	21.59	21.61	23	0		
10	QPSK	25	12	21.65	21.67	21.71				
10	QPSK	25	26	21.58	21.56	21.56		23	0	
10	QPSK	50	0	21.65	21.61	21.56	23	0		
10	16QAM	1	0	21.47	21.51	21.44				
10	16QAM	1	25	21.65	21.50	21.56		23	0	
10	16QAM	1	49	21.43	21.49	21.50	23	0		
10	16QAM	25	0	21.53	21.55	21.52				
10	16QAM	25	12	21.59	21.54	21.64		23	0	
10	16QAM	25	26	21.47	21.52	21.45				
10	16QAM	50	0	21.60	21.56	21.55		23	0	
10	16QAM	50	1	21.52	21.48	21.46				
10	64QAM	1	0	21.62	21.56	21.61	22		1	
10	64QAM	1	49	21.46	21.45	21.50				
10	64QAM	25	0	20.51	20.54	20.53		22	1	
10	64QAM	25	12	20.58	20.54	20.59				
10	64QAM	25	26	20.43	20.44	20.52	22	1		
10	64QAM	50	0	20.60	20.54	20.59				
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.55	21.54	21.61	23	0		
5	QPSK	1	12	21.64	21.71	21.67				
5	QPSK	1	24	21.56	21.50	21.54		23	0	
5	QPSK	12	0	21.57	21.56	21.61	23	0		
5	QPSK	12	7	21.70	21.63	21.66				
5	QPSK	12	13	21.57	21.55	21.60		23	0	
5	QPSK	25	0	21.60	21.61	21.63	23	0		
5	16QAM	1	0	21.46	21.45	21.47				
5	16QAM	1	12	21.66	21.63	21.67		23	0	
5	16QAM	1	24	21.46	21.46	21.41				
5	16QAM	12	0	21.55	21.53	21.54	23	0		
5	16QAM	12	7	21.64	21.61	21.64				
5	16QAM	12	13	21.54	21.49	21.45		23	0	
5	16QAM	25	0	21.62	21.60	21.61	23	0		
5	64QAM	1	0	21.44	21.45	21.43				
5	64QAM	1	12	21.61	21.56	21.57		23	0	
5	64QAM	1	24	21.51	21.51	21.51				
5	64QAM	12	0	20.49	20.51	20.53		22	1	
5	64QAM	12	7	20.59	20.55	20.61				
5	64QAM	12	13	20.50	20.51	20.51			22	1
5	64QAM	25	0	20.55	20.56	20.54				
Channel										
Frequency (MHz)										
3	QPSK	1	0	21.54	21.55	21.55	23	0		
3	QPSK	1	8	21.64	21.66	21.70				
3	QPSK	1	14	21.54	21.53	21.53		23	0	
3	QPSK	8	0	21.54	21.57	21.58	23	0		
3	QPSK	8	4	21.69	21.69	21.69				
3	QPSK	8	14	21.56	21.54	21.61		23	0	
3	QPSK	15	0	21.63	21.57	21.56	23	0		
3	16QAM	1	0	21.45	21.42	21.50				
3	16QAM	1	8	21.67	21.67	21.61		23	0	
3	16QAM	1	14	21.42	21.50	21.42				
3	16QAM	8	0	21.50	21.59	21.53	23	0		
3	16QAM	8	4	21.59	21.63	21.64				
3	16QAM	8	7	21.46	21.54	21.45		23	0	
3	16QAM	15	0	21.58	21.54	21.56	23	0		
3	64QAM	1	0	21.45	21.47	21.45				
3	64QAM	1	8	21.57	21.60	21.62		23	0	
3	64QAM	1	14	21.48	21.45	21.52				
3	64QAM	8	0	20.49	20.52	20.58		22	1	
3	64QAM	8	4	20.54	20.56	20.59				
3	64QAM	8	7	20.50	20.44	20.50			22	1
3	64QAM	15	0	20.61	20.57	20.58				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	21.61	21.54	21.61	23	0		
1.4	QPSK	1	3	21.70	21.70	21.63				
1.4	QPSK	1	6	21.52	21.52	21.58		23	0	
1.4	QPSK	3	0	21.53	21.57	21.57	23	0		
1.4	QPSK	3	1	21.69	21.69	21.67				
1.4	QPSK	3	3	21.58	21.56	21.61		23	0	
1.4	QPSK	6	0	21.59	21.58	21.63	23	0		
1.4	16QAM	1	0	21.42	21.51	21.47				
1.4	16QAM	1	3	21.63	21.67	21.62		23	0	
1.4	16QAM	1	5	21.50	21.49	21.50				
1.4	16QAM	3	0	21.59	21.50	21.56	23	0		
1.4	16QAM	3	1	21.62	21.61	21.58				
1.4	16QAM	3	3	21.52	21.52	21.51		23	0	
1.4	16QAM	6	0	21.54	21.54	21.56				
1.4	16QAM	6	1	21.50	21.48	21.48	23	0		
1.4	64QAM	1	3	21.59	21.60	21.61				
1.4	64QAM	1	5	21.46	21.52	21.47		23	0	
1.4	64QAM	1	7	21.50	21.50	21.50				
1.4	64QAM	3	1	21.57	21.57	21.56	22		1	
1.4	64QAM	3	3	21.45	21.50	21.50				
1.4	64QAM	6	0	20.58	20.59	20.62	22	1		

Band 5_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 20450	Power Middle Ch. Freq. 20500	Power High Ch. Freq. 20550	Tune-up limit (dBm)	MPR (dB)
Channel				125	136.5	144		
Frequency (MHz)				23.65	23.71	23.83		
10	QPSK	1	0	23.65	23.71	23.83		
10	QPSK	1	25	23.80	23.84	23.83	25	0
10	QPSK	1	40	23.66	23.70	23.53		
10	QPSK	25	0	22.75	22.87	22.81		
10	QPSK	25	12	22.83	23.00	22.82	24	1
10	QPSK	25	25	22.82	22.84	22.63		
10	QPSK	50	0	22.81	22.87	22.73		
10	16QAM	1	0	23.07	23.02	22.83		
10	16QAM	1	25	23.06	23.07	23.03	24	1
10	16QAM	1	40	23.03	23.01	22.74		
10	16QAM	25	0	21.80	21.87	21.86		
10	16QAM	25	12	21.84	21.83	21.83	23	2
10	16QAM	25	25	21.84	21.86	21.67		
10	16QAM	50	0	21.80	21.84	21.76		
10	64QAM	1	0	21.57	21.58	21.56		
10	64QAM	1	25	22.05	22.06	22.06	23	2
10	64QAM	1	40	21.52	21.55	21.78		
10	64QAM	25	0	20.77	20.85	20.85		
10	64QAM	25	12	20.82	20.86	20.86	22	3
10	64QAM	25	25	20.81	20.85	20.85		
10	64QAM	50	0	20.80	20.85	20.75		
Channel				20425	20525	20525	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.51	23.55	23.59		
5	QPSK	1	0	23.51	23.55	23.59		
5	QPSK	1	12	23.70	23.81	23.78	25	0
5	QPSK	1	24	23.51	23.63	23.51		
5	QPSK	12	0	22.73	22.87	22.78		
5	QPSK	12	7	22.74	22.79	22.77	24	1
5	QPSK	12	13	22.68	22.83	22.80		
5	QPSK	25	0	22.66	22.86	22.81		
5	16QAM	1	0	22.83	23.03	22.79	24	1
5	16QAM	12	0	23.05	23.03	23.08		
5	16QAM	1	24	22.78	22.77	22.73	23	2
5	16QAM	12	7	21.78	21.83	21.86		
5	16QAM	12	13	21.75	21.81	21.69		
5	16QAM	25	0	21.83	21.71	21.56		
5	64QAM	1	0	21.73	21.83	21.74		
5	64QAM	1	12	21.91	21.97	21.73	23	2
5	64QAM	1	24	22.05	22.03	22.01		
5	64QAM	12	0	21.87	21.80	21.70	22	3
5	64QAM	12	7	20.69	20.83	20.74		
5	64QAM	12	13	20.77	20.78	20.78		
5	64QAM	25	0	20.66	20.73	20.60		
5	64QAM	25	0	20.69	20.78	20.63		
Channel				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.60	23.65	23.50		
3	QPSK	1	0	23.78	23.77	23.77	25	0
3	QPSK	1	8	23.57	23.58	23.49		
3	QPSK	8	0	22.77	22.87	22.77	24	1
3	QPSK	8	4	22.74	22.85	22.74		
3	QPSK	8	7	22.80	22.71	22.48		
3	QPSK	15	0	22.67	22.73	22.66		
3	16QAM	1	0	22.89	23.02	22.75	24	1
3	16QAM	1	8	23.05	23.03	23.02		
3	16QAM	1	14	22.86	22.89	22.85		
3	16QAM	8	0	21.66	21.72	21.78	23	2
3	16QAM	8	4	21.73	21.77	21.83		
3	16QAM	8	7	21.70	21.68	21.68		
3	16QAM	15	0	21.71	21.72	21.68		
3	64QAM	1	0	21.87	21.94	21.83	23	2
3	64QAM	1	8	21.86	22.01	21.85		
3	64QAM	1	14	21.87	21.85	21.66		
3	64QAM	8	0	20.75	20.71	20.78	22	3
3	64QAM	8	4	20.68	20.76	20.82		
3	64QAM	8	7	20.66	20.79	20.57		
3	64QAM	15	0	20.66	20.72	20.70		
Channel				1640.7	1640.3	1640.3	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.64	23.60	23.59		
1.4	QPSK	1	0	23.66	23.76	23.69	25	0
1.4	QPSK	1	5	23.51	23.55	23.51		
1.4	QPSK	3	0	23.53	23.55	23.52		
1.4	QPSK	3	1	23.56	23.72	23.64	24	1
1.4	QPSK	3	3	23.45	23.52	23.47		
1.4	QPSK	6	0	22.75	22.86	22.71		
1.4	16QAM	1	0	23.08	23.05	22.79	24	1
1.4	16QAM	1	3	23.06	23.09	23.03		
1.4	16QAM	1	5	22.80	22.89	22.62		
1.4	16QAM	3	0	22.89	23.03	22.68		
1.4	16QAM	3	1	23.03	22.85	22.89		
1.4	16QAM	3	3	22.75	22.85	22.57		
1.4	16QAM	6	0	21.65	21.70	21.63	23	2
1.4	64QAM	1	0	21.85	21.80	21.77		
1.4	64QAM	1	3	22.03	21.99	22.01		
1.4	64QAM	1	5	21.78	21.87	21.71	23	2
1.4	64QAM	3	0	21.85	21.83	21.67		
1.4	64QAM	3	1	22.01	21.98	21.94		
1.4	64QAM	3	3	21.72	21.74	21.61	22	3
1.4	64QAM	6	0	20.76	20.81	20.70		

Band 7_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 20950	Power High Ch. Freq. 21100	Power High Ch. Freq. 21350	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.50	22.77	22.70		
20	QPSK	1	40	23.04	23.14	23.11	24	0
20	QPSK	1	90	22.72	23.00	23.03		
20	QPSK	50	0	21.89	22.07	22.05		
20	QPSK	50	24	22.00	22.14	22.10	23	1
20	QPSK	50	50	21.92	22.10	22.07		
20	QPSK	100	0	21.82	22.05	22.02		
20	16QAM	1	0	21.83	21.97	21.86		
20	16QAM	1	40	22.22	22.37	22.29	23	1
20	16QAM	1	90	21.90	22.15	22.17		
20	16QAM	50	0	20.88	21.07	21.07		
20	16QAM	50	24	21.01	21.14	21.11	22	2
20	16QAM	50	50	21.03	21.13	21.06		
20	16QAM	100	0	21.02	21.08	21.05		
20	64QAM	1	0	20.84	21.05	21.03		
20	64QAM	1	40	21.22	21.33	21.30	22	2
20	64QAM	1	90	21.01	21.11	21.15		
20	64QAM	50	24	20.03	20.11	20.11	21	3
20	64QAM	50	50	19.97	20.10	20.05		
20	64QAM	100	0	19.91	20.05	20.05		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							2097.5	2107.5
15	QPSK	1	0	22.53	22.72	22.65		
15	QPSK	1	37	23.04	23.02	23.11	24	0
15	QPSK	1	74	22.63	22.85	22.83		
15	QPSK	36	0	21.88	21.95	22.02		
15	QPSK	36	20	21.88	22.10	22.03	23	1
15	QPSK	36	36	21.85	21.96	21.92		
15	QPSK	75	0	21.90	22.05	21.99		
15	16QAM	1	0	21.78	21.92	21.87	23	1
15	16QAM	1	37	22.50	22.29	22.25		
15	16QAM	1	74	21.90	22.12	22.06		
15	16QAM	36	0	20.85	21.03	21.03	22	2
15	16QAM	36	20	21.00	21.08	21.09		
15	16QAM	36	36	20.84	21.12	21.05		
15	16QAM	75	0	20.84	21.03	21.03		
15	64QAM	1	0	20.72	20.82	20.78	22	2
15	64QAM	1	37	21.15	21.19	21.20		
15	64QAM	1	74	20.87	21.10	21.07		
15	64QAM	36	0	19.75	20.04	19.91	21	3
15	64QAM	36	20	19.90	19.97	20.00		
15	64QAM	36	36	19.89	19.95	19.92		
15	64QAM	75	0	19.82	19.97	19.88		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							20900	21100
Frequency (MHz)							20950	21050
10	QPSK	1	0	22.58	22.68	22.70		
10	QPSK	1	25	23.02	23.10	23.08	24	0
10	QPSK	1	40	22.72	22.89	22.85		
10	QPSK	25	0	21.77	21.94	21.92		
10	QPSK	25	12	21.80	22.05	22.07	23	1
10	QPSK	25	25	21.90	22.06	21.95		
10	QPSK	50	0	21.91	21.99	21.92		
10	16QAM	1	0	21.69	21.90	21.91	23	1
10	16QAM	1	25	22.18	22.34	22.29		
10	16QAM	1	40	21.89	22.12	22.06		
10	16QAM	25	0	20.88	21.07	21.05	22	2
10	16QAM	25	12	21.01	21.12	21.01		
10	16QAM	25	25	20.79	21.06	21.07		
10	16QAM	50	0	20.81	21.02	21.02		
10	64QAM	1	0	20.84	21.03	20.89	22	2
10	64QAM	1	25	21.19	21.31	21.30		
10	64QAM	1	40	20.86	21.08	21.00		
10	64QAM	25	0	19.87	20.00	20.04	21	3
10	64QAM	25	12	19.88	19.96	20.05		
10	64QAM	25	25	19.97	20.10	20.01		
10	64QAM	50	0	19.84	19.94	19.94		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							2592.5	2602.5
Frequency (MHz)							2597.5	2607.5
5	QPSK	1	0	22.53	22.63	22.68		
5	QPSK	1	12	23.03	23.08	23.01	24	0
5	QPSK	1	24	22.69	22.89	22.85		
5	QPSK	12	0	21.85	22.07	21.92		
5	QPSK	12	7	21.83	21.99	22.10	23	1
5	QPSK	12	14	21.84	22.10	22.07		
5	QPSK	25	0	21.79	22.03	21.86		
5	16QAM	1	0	21.72	21.82	21.81	23	1
5	16QAM	1	12	22.18	22.29	22.24		
5	16QAM	1	24	21.87	22.05	22.10		
5	16QAM	12	0	20.82	21.01	21.07	22	2
5	16QAM	12	7	21.01	21.09	21.09		
5	16QAM	12	13	20.79	21.01	21.08		
5	16QAM	25	0	20.86	21.08	21.00		
5	64QAM	1	0	20.80	21.05	20.80	22	2
5	64QAM	1	12	21.09	21.22	21.20		
5	64QAM	1	24	20.76	21.01	21.10		
5	64QAM	12	0	19.83	20.02	19.99	21	3
5	64QAM	12	7	19.82	20.02	20.09		
5	64QAM	12	13	19.84	20.08	19.84		
5	64QAM	25	0	19.80	20.03	20.02		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23060	Power Middle Ch. / Freq. 23095	Power High Ch. / Freq. 23130	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency [MHz]										
10	QPSK	1	0	23.91	23.94	23.92	25	0		
10	QPSK	1	26	24.10	24.12	24.09				
10	QPSK	1	49	23.97	24.04	23.99				
10	QPSK	25	0	23.09	23.05	23.13				
10	QPSK	25	12	23.12	23.14	23.12	24	1		
10	QPSK	25	25	23.04	23.10	23.03				
10	QPSK	50	0	23.05	23.11	23.07				
10	16QAM	1	0	23.20	23.12	23.07				
10	16QAM	1	26	23.32	23.31	23.33	24	1		
10	16QAM	1	49	23.20	23.20	23.21				
10	16QAM	25	0	22.01	22.03	22.11				
10	16QAM	25	12	22.06	22.06	22.11				
10	16QAM	25	25	22.10	22.01	22.05	23	2		
10	16QAM	50	0	22.04	22.02	22.11				
10	64QAM	12	0	22.16	22.12	22.08				
10	64QAM	1	26	22.31	22.29	22.30				
10	64QAM	1	49	22.22	22.17	22.20	23	2		
10	64QAM	25	0	21.03	21.05	21.15				
10	64QAM	25	12	21.13	21.14	21.15				
10	64QAM	25	25	21.13	21.04	21.08				
10	64QAM	50	0	21.07	21.06	21.13	22	3		
Channel										
Frequency [MHz]										
5	QPSK	1	0	23.91	23.93	23.83	25	0		
5	QPSK	1	12	24.08	24.08	23.99				
5	QPSK	1	24	23.86	23.92	23.92				
5	QPSK	12	0	22.84	23.01	23.13				
5	QPSK	12	7	23.04	23.00	23.00	24	1		
5	QPSK	12	13	23.05	23.05	23.05				
5	QPSK	25	0	23.00	23.02	23.02				
5	16QAM	1	0	23.19	23.07	23.08				
5	16QAM	1	24	23.28	23.25	23.29	24	1		
5	16QAM	12	0	22.01	21.88	21.96				
5	16QAM	12	13	21.95	21.93	22.01				
5	16QAM	12	13	22.01	21.87	21.87				
5	16QAM	25	0	21.97	21.96	22.02	23	2		
5	64QAM	1	0	22.12	22.04	22.07				
5	64QAM	1	12	22.21	22.22	22.17				
5	64QAM	1	24	22.05	22.10	22.05				
5	64QAM	12	0	21.03	21.06	21.02	22	3		
5	64QAM	12	7	21.05	21.06	21.01				
5	64QAM	12	13	21.02	21.06	21.07				
5	64QAM	25	0	21.03	21.08	21.07				
Channel										
Frequency [MHz]										
3	QPSK	1	0	23.82	23.93	23.78	25	0		
3	QPSK	1	8	24.00	24.07	24.08				
3	QPSK	1	14	23.85	23.97	23.90				
3	QPSK	8	0	23.06	23.02	23.07				
3	QPSK	8	4	23.08	23.04	23.01	24	1		
3	QPSK	8	7	23.08	23.10	23.08				
3	QPSK	15	0	23.05	23.07	23.07				
3	16QAM	1	0	23.05	23.00	23.09				
3	16QAM	1	8	23.29	23.24	23.22	24	1		
3	16QAM	1	14	23.14	23.10	23.07				
3	16QAM	8	4	21.88	21.90	21.97				
3	16QAM	8	4	21.99	21.97	21.98				
3	16QAM	8	7	22.01	21.88	21.95	23	2		
3	16QAM	15	0	21.98	21.94	21.99				
3	64QAM	1	0	22.16	22.00	22.02				
3	64QAM	1	8	22.24	22.20	22.24				
3	64QAM	1	14	22.11	22.11	22.10	22	3		
3	64QAM	8	0	21.09	21.05	21.07				
3	64QAM	8	4	21.12	21.02	21.02				
3	64QAM	8	7	21.04	21.05	21.03				
Channel										
Frequency [MHz]										
1.4	QPSK	1	0	23.83	23.92	23.87	25	0		
1.4	QPSK	1	3	24.02	24.04	24.05				
1.4	QPSK	1	5	23.97	23.90	23.96				
1.4	QPSK	3	0	23.09	23.08	23.11				
1.4	QPSK	3	1	23.93	23.97	23.97	24	1		
1.4	QPSK	3	3	23.92	23.78	23.95				
1.4	QPSK	6	0	23.04	23.07	23.04				
1.4	16QAM	1	0	23.19	23.12	23.04				
1.4	16QAM	1	3	23.24	23.19	23.24	24	1		
1.4	16QAM	1	5	23.05	23.08	23.09				
1.4	16QAM	3	0	23.12	23.09	23.05				
1.4	16QAM	3	3	23.18	23.16	23.22				
1.4	16QAM	3	3	23.04	23.03	23.01	23	2		
1.4	16QAM	6	0	21.95	21.88	22.10				
1.4	64QAM	1	0	22.01	22.02	21.96				
1.4	64QAM	1	3	22.18	22.23	22.22				
1.4	64QAM	1	5	22.08	22.17	22.14	23	2		
1.4	64QAM	3	0	21.93	21.96	21.94				
1.4	64QAM	3	1	22.06	22.10	22.21				
1.4	64QAM	3	3	22.06	22.11	22.04				
1.4	64QAM	6	0	21.95	21.93	21.99	22	3		
1.4	64QAM	6	0	21.95	21.93	21.99				

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23200	Power Middle Ch. / Freq. 23265	Power High Ch. / Freq. 23330	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency [MHz]									
10	QPSK	1	0		24.05		25	0	
10	QPSK	1	25		24.24				
10	QPSK	1	49		23.99				
10	QPSK	25	0		23.19				
10	QPSK	25	12		23.43		24	1	
10	QPSK	25	25		23.22				
10	QPSK	50	0		23.32				
10	16QAM	1	0		23.33				
10	16QAM	1	25		23.50		24	1	
10	16QAM	1	49		23.35				
10	16QAM	25	0		22.18				
10	16QAM	25	12		22.23				
10	16QAM	25	25		22.43		23	2	
10	16QAM	50	0		22.32				
10	64QAM	1	0		22.28				
10	64QAM	1	25		22.42		23	2	
10	64QAM	1	49		22.22				
10	64QAM	25	0		21.18				
10	64QAM	25	12		21.30		22	3	
10	64QAM	25	25		21.44				
10	64QAM	50	0		21.30				
Channel									
Frequency [MHz]									
				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
				748.5	748.5	748.5			
5	QPSK	1	0	23.93	23.98	23.94	25	0	
5	QPSK	1	12	24.21	24.23	24.17			
5	QPSK	1	24	23.97	23.99	23.98			
5	QPSK	12	0	22.87	23.19	23.05			
5	QPSK	12	7	23.20	23.28	23.19	24	1	
5	QPSK	12	13	23.05	23.20	23.15			
5	QPSK	25	0	23.06	23.32	23.13			
5	16QAM	1	0	23.22	23.27	23.30			
5	16QAM	1	12	23.43	23.38	23.48	24	1	
5	16QAM	1	24	23.28	23.32	23.16			
5	16QAM	12	0	21.86	22.28	22.02			
5	16QAM	12	0	22.17	22.28	22.19			
5	16QAM	12	13	22.04	22.29	22.21	23	2	
5	16QAM	25	0	21.96	22.31	22.14			
5	64QAM	1	0	22.15	22.19	22.19			
5	64QAM	1	12	22.40	22.40	22.41			
5	64QAM	1	24	22.20	22.21	22.05	23	2	
5	64QAM	12	0	20.85	21.30	21.04			
5	64QAM	12	7	21.22	21.31	21.22			
5	64QAM	12	13	21.09	21.31	21.27			
5	64QAM	25	0	21.04	21.31	21.15	22	3	

Band 25_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power		Power		Tune-up limit (dBm)	MPR (dB)		
				Low Ch / Freq 26140	Midle Ch / Freq 26140	High Ch / Freq 26600					
Channel											
Frequency (MHz)											
20	QPSK	1	0	21.70	21.84	21.74	23	0			
20	QPSK	1	49	21.82	21.99	21.84					
20	QPSK	1	99	21.80	21.93	21.77					
20	QPSK	50	0	21.67	21.96	21.74					
20	QPSK	50	24	21.69	21.98	21.76	23	0			
20	QPSK	50	50	21.70	21.92	21.72					
20	QPSK	100	0	21.67	21.95	21.76					
20	16QAM	1	0	21.79	21.83	21.81					
20	16QAM	1	49	21.85	21.93	21.89	23	0			
20	16QAM	1	99	21.81	21.85	21.82					
20	16QAM	50	0	21.80	21.86	21.84					
20	16QAM	50	24	21.83	21.88	21.86					
20	16QAM	50	50	21.84	21.88	21.85	23	0			
20	16QAM	100	0	21.81	21.88	21.84					
20	64QAM	1	0	21.77	21.81	21.75					
20	64QAM	1	49	21.87	21.93	21.90	23	0			
20	64QAM	1	99	21.85	21.91	21.86					
20	64QAM	50	0	21.84	21.90	21.84					
20	64QAM	50	24	21.85	21.90	21.89					
20	64QAM	50	50	21.82	21.84	21.76	22	1			
20	64QAM	100	0	21.85	21.89	21.85					
Channel											
Frequency (MHz)											
15	QPSK	1	0	21.76	21.76	21.79	23	0			
15	QPSK	1	37	21.96	21.97	21.91					
15	QPSK	1	74	21.91	21.91	21.84					
15	QPSK	36	0	21.87	21.95	21.88					
15	QPSK	36	20	21.92	21.91	21.93	23	0			
15	QPSK	36	36	21.91	21.95	21.95					
15	QPSK	75	0	21.83	21.82	21.83					
15	16QAM	1	0	21.76	21.79	21.82					
15	16QAM	1	37	21.86	21.83	21.83	23	0			
15	16QAM	1	74	21.75	21.81	21.77					
15	16QAM	36	0	21.81	21.76	21.77					
15	16QAM	36	20	21.90	21.75	21.90					
15	16QAM	36	36	21.85	21.84	21.87	23	0			
15	16QAM	75	0	21.81	21.84	21.80					
15	64QAM	1	0	21.79	21.71	21.80					
15	64QAM	1	37	21.87	21.89	21.83	23	0			
15	64QAM	1	74	21.90	21.83	21.86					
15	64QAM	36	0	21.77	21.85	21.83					
15	64QAM	36	20	21.85	21.86	21.87					
15	64QAM	36	36	21.75	21.76	21.74	22	1			
15	64QAM	75	0	21.85	21.83	21.88					
Channel											
Frequency (MHz)											
10	QPSK	1	0	21.74	21.80	21.83	23	0			
10	QPSK	1	26	21.86	21.96	21.91					
10	QPSK	1	49	21.85	21.89	21.86					
10	QPSK	25	0	21.91	21.90	21.90					
10	QPSK	25	12	21.90	21.92	21.89	23	0			
10	QPSK	25	26	21.87	21.84	21.85					
10	QPSK	50	0	21.89	21.82	21.81					
10	16QAM	1	0	21.75	21.74	21.74					
10	16QAM	1	26	21.83	21.91	21.90	23	0			
10	16QAM	1	49	21.89	21.76	21.83					
10	16QAM	25	0	21.81	21.84	21.80					
10	16QAM	25	12	21.83	21.86	21.90					
10	16QAM	25	26	21.83	21.78	21.84	23	0			
10	16QAM	50	0	21.78	21.78	21.78					
10	64QAM	1	0	21.78	21.73	21.73					
10	64QAM	1	12	21.84	21.83	21.80	23	0			
10	64QAM	1	26	21.85	21.89	21.88					
10	64QAM	25	0	21.82	21.80	21.77					
10	64QAM	25	12	21.86	21.87	21.82					
10	64QAM	25	26	21.75	21.75	21.80	22	1			
10	64QAM	50	0	21.84	21.86	21.85					
Channel											
Frequency (MHz)											
5	QPSK	1	0	21.80	21.77	21.80	23	0			
5	QPSK	1	12	21.91	21.98	21.95					
5	QPSK	1	24	21.90	21.89	21.86					
5	QPSK	12	0	21.86	21.91	21.94					
5	QPSK	12	7	21.90	21.93	21.97	23	0			
5	QPSK	12	13	21.86	21.83	21.82					
5	QPSK	25	0	21.85	21.81	21.83					
5	16QAM	1	0	21.79	21.79	21.81					
5	16QAM	1	12	21.87	21.86	21.86	23	0			
5	16QAM	1	24	21.82	21.76	21.82					
5	16QAM	12	0	21.84	21.77	21.79					
5	16QAM	12	7	21.87	21.87	21.84					
5	16QAM	12	13	21.82	21.85	21.75	23	0			
5	16QAM	25	0	21.78	21.82	21.81					
5	64QAM	1	0	21.74	21.72	21.74					
5	64QAM	1	12	21.92	21.83	21.83					
5	64QAM	1	24	21.90	21.86	21.81	23	0			
5	64QAM	12	0	21.76	21.80	21.77					
5	64QAM	12	7	21.81	21.84	21.85					
5	64QAM	12	13	21.79	21.76	21.75					
5	64QAM	25	0	21.80	21.81	21.88	22	1			
Channel											
Frequency (MHz)											
3	QPSK	1	0	21.81	21.75	21.75	23	0			
3	QPSK	1	8	21.90	21.91	21.90					
3	QPSK	1	14	21.86	21.86	21.86					
3	QPSK	8	0	21.89	21.87	21.89					
3	QPSK	8	4	21.91	21.90	21.97	23	0			
3	QPSK	8	7	21.86	21.88	21.83					
3	QPSK	15	0	21.80	21.85	21.81					
3	16QAM	1	0	21.73	21.82	21.77					
3	16QAM	1	8	21.86	21.90	21.89	23	0			
3	16QAM	1	14	21.81	21.77	21.83					
3	16QAM	8	0	21.79	21.81	21.77					
3	16QAM	8	7	21.80	21.79	21.83					
3	16QAM	15	0	21.87	21.86	21.81	23	0			
3	64QAM	1	0	21.72	21.79	21.80					
3	64QAM	1	8	21.83	21.83	21.90					
3	64QAM	1	14	21.87	21.80	21.86					
3	64QAM	8	0	21.81	21.77	21.77	22	1			
3	64QAM	8	4	21.83	21.85	21.87					
3	64QAM	8	7	21.75	21.80	21.76					
3	64QAM	15	0	21.82	21.85	21.81					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	21.77	21.77	21.79	23	0			
1.4	QPSK	1	3	21.91	21.93	21.92					
1.4	QPSK	1	5	21.83	21.91	21.89					
1.4	QPSK	3	0	21.88	21.91	21.87					
1.4	QPSK	3	1	21.94	21.97	21.99	23	0			
1.4	QPSK	3	3	21.85	21.89	21.87					
1.4	QPSK	6	0	21.88	21.81	21.89					
1.4	16QAM	1	0	21.79	21.77	21.81					
1.4	16QAM	1	3	21.90	21.85	21.92	23	0			
1.4	16QAM	1	5	21.76	21.79	21.79					
1.4	16QAM	3	0	21.81	21.79	21.81					
1.4	16QAM	3	1	21.90	21.90	21.87					
1.4	16QAM	3	3	21.78	21.81	21.84	23	0			
1.4	16QAM	6	0	21.84	21.83	21.81					
1.4	64QAM	1	0	21.75	21.76	21.72					
1.4	64QAM	1	3	21.83	21.89	21.86					
1.4	64QAM	1	5	21.85	21.90	21.84	23	0			
1.4	64QAM	3	0	21.76	21.84	21.81					
1.4	64QAM	3	1	21.83	21.80	21.84					
1.4	64QAM	3	3	21.78	21.82	21.80					
1.4	64QAM	6	0	21.86	21.83	21.86	22	1			
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	21.77	21.77	21.79	23	0			
1.4	QPSK	1	3	21.91	21.93	21.92					
1.4	QPSK	1	5	21.83	21.91	21.89					
1.4	QPSK	3	0	21.88	21.91	21.87					
1.4	QPSK	3	1	21.94	21.97	21.99	23	0			
1.4	QPSK	3	3	21.85	21.89	21.87					
1.4	QPSK	6	0	21.88	21.81	21.89					
1.4	16QAM	1	0	21.79	21.77	21.81					
1.4	16QAM	1	3	21.90	21.85	21.92	23	0			
1.4	16QAM	1	5	21.76	21.79	21.79					
1.4	16QAM	3	0	21.81	21.79	21.81					
1.4	16QAM	3	1	21.90	21.90	21.87					
1.4	16QAM	3	3	21.78	21.81	21.84	23	0			
1.4	16QAM	6	0	21.84	21.83	21.81					
1.4	64QAM	1	0	21.75	21.76	21.72					
1.4	64QAM	1	3	21.83	21.89	21.86					
1.4	64QAM	1	5	21.85	21.90	21.84	23	0			
1.4	64QAM	3	0	21.76	21.84	21.81					
1.4	64QAM	3	1	21.83	21.80	21.84					
1.4	64QAM	3	3	21.78	21.82	21.80					
1.4	64QAM	6	0	21.86	21.83	21.86	22	1			
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	21.77	21.77	21.79	23	0			
1.4	QPSK	1	3	21.91	21.93	21.92					
1.4	QPSK	1	5	21.83	21.91	21.89					
1.4	QPSK	3	0	21.88	21.91	21.87					
1.4	QPSK	3	1	21.94	21.97	21.99	23	0			
1.4	QPSK	3	3	21.85	21.89	21.87					
1.4	QPSK	6	0	21.88	21.81	21.89					
1.4	16QAM	1	0	21.79	21.77	21.81					
1.4	16QAM	1	3	21.90	21.85	21.92	23	0			
1.4	16QAM	1	5	21.76	21.79	21.79					
1.4	16QAM	3	0	21.81	21.79	21.81					
1.4	16QAM	3	1	21.90	21.90	21.87					
1.4	16QAM	3	3	21.78	21.81	21.84	23	0			
1.4	16QAM	6	0	21.84	21.83	21.81					
1.4	64QAM	1	0	21.75	21.76	21.72					
1.4	64QAM	1	3	21.83	21.89	21.86					
1.4	64QAM	1	5	21.85	21.90	21.84	23	0			
1.4	64QAM	3	0	21.76	21.84	21.81					
1.4	64QAM	3	1	21.83	21.80	21.84					
1.4	64QAM	3	3	21.78	21.82	21.80					
1.4	64QAM	6	0	21.86	21.83	21.86	22	1			
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	21.77	21.77	21.79	23	0			
1.4	QPSK	1	3	21.91	21.93	21.92					
1.4	QPSK	1	5	21.83	21.91	21.89					
1.4	QPSK	3	0	21.88	21.91	21.87					
1.4	QPSK	3	1	21.94	21.97	21.99	23	0			
1.4	QPSK	3	3	21.85	21.89	21.87					
1.4	QPSK	6	0	21.88	21.81	21.89					
1.4	16QAM	1	0	21.79	21.77	21.81					
1.4	16QAM	1	3	21.90	21.85	21.92	23	0			
1.4	16QAM	1	5	21.7							

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BW (MHz)	Modulation	Channel	RB Size	RB Offset	Power Low Ch. / Freq. 130092	Power Middle Ch. / Freq. 130352	Power High Ch. / Freq. 130592	Tune-up limit (dBm)	MPR (dB)		
Channel											
Frequency (MHz)											
20	QPSK	1	0	0	19.22	19.23	19.24	20.5	0		
20	QPSK	1	46	0	19.32	19.35	19.24				
20	QPSK	1	99	0	19.34	19.27	19.15				
20	QPSK	50	0	0	19.33	19.32	19.13				
20	QPSK	50	24	0	19.21	19.34	19.24	20.5	0		
20	QPSK	50	50	0	19.30	19.28	19.15				
20	QPSK	100	0	0	19.31	19.31	19.12				
20	16QAM	1	0	0	19.34	19.23	19.19				
20	16QAM	1	46	0	19.24	19.30	19.16	20.5	0		
20	16QAM	1	99	0	19.28	19.30	19.21				
20	16QAM	50	0	0	19.14	19.28	19.14				
20	16QAM	50	24	0	19.17	19.22	19.23				
20	16QAM	50	50	0	19.06	19.26	19.21	20.5	0		
20	16QAM	100	0	0	19.18	19.20	19.17				
20	64QAM	1	0	0	19.14	19.26	19.10				
20	64QAM	1	46	0	19.16	19.21	19.20	20.5	0		
20	64QAM	1	99	0	19.07	19.28	19.17				
20	64QAM	50	0	0	19.19	19.21	19.13				
20	64QAM	50	24	0	19.21	19.34	19.11				
20	64QAM	50	50	0	19.18	19.21	19.24	20.5	0		
20	64QAM	100	0	0	19.14	19.35	19.10				
Channel											
Frequency (MHz)											
15	QPSK	1	0	0	19.24	19.23	19.23	20.5	0		
15	QPSK	1	37	0	19.26	19.30	19.11				
15	QPSK	1	74	0	19.27	19.14	19.03				
15	QPSK	36	0	0	19.32	19.32	19.05				
15	QPSK	36	20	0	19.21	19.31	19.15	20.5	0		
15	QPSK	36	36	0	19.18	19.23	19.05				
15	QPSK	75	0	0	19.16	19.17	19.05				
15	16QAM	1	0	0	19.20	19.14	19.03				
15	16QAM	1	37	0	19.17	19.15	19.11	20.5	0		
15	16QAM	1	74	0	19.22	19.26	19.10				
15	16QAM	36	0	0	19.13	19.24	19.01				
15	16QAM	36	20	0	19.12	19.10	19.09				
15	16QAM	36	36	0	18.94	19.23	19.18	20.5	0		
15	16QAM	75	0	0	19.05	19.18	19.14				
15	64QAM	1	0	0	19.11	19.11	19.03				
15	64QAM	1	37	0	19.06	19.19	19.17	20.5	0		
15	64QAM	1	74	0	18.93	19.26	19.13				
15	64QAM	36	0	0	19.18	19.08	19.03				
15	64QAM	36	20	0	19.18	19.28	19.03				
15	64QAM	36	36	0	19.09	19.19	19.20	20.5	0		
15	64QAM	75	0	0	19.12	19.29	18.97				
Channel											
Frequency (MHz)											
10	QPSK	1	0	0	19.26	19.21	19.15	20.5	0		
10	QPSK	1	25	0	19.34	19.29	19.20				
10	QPSK	1	46	0	19.26	19.27	19.08				
10	QPSK	25	0	0	19.32	19.27	18.98				
10	QPSK	25	12	0	19.13	19.24	19.05	20.5	0		
10	QPSK	25	25	0	19.20	19.25	19.10				
10	QPSK	50	0	0	19.27	19.24	19.04				
10	16QAM	1	0	0	19.34	19.19	19.08				
10	16QAM	1	25	0	19.22	19.20	19.11	20.5	0		
10	16QAM	1	46	0	19.21	19.18	19.20				
10	16QAM	25	0	0	19.09	19.16	19.08				
10	16QAM	25	12	0	19.07	19.22	19.15				
10	16QAM	25	25	0	19.06	19.11	19.15	20.5	0		
10	16QAM	50	0	0	19.10	19.14	19.12				
10	64QAM	1	0	0	19.11	19.14	19.01				
10	64QAM	1	25	0	19.11	19.09	19.09	20.5	0		
10	64QAM	1	46	0	18.96	19.28	19.03				
10	64QAM	25	0	0	19.04	19.09	19.11				
10	64QAM	25	12	0	19.09	19.19	19.01				
10	64QAM	25	25	0	19.14	19.17	19.20	20.5	0		
10	64QAM	50	0	0	19.00	19.23	18.95				
Channel											
Frequency (MHz)											
5	QPSK	1	0	0	19.22	19.15	19.22	20.5	0		
5	QPSK	1	12	0	19.25	19.31	19.13				
5	QPSK	1	24	0	19.24	19.16	19.06				
5	QPSK	12	0	0	19.20	19.20	19.11				
5	QPSK	12	7	0	19.21	19.25	19.18	20.5	0		
5	QPSK	12	13	0	19.22	19.17	19.15				
5	QPSK	25	0	0	19.30	19.23	19.05				
5	16QAM	1	0	0	19.19	19.08	19.14				
5	16QAM	1	12	0	19.23	19.22	19.15	20.5	0		
5	16QAM	1	24	0	19.22	19.20	19.14				
5	16QAM	12	0	0	19.03	19.14	19.01				
5	16QAM	12	7	0	19.02	19.08	19.11				
5	16QAM	12	13	0	18.95	19.12	19.12	20.5	0		
5	16QAM	25	0	0	19.11	19.06	19.09				
5	64QAM	1	0	0	19.08	19.25	19.03				
5	64QAM	1	12	0	19.09	19.06	19.15	20.5	0		
5	64QAM	1	24	0	18.94	19.21	19.13				
5	64QAM	12	0	0	19.12	19.10	19.10				
5	64QAM	12	7	0	19.19	19.30	19.00				
5	64QAM	12	13	0	19.08	19.19	19.18	20.5	0		
5	64QAM	25	0	0	18.99	19.32	19.10				
Channel											
Frequency (MHz)											
3	QPSK	1	0	0	19.26	19.16	19.14	20.5	0		
3	QPSK	1	8	0	19.24	19.22	19.14				
3	QPSK	1	14	0	19.21	19.27	19.04				
3	QPSK	8	0	0	19.24	19.25	19.10				
3	QPSK	8	4	0	19.21	19.25	19.15	20.5	0		
3	QPSK	8	7	0	19.18	19.23	19.08				
3	QPSK	15	0	0	19.26	19.29	19.00				
3	16QAM	1	0	0	19.30	19.18	19.18				
3	16QAM	1	8	0	19.11	19.21	19.01	20.5	0		
3	16QAM	1	14	0	19.28	19.26	19.07				
3	16QAM	8	0	0	19.06	19.19	19.07				
3	16QAM	8	4	0	19.13	19.20	19.21				
3	16QAM	8	7	0	19.04	19.11	19.10	20.5	0		
3	16QAM	15	0	0	19.03	19.11	19.03				
3	64QAM	1	0	0	19.05	19.19	19.05				
3	64QAM	1	8	0	19.01	19.20	19.07				
3	64QAM	14	0	0	18.98	19.21	19.07	20.5	0		
3	64QAM	8	0	0	19.18	19.21	19.11				
3	64QAM	8	4	0	19.15	19.24	19.02				
3	64QAM	8	7	0	19.07	19.09	19.21				
3	64QAM	15	0	0	19.06	19.29	19.04	20.5	0		
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	0	19.13	19.15	19.21	20.5	0		
1.4	QPSK	1	3	0	19.26	19.28	19.10				
1.4	QPSK	1	6	0	19.34	19.18	19.10				
1.4	QPSK	3	0	0	19.24	19.18	19.00				
1.4	QPSK	3	1	0	19.20	19.20	19.22	20.5	0		
1.4	QPSK	3	3	0	19.15	19.25	19.00				
1.4	QPSK	6	0	0	19.18	19.31	18.97				
1.4	16QAM	1	0	0	19.32	19.16	19.16				
1.4	16QAM	1	3	0	19.20	19.15	19.13	20.5	0		
1.4	16QAM	1	6	0	19.25	19.15	19.21				
1.4	16QAM	3	0	0	19.11	19.25	19.10				
1.4	16QAM	3	1	0	19.09	19.17	19.17				
1.4	16QAM	3	3	0	19.01	19.11	19.11	20.5	0		
1.4	16QAM	6	0	0	19.03	19.20	19.09				
1.4	16QAM	1	0	0	19.05	19.26	18.98				
1.4	64QAM	1	0	0	19.09	19.10	19.14				
1.4	64QAM	1	6	0	18.94	19.27	19.05	20.5	0		
1.4	64QAM	3	0	0	19.11	19.17	19.05				
1.4	64QAM	3	1	0	19.08	19.21	19.08	20.5	0		
1.4	64QAM	3	3	0	19.03	19.20	19.20				
1.4	64QAM	6	0	0	19.03	19.25	19.05	20.5	0		
1.4	64QAM	3	0	0	19.03	19.25	19.25				

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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	22.26	22.27	22.61	22.45	22.50	24	0		
20	QPSK	1	48	22.71	22.78	22.91	22.84	22.80				
20	QPSK	1	96	22.47	22.58	22.63	22.55	22.45				
20	QPSK	50	0	21.47	21.46	21.71	21.58	21.67				
20	QPSK	50	24	21.55	21.63	21.74	21.68	21.61	23	1		
20	QPSK	50	50	21.54	21.63	21.63	21.57	21.53				
20	QPSK	100	0	21.53	21.58	21.72	21.67	21.63				
20	16QAM	1	0	21.41	21.40	21.70	21.56	21.57				
20	16QAM	1	48	21.79	21.83	21.96	21.86	21.82	23	1		
20	16QAM	1	96	21.52	21.67	21.67	21.61	21.56				
20	16QAM	50	0	20.46	20.52	20.79	20.66	20.70				
20	16QAM	50	24	20.62	20.66	20.77	20.64	20.68				
20	16QAM	50	50	20.60	20.62	20.68	20.63	20.52	22	2		
20	16QAM	100	0	20.61	20.63	20.67	20.76	20.72				
20	64QAM	1	0	20.14	20.12	20.36	20.26	20.36				
20	64QAM	1	48	20.56	20.65	20.72	20.64	20.71				
20	64QAM	1	96	20.26	20.39	20.42	20.38	20.28	22	2		
20	64QAM	50	0	19.47	19.54	19.75	19.64	19.63				
20	64QAM	50	24	19.60	19.67	19.74	19.66	19.65				
20	64QAM	50	50	19.57	19.64	19.69	19.59	19.56				
20	64QAM	100	0	19.58	19.64	19.82	19.71	19.67	21	3		
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.23	22.23	22.52	22.37	22.37	24	0		
15	QPSK	1	37	22.70	22.75	22.89	22.78	22.69				
15	QPSK	1	74	22.46	22.55	22.51	22.41	22.35				
15	QPSK	36	0	21.36	21.33	21.69	21.42	21.60				
15	QPSK	36	0	21.51	21.50	21.69	21.68	21.60	23	1		
15	QPSK	36	39	21.51	21.59	21.55	21.55	21.53				
15	QPSK	75	0	21.41	21.44	21.71	21.52	21.57				
15	16QAM	1	0	21.28	21.34	21.60	21.41	21.44				
15	16QAM	1	37	21.74	21.82	21.84	21.75	21.81	23	1		
15	16QAM	1	74	21.41	21.53	21.67	21.47	21.50				
15	16QAM	36	0	20.46	20.42	20.64	20.62	20.55				
15	16QAM	36	0	20.48	20.54	20.72	20.61	20.62				
15	16QAM	36	39	20.47	20.51	20.67	20.54	20.37	22	2		
15	16QAM	75	0	20.48	20.56	20.79	20.67	20.72				
15	64QAM	1	0	20.14	20.02	20.23	20.16	20.27				
15	64QAM	1	37	20.45	20.58	20.61	20.64	20.70				
15	64QAM	1	74	20.14	20.34	20.28	20.28	20.20	22	2		
15	64QAM	36	0	19.40	19.49	19.73	19.49	19.53				
15	64QAM	36	0	19.58	19.66	19.66	19.53	19.54				
15	64QAM	36	39	19.57	19.54	19.63	19.44	19.43				
15	64QAM	75	0	19.56	19.61	19.71	19.62	19.60	21	3		
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.01	22.03	22.47	22.16	22.68	24	0		
10	QPSK	1	0	22.21	22.12	22.59	22.31	22.38				
10	QPSK	1	25	22.29	22.25	22.84	22.75	22.76				
10	QPSK	1	49	22.34	22.48	22.53	22.45	22.37				
10	QPSK	25	0	21.4	21.36	21.64	21.51	21.6	23	1		
10	QPSK	25	12	21.4	21.63	21.71	21.56	21.59				
10	QPSK	25	25	21.45	21.6	21.63	21.57	21.46				
10	QPSK	50	0	21.45	21.57	21.67	21.54	21.5				
10	16QAM	1	0	21.38	21.39	21.62	21.43	21.43	23	1		
10	16QAM	1	25	21.7	21.7	21.81	21.77	21.79				
10	16QAM	1	49	21.42	21.65	21.56	21.51	21.52				
10	16QAM	25	0	20.36	20.46	20.76	20.61	20.69				
10	16QAM	25	12	20.6	20.51	20.77	20.56	20.58	22	2		
10	16QAM	25	25	20.48	20.47	20.64	20.63	20.48				
10	16QAM	50	0	20.54	20.51	20.74	20.61	20.65				
10	16QAM	50	0	20.01	20.01	20.25	20.25	20.35				
10	64QAM	1	25	20.56	20.52	20.59	20.57	20.59	22	2		
10	64QAM	1	49	20.15	20.29	20.28	20.27	20.27				
10	64QAM	25	0	19.38	19.53	19.69	19.64	19.57				
10	64QAM	25	12	19.47	19.6	19.74	19.66	19.51				
10	64QAM	25	25	19.47	19.53	19.61	19.55	19.46	21	3		
10	64QAM	50	0	19.54	19.61	19.68	19.69	19.69				
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.08	22.03	22.58	22.38	22.48	24	0		
5	QPSK	1	12	22.58	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.55	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2		
5	16QAM	25	0	20.6	20.56	20.86	20.65	20.63				
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35				
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66				
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	22	2		
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6				
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5				
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5				
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	21	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.08	22.01	22.58	22.38	22.48	24	0		
5	QPSK	1	12	22.58	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.55	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2		
5	16QAM	25	0	20.6	20.56	20.86	20.65	20.63				
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35				
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66				
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	22	2		
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6				
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5				
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5				
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	21	3		

Reduced Power for DSI1

<GSM_Power_State1>

GSM850_Ant 1	Burst Average Power (dBm)			Frame Average Power (dBm)		
	TX Channel	Limit	Tune-up	Limit	Tune-up	Limit
Frequency (MHz)	824.2	838.4	848.8	824.2	838.4	848.8
GSM 1 Tx slot	32.77	32.53	32.22	33.30	33.11	33.55
GPRS 1 Tx slot	32.77	32.41	32.80	33.30	33.77	23.41
GPRS 2 Tx slots	29.12	29.15	29.32	30.50	23.12	23.15
GPRS 3 Tx slots	28.05	28.04	28.12	28.50	23.83	23.78
GPRS 4 Tx slots	28.84	28.91	28.83	27.50	23.84	23.91
EDGE 1 Tx slot	27.17	27.32	27.52	28.00	18.17	18.32
EDGE 2 Tx slots	23.54	23.55	23.56	24.50	17.54	17.55
EDGE 3 Tx slots	22.51	22.55	22.54	23.50	18.25	18.29
EDGE 4 Tx slots	21.42	21.33	21.34	22.50	18.42	18.33

GSM1900_Ant 1	Burst Average Power (dBm)			Frame Average Power (dBm)		
	TX Channel	Limit	Tune-up	Limit	Tune-up	Limit
Frequency (MHz)	1850.2	1860	1869.8	1850.2	1860	1869.8
GSM 1 Tx slot	29.65	29.99	29.73	30.70	20.85	20.99
GPRS 1 Tx slot	29.95	30.01	29.99	30.70	20.95	21.01
GPRS 2 Tx slots	26.66	27.15	27.33	28.00	20.66	21.15
GPRS 3 Tx slots	23.52	26.05	26.18	27.00	21.26	21.79
GPRS 4 Tx slots	24.57	24.91	25.02	26.00	21.57	21.91
EDGE 1 Tx slot	26.67	26.88	26.92	28.00	17.67	17.88
EDGE 2 Tx slots	23.52	23.66	23.88	24.50	17.52	17.66
EDGE 3 Tx slots	22.44	22.78	22.81	23.50	18.18	18.52
EDGE 4 Tx slots	21.45	21.63	21.91	22.50	18.45	18.63

<WCDMA_State1>

Band	WCDMA_I_Ant 1			WCDMA_IV_Ant 1			WCDMA_V_Ant 0		
	TX Channel	Limit	Tune-up	Limit	Tune-up	Limit	Limit	Tune-up	Limit
Rx Channel	9662	9690	9638	1312	1413	1513	4132	4182	4233
Frequency (MHz)	9662	9690	9638	1537	1638	1738	4357	4407	4458
	1852.4	1886	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	23.35	23.30	23.04	24.00	22.79	22.81	22.78	24.00
3GPP Rel 99	AMR 12.2Kbps	23.31	23.37	23.08	24.00	22.80	22.83	22.79	24.00
3GPP Rel 6	HSDPA Subtest-1	22.31	22.30	22.07	23.00	21.77	21.82	21.72	22.50
3GPP Rel 6	HSDPA Subtest-2	22.29	22.21	22.07	23.00	21.70	21.74	21.66	22.50
3GPP Rel 6	HSDPA Subtest-3	21.81	21.73	21.53	22.50	21.16	21.29	21.20	22.00
3GPP Rel 6	HSDPA Subtest-4	21.82	21.77	21.58	22.50	21.18	21.26	21.14	22.00
3GPP Rel 6	DC-HSDPA Subtest-1	22.19	22.20	22.07	23.00	21.68	21.67	21.66	22.50
3GPP Rel 6	DC-HSDPA Subtest-2	22.22	22.15	22.05	23.00	21.56	21.70	21.55	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.72	21.60	21.52	22.50	21.08	21.17	21.19	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.75	21.70	21.58	22.50	21.05	21.16	21.04	22.00
3GPP Rel 6	HSUPA Subtest-1	20.39	20.41	20.16	21.50	19.77	19.80	19.75	20.50
3GPP Rel 6	HSUPA Subtest-2	20.40	20.31	20.11	21.50	19.77	19.81	19.82	20.50
3GPP Rel 6	HSUPA Subtest-3	21.39	21.38	21.10	22.50	20.79	20.86	20.73	21.50
3GPP Rel 6	HSUPA Subtest-4	19.93	19.83	19.62	21.00	19.31	19.35	19.26	20.50
3GPP Rel 6	HSUPA Subtest-5	21.30	21.30	21.00	22.50	20.70	20.80	20.70	21.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.79	21.68	21.56	22.50	21.68	21.74	21.58	22.50

Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 18700	Power Midle Ch. Freq. 18800	Power High Ch. Freq. 19000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	23.67	23.74	23.54	25	0
20	QPSK	1	49	23.76	23.92	23.72		
20	QPSK	1	99	23.59	23.43	23.41		
20	QPSK	50	0	23.63	23.91	22.76	24	1
20	QPSK	50	24	22.80	23.03	22.68		
20	QPSK	100	0	22.73	22.84	22.52		
20	16QAM	1	0	23.04	23.00	22.77	24	1
20	16QAM	1	49	23.07	23.15	23.01		
20	16QAM	1	99	22.87	22.73	22.65		
20	16QAM	50	0	21.81	21.90	21.71	23	2
20	16QAM	50	24	21.59	21.68	21.66		
20	16QAM	50	50	21.84	21.72	21.51		
20	16QAM	100	0	21.83	21.77	21.61	23	2
20	64QAM	1	0	21.85	21.85	21.70		
20	64QAM	1	49	22.06	21.90	21.90		
20	64QAM	1	99	21.74	21.64	21.60	22	3
20	64QAM	50	0	20.86	21.05	20.76		
20	64QAM	50	24	21.05	20.87	20.70		
20	64QAM	50	50	20.83	20.76	20.53	22	3
20	64QAM	100	0	20.85	20.84	20.64		
Channel								
Frequency (MHz)								
15	QPSK	1	0	23.65	23.81	23.54	25	0
15	QPSK	1	37	23.62	23.89	23.67		
15	QPSK	1	74	23.44	23.37	23.37		
15	QPSK	36	0	22.75	22.89	22.67	24	1
15	QPSK	36	20	22.67	22.83	22.58		
15	QPSK	75	0	22.71	22.78	22.50		
15	QPSK	1	0	22.80	22.88	22.76	24	1
15	16QAM	1	74	22.70	22.84	22.54		
15	16QAM	36	0	21.81	21.85	21.58		
15	16QAM	36	39	21.70	21.59	21.50	23	2
15	16QAM	75	0	21.70	21.62	21.46		
15	64QAM	1	0	21.83	21.83	21.60		
15	64QAM	1	37	21.99	21.99	21.77	23	2
15	64QAM	1	74	21.65	21.55	21.50		
15	64QAM	36	0	20.78	20.84	20.61		
15	64QAM	36	20	20.86	20.84	20.65	22	3
15	64QAM	36	39	20.80	20.74	20.39		
15	64QAM	75	0	20.79	20.72	20.63		
Channel								
Frequency (MHz)								
10	QPSK	1	0	23.56	23.85	23.42	25	0
10	QPSK	1	26	23.68	23.89	23.60		
10	QPSK	1	49	23.45	23.43	23.34		
10	QPSK	25	0	22.79	22.87	22.72	24	1
10	QPSK	25	12	22.80	23.03	22.54		
10	QPSK	50	0	22.71	22.77	22.38		
10	QPSK	80	0	22.67	22.77	22.50	24	1
10	16QAM	1	0	22.87	23.03	22.74		
10	16QAM	1	26	23.00	23.14	23.01		
10	16QAM	1	49	22.73	22.79	22.51	24	1
10	16QAM	25	0	21.71	21.84	21.68		
10	16QAM	25	12	21.78	21.76	21.53		
10	16QAM	25	26	21.75	21.59	21.42	23	2
10	16QAM	50	0	21.70	21.74	21.48		
10	64QAM	1	0	21.76	21.77	21.67		
10	64QAM	1	26	21.81	21.82	21.75	23	2
10	64QAM	1	49	21.73	21.49	21.56		
10	64QAM	25	0	20.83	20.83	20.73		
10	64QAM	25	12	21.01	20.77	20.56	22	3
10	64QAM	25	26	20.72	20.66	20.51		
10	64QAM	50	0	20.84	20.79	20.49		
Channel								
Frequency (MHz)								
5	QPSK	1	0	23.62	23.72	23.39	25	0
5	QPSK	1	12	23.75	23.84	23.37		
5	QPSK	1	24	23.51	23.42	23.40		
5	QPSK	12	0	22.77	22.87	22.69	24	1
5	QPSK	12	7	22.72	22.88	22.55		
5	QPSK	12	13	22.68	22.70	22.37		
5	QPSK	25	0	22.74	22.84	22.49	24	1
5	16QAM	1	0	22.85	23.07	22.65		
5	16QAM	1	12	23.07	23.15	22.79		
5	16QAM	1	24	22.71	22.82	22.61	23	2
5	16QAM	12	0	21.72	21.90	21.70		
5	16QAM	12	7	21.65	21.82	21.65		
5	16QAM	12	13	21.74	21.70	21.25	23	2
5	16QAM	25	0	21.69	21.84	21.46		
5	64QAM	1	10	21.57	21.66	21.54		
5	64QAM	1	12	21.95	21.99	21.90	23	2
5	64QAM	1	24	21.64	21.61	21.49		
5	64QAM	12	0	20.80	21.02	20.63		
5	64QAM	12	7	21.02	20.85	20.62	22	3
5	64QAM	12	13	20.74	20.75	20.39		
5	64QAM	25	0	20.88	20.83	20.58		
Channel								
Frequency (MHz)								
3	QPSK	1	0	23.53	23.65	23.40	25	0
3	QPSK	1	8	23.62	23.77	23.70		
3	QPSK	1	14	23.52	23.31	23.28		
3	QPSK	8	0	22.75	22.82	22.70	24	1
3	QPSK	8	4	22.66	22.80	22.54		
3	QPSK	8	8	22.71	22.77	22.36		
3	QPSK	15	0	22.71	22.81	22.51	24	1
3	16QAM	1	0	23.04	23.07	22.74		
3	16QAM	1	8	23.02	23.03	22.79		
3	16QAM	1	14	22.61	22.79	22.58	24	1
3	16QAM	8	0	21.20	21.79	21.66		
3	16QAM	8	4	21.82	21.67	21.53		
3	16QAM	8	7	21.71	21.61	21.48	23	2
3	16QAM	15	0	21.68	21.69	21.46		
3	64QAM	1	0	21.75	21.78	21.59		
3	64QAM	1	6	21.93	21.85	21.75	23	2
3	64QAM	1	14	21.69	21.54	21.58		
3	64QAM	8	0	20.77	20.87	20.71		
3	64QAM	8	4	21.05	20.73	20.65	22	3
3	64QAM	8	7	20.81	20.82	20.52		
3	64QAM	15	0	20.79	20.71	20.52		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	23.62	23.59	23.42	25	0
1.4	QPSK	1	3	23.70	23.31	23.58		
1.4	QPSK	1	6	23.52	23.43	23.30		
1.4	QPSK	3	0	23.50	23.54	23.39	24	1
1.4	QPSK	3	1	23.59	23.86	23.44		
1.4	QPSK	3	3	23.45	23.33	23.30		
1.4	QPSK	6	0	22.80	22.77	22.53	23	2
1.4	16QAM	1	0	22.62	23.07	22.64		
1.4	16QAM	1	3	23.03	23.06	22.76		
1.4	16QAM	1	5	22.70	22.75	22.53	24	1
1.4	16QAM	3	0	22.75	23.04	22.64		
1.4	16QAM	3	1	23.02	23.02	22.75		
1.4	16QAM	3	3	22.70	22.67	22.38	23	2
1.4	16QAM	6	0	21.77	21.74	21.46		
1.4	64QAM	1	0	21.82	21.83	21.59		
1.4	64QAM	1	3	21.97	21.88	21.58	23	2
1.4	64QAM	1	5	21.71	21.60	21.55		
1.4	64QAM	3	0	21.82	21.89	21.48		
1.4	64QAM	3	1	21.94	21.77	21.53	23	2
1.4	64QAM	3	3	21.70	21.70	21.47		
1.4	64QAM	6	0	20.87	20.70	20.84		

Band 5_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq. offset	Power Middle Ch / Freq. offset	Power High Ch / Freq. offset	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				125	136.5	144		
10	QPSK	1	0	21.09	21.11	21.11	22.5	0
10	QPSK	1	25	21.24	21.25	21.15		
10	QPSK	1	49	21.23	21.10	21.00		
10	QPSK	25	0	21.15	21.14	21.08		
10	QPSK	25	12	21.19	21.20	21.11		
10	QPSK	25	25	21.11	21.13	21.07	22.5	0
10	QPSK	50	0	21.17	21.25	21.15		
10	16QAM	1	0	21.12	21.14	21.06		
10	16QAM	1	25	21.19	21.24	21.08		
10	16QAM	1	49	21.17	21.14	21.11		
10	16QAM	25	0	20.79	20.86	20.81	22.5	0
10	16QAM	25	12	20.84	20.87	20.83		
10	16QAM	25	25	20.84	20.81	20.68		
10	16QAM	50	0	20.83	20.80	20.79		
10	64QAM	1	0	21.02	20.93	20.95		
10	64QAM	1	25	21.13	21.04	21.08	22.5	0
10	64QAM	1	49	20.95	20.96	20.79		
10	64QAM	25	0	20.77	20.85	20.85		
10	64QAM	25	12	20.82	20.86	20.86		
10	64QAM	25	25	20.81	20.85	20.82		
10	64QAM	50	0	20.80	20.85	20.75	22	0.5
Channel				204.25	209.25	209.25		
Frequency (MHz)				144.5	146.5	146.5		
5	QPSK	1	0	21.00	21.07	21.02	22.5	0
5	QPSK	1	12	21.21	21.10	21.12		
5	QPSK	1	24	21.10	21.08	20.98		
5	QPSK	12	0	21.13	21.15	20.94		
5	QPSK	12	7	21.18	21.05	21.03		
5	QPSK	12	13	21.08	21.00	20.96	22.5	0
5	QPSK	25	0	21.11	21.21	21.13		
5	16QAM	1	0	21.00	21.00	21.03		
5	16QAM	1	12	21.16	21.20	21.00		
5	16QAM	1	24	21.13	21.12	21.06		
5	16QAM	12	0	20.89	20.88	20.79	22.5	0
5	16QAM	12	7	20.84	20.86	20.79		
5	16QAM	12	13	20.73	20.68	20.64		
5	16QAM	25	0	20.77	20.66	20.64		
5	64QAM	1	0	21.01	20.92	20.85		
5	64QAM	1	12	21.10	20.95	21.07	22.5	0
5	64QAM	1	24	20.81	20.95	20.70		
5	64QAM	12	0	20.69	20.83	20.74		
5	64QAM	12	7	20.77	20.78	20.78		
5	64QAM	12	13	20.66	20.73	20.60		
5	64QAM	25	0	20.69	20.78	20.63	22	0.5
Channel				204.75	209.75	209.75		
Frequency (MHz)				144.5	146.5	146.5		
3	QPSK	1	0	21.00	21.08	21.09	22.5	0
3	QPSK	1	8	21.12	21.20	21.13		
3	QPSK	1	14	21.22	21.06	20.89		
3	QPSK	8	0	21.06	21.17	20.93		
3	QPSK	8	4	21.10	20.90	21.11		
3	QPSK	8	7	21.10	21.07	20.85	22.5	0
3	QPSK	15	0	21.03	21.10	21.06		
3	16QAM	1	0	21.02	21.11	20.92		
3	16QAM	1	8	21.12	21.14	21.06		
3	16QAM	1	14	21.14	21.07	21.02		
3	16QAM	8	0	20.69	20.92	20.81	22.5	0
3	16QAM	8	4	20.88	20.83	20.80		
3	16QAM	8	7	20.79	20.89	20.83		
3	16QAM	15	0	20.79	20.80	20.70		
3	64QAM	1	0	20.95	20.95	20.84		
3	64QAM	1	8	21.10	21.02	21.07	22.5	0
3	64QAM	1	14	20.87	20.90	20.64		
3	64QAM	8	0	20.75	20.71	20.78		
3	64QAM	8	4	20.69	20.76	20.82		
3	64QAM	8	7	20.66	20.78	20.57		
3	64QAM	15	0	20.66	20.72	20.70	22	0.5
Channel				204.75	209.75	209.75		
Frequency (MHz)				144.7	146.5	146.3		
1.4	QPSK	1	0	21.05	21.06	21.03	22.5	0
1.4	QPSK	1	3	21.11	21.21	21.09		
1.4	QPSK	1	5	21.17	21.08	20.92		
1.4	QPSK	3	0	21.11	21.19	20.98		
1.4	QPSK	3	1	21.06	21.14	21.07		
1.4	QPSK	3	3	20.98	21.10	21.05	22.5	0
1.4	QPSK	6	0	21.14	21.09	21.15		
1.4	16QAM	1	0	21.11	21.03	21.08		
1.4	16QAM	1	3	21.11	21.23	21.03		
1.4	16QAM	1	5	21.09	21.06	21.08		
1.4	16QAM	3	0	21.02	20.94	20.90	22.5	0
1.4	16QAM	3	1	21.11	21.16	21.03		
1.4	16QAM	3	3	21.02	21.05	21.05		
1.4	16QAM	6	0	20.68	20.76	20.66		
1.4	64QAM	1	0	20.81	20.85	20.87		
1.4	64QAM	1	3	21.10	21.02	21.02	22.5	0
1.4	64QAM	1	5	20.87	20.86	20.69		
1.4	64QAM	3	0	20.80	20.73	20.84		
1.4	64QAM	3	1	21.00	20.90	20.89		
1.4	64QAM	3	3	20.84	20.83	20.54		
1.4	64QAM	6	0	20.76	20.81	20.70	22	0.5
Channel				204.75	209.75	209.75		
Frequency (MHz)				144.7	146.5	146.3		

Band 7_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power Hgh Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				20860	21100	21350		
				2310	2335	2350		
20	QPSK	1	0	22.60	22.77	22.70	24	0
20	QPSK	1	49	23.04	23.14	23.11		
20	QPSK	1	99	22.72	23.00	23.03		
20	QPSK	50	0	21.89	22.07	22.05		
20	QPSK	50	24	22.00	22.14	22.10		
20	QPSK	50	50	21.95	22.10	22.07	23	1
20	QPSK	100	0	21.82	22.05	22.02		
20	16QAM	1	0	21.83	21.97	21.86		
20	16QAM	1	49	22.22	22.37	22.29		
20	16QAM	1	99	21.80	22.15	22.17		
20	16QAM	50	0	20.88	21.07	21.07	22	2
20	16QAM	50	24	21.01	21.14	21.11		
20	16QAM	50	50	21.03	21.13	21.06		
20	16QAM	100	0	21.02	21.08	21.05		
20	64QAM	1	0	20.84	21.05	21.03		
20	64QAM	1	49	21.22	21.33	21.30	22	2
20	64QAM	1	99	21.01	21.11	21.15		
20	64QAM	50	0	19.80	20.07	20.05		
20	64QAM	50	24	20.03	20.11	20.11		
20	64QAM	50	50	19.87	20.10	20.06		
20	64QAM	100	0	19.81	20.05	20.05	21	3
Channel				20825	21100	21375		
Frequency (MHz)				20825	21100	21375		
15	QPSK	1	0	22.53	22.72	22.65	24	0
15	QPSK	1	37	23.04	23.02	23.11		
15	QPSK	1	74	22.60	22.85	22.83		
15	QPSK	36	0	21.88	21.95	22.02		
15	QPSK	36	20	21.88	22.10	22.03		
15	QPSK	36	39	21.85	21.97	21.92	23	1
15	QPSK	75	0	21.90	22.05	21.99		
15	16QAM	1	0	21.78	21.92	21.87		
15	16QAM	1	37	22.20	22.29	22.27		
15	16QAM	1	74	21.80	22.12	22.06		
15	16QAM	36	0	20.86	21.03	21.03	22	2
15	16QAM	36	20	21.00	21.08	21.09		
15	16QAM	36	39	20.84	21.12	21.05		
15	16QAM	75	0	20.84	21.03	21.03		
15	64QAM	1	0	20.72	20.82	20.78		
15	64QAM	1	37	21.15	21.19	21.20	22	2
15	64QAM	1	74	20.87	21.10	21.07		
15	64QAM	36	0	19.75	20.04	19.91		
15	64QAM	36	20	19.80	19.97	20.00		
15	64QAM	36	39	19.89	19.95	19.82		
15	64QAM	75	0	19.82	19.97	19.88	21	3
Channel				20800	21100	21400		
Frequency (MHz)				20800	21100	21400		
10	QPSK	1	0	22.58	22.68	22.70	24	0
10	QPSK	1	25	23.02	23.10	23.08		
10	QPSK	1	49	22.72	23.00	23.03		
10	QPSK	25	0	21.77	21.94	21.92		
10	QPSK	25	12	21.80	22.05	22.07		
10	QPSK	50	0	21.80	22.06	22.06	23	1
10	QPSK	50	0	21.81	21.99	21.92		
10	16QAM	1	0	21.69	21.90	21.91		
10	16QAM	1	25	22.18	22.34	22.31		
10	16QAM	1	49	21.89	22.12	22.08		
10	16QAM	25	0	20.88	21.07	21.01	22	2
10	16QAM	25	12	21.01	21.12	21.01		
10	16QAM	25	25	20.79	21.08	21.07		
10	16QAM	50	0	20.81	21.02	21.02		
10	64QAM	1	0	20.84	21.03	20.99		
10	64QAM	1	25	21.19	21.31	21.30	22	2
10	64QAM	1	49	20.86	21.08	21.01		
10	64QAM	25	0	19.87	20.10	20.04		
10	64QAM	25	12	19.88	19.96	20.06		
10	64QAM	25	25	19.87	20.10	20.04		
10	64QAM	50	0	19.84	19.94	19.84	21	3
Channel				20775	21100	21425		
Frequency (MHz)				20775	21100	21425		
5	QPSK	1	0	22.53	22.83	22.88	24	0
5	QPSK	1	12	23.03	23.08	23.01		
5	QPSK	1	24	22.69	22.94	22.90		
5	QPSK	12	0	21.85	22.07	21.92		
5	QPSK	12	7	21.83	21.89	22.10		
5	QPSK	12	13	21.84	22.10	21.97	23	1
5	QPSK	25	0	21.79	22.03	21.96		
5	16QAM	1	0	21.72	21.82	21.81		
5	16QAM	1	12	22.18	22.29	22.24		
5	16QAM	1	24	21.87	22.05	22.10		
5	16QAM	12	0	20.82	21.01	21.07	22	2
5	16QAM	12	7	21.01	21.09	21.09		
5	16QAM	12	13	20.79	21.01	21.08		
5	16QAM	25	0	20.86	21.08	21.00		
5	64QAM	1	0	20.80	21.00	20.80		
5	64QAM	1	12	21.09	21.22	21.20	22	2
5	64QAM	1	24	20.76	21.01	21.10		
5	64QAM	12	0	19.83	20.02	19.89		
5	64QAM	12	7	19.92	20.02	20.09		
5	64QAM	12	13	19.84	20.09	19.84		
5	64QAM	25	0	19.80	20.03	19.84	21	3
Channel				20650	20950	21250		
Frequency (MHz)				20650	20950	21250		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23060	Power Middle Ch. / Freq. 23095	Power High Ch. / Freq. 23150	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.91	23.94	23.92	25	0		
10	QPSK	1	25	24.10	24.12	24.09				
10	QPSK	1	49	23.97	24.04	23.99				
10	QPSK	25	0	23.09	23.05	23.13	24	1		
10	QPSK	25	12	23.12	23.14	23.12				
10	QPSK	25	25	23.04	23.10	23.03				
10	QPSK	50	0	23.05	23.11	23.07	24	1		
10	16QAM	1	0	23.20	23.12	23.07				
10	16QAM	1	25	23.32	23.31	23.33				
10	16QAM	1	49	23.20	23.20	23.21	23	2		
10	16QAM	25	0	22.01	22.03	22.11				
10	16QAM	25	12	22.06	22.06	22.11				
10	16QAM	25	25	22.10	22.01	22.05	23	2		
10	16QAM	50	0	22.04	22.02	22.11				
10	64QAM	12	0	22.16	22.12	22.08				
10	64QAM	1	25	22.31	22.25	22.30	23	2		
10	64QAM	1	49	22.22	22.17	22.20				
10	64QAM	25	0	21.03	21.05	21.15				
10	64QAM	25	12	21.13	21.14	21.15	22	3		
10	64QAM	25	25	21.13	21.04	21.08				
10	64QAM	50	0	21.07	21.06	21.13				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.91	23.93	23.83	25	0		
5	QPSK	1	12	24.08	24.08	23.99				
5	QPSK	1	24	23.86	23.92	23.92				
5	QPSK	12	0	22.84	23.01	23.13	24	1		
5	QPSK	12	7	23.04	23.00	23.00				
5	QPSK	12	13	23.05	23.05	23.05				
5	QPSK	25	0	23.00	23.02	23.02	24	1		
5	16QAM	1	0	23.19	23.07	23.08				
5	16QAM	1	24	23.09	23.08	23.13				
5	16QAM	12	0	22.01	21.88	21.96	23	2		
5	16QAM	12	7	21.95	21.93	22.01				
5	16QAM	12	13	22.01	21.87	21.87				
5	16QAM	25	0	21.97	21.96	22.02	23	2		
5	64QAM	1	0	22.12	22.04	22.07				
5	64QAM	1	12	22.21	22.22	22.17				
5	64QAM	1	24	22.20	22.05	22.10	22	3		
5	64QAM	12	0	21.03	21.06	21.02				
5	64QAM	12	7	21.05	21.06	21.01				
5	64QAM	12	13	21.02	21.06	21.07	22	3		
5	64QAM	25	0	21.03	21.08	21.07				
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.82	23.93	23.78	25	0		
3	QPSK	1	8	24.00	24.07	24.06				
3	QPSK	1	14	23.85	23.97	23.90				
3	QPSK	8	0	23.06	23.02	23.07	24	1		
3	QPSK	8	4	23.08	23.04	23.01				
3	QPSK	8	7	23.08	23.10	23.08				
3	QPSK	15	0	23.05	23.07	23.07	24	1		
3	16QAM	1	0	23.05	23.00	23.09				
3	16QAM	1	8	23.29	23.24	23.22				
3	16QAM	1	14	23.14	23.10	23.07	23	2		
3	16QAM	8	4	21.88	21.90	21.97				
3	16QAM	8	7	21.99	21.89	21.98				
3	16QAM	15	0	22.01	21.89	21.95	23	2		
3	64QAM	1	0	21.98	21.94	21.99				
3	64QAM	1	8	22.16	22.00	22.02				
3	64QAM	1	14	22.24	22.20	22.24	23	2		
3	64QAM	1	14	22.11	22.11	22.10				
3	64QAM	8	0	21.09	21.05	21.07				
3	64QAM	8	4	21.12	21.02	21.02	22	3		
3	64QAM	8	7	21.04	21.05	21.03				
3	64QAM	15	0	21.04	21.05	21.09				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	23.83	23.92	23.87	25	0		
1.4	QPSK	1	3	24.02	24.04	24.05				
1.4	QPSK	1	5	23.97	23.90	23.96				
1.4	QPSK	3	0	23.09	23.08	23.81	24	1		
1.4	QPSK	3	1	23.93	23.97	23.97				
1.4	QPSK	3	3	23.92	23.78	23.95				
1.4	QPSK	6	0	23.04	23.07	23.04	24	1		
1.4	16QAM	1	0	23.19	23.12	23.04				
1.4	16QAM	1	3	23.24	23.19	23.24				
1.4	16QAM	1	5	23.05	23.08	23.09	24	1		
1.4	16QAM	3	0	23.12	23.09	23.05				
1.4	16QAM	3	1	23.18	23.19	23.22				
1.4	16QAM	3	3	23.04	23.03	23.01	23	2		
1.4	16QAM	6	0	21.95	21.88	22.10				
1.4	64QAM	1	0	22.01	22.02	21.96				
1.4	64QAM	1	3	22.18	22.23	22.22	23	2		
1.4	64QAM	1	5	22.08	22.17	22.14				
1.4	64QAM	3	0	21.93	21.96	21.84				
1.4	64QAM	3	1	22.06	22.10	22.21	22	3		
1.4	64QAM	3	3	22.06	22.11	22.04				
1.4	64QAM	6	0	21.95	21.93	21.99				

Band 13_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]								
10	QPSK	1	0	712	712	712	23	0
10	QPSK	1	25	22.34	22.34	22.34		
10	QPSK	1	49	22.04	22.04	22.04		
10	QPSK	25	0	22.16	22.16	22.16	23	0
10	QPSK	25	12	22.20	22.20	22.20		
10	QPSK	25	25	22.12	22.12	22.12		
10	QPSK	50	0	22.18	22.18	22.18	23	0
10	16QAM	1	0	22.16	22.16	22.16		
10	16QAM	1	25	22.10	22.10	22.10		
10	16QAM	1	49	22.31	22.31	22.31	23	0
10	16QAM	25	0	22.20	22.20	22.20		
10	16QAM	25	12	22.22	22.22	22.22		
10	16QAM	25	25	22.07	22.07	22.07	23	0
10	16QAM	50	0	22.25	22.25	22.25		
10	64QAM	1	0	22.16	22.16	22.16		
10	64QAM	1	25	22.16	22.16	22.16	23	0
10	64QAM	1	49	22.18	22.18	22.18		
10	64QAM	25	0	21.18	21.18	21.18		
10	64QAM	25	12	21.22	21.22	21.22	22	1
10	64QAM	25	25	21.45	21.45	21.45		
10	64QAM	50	0	21.34	21.34	21.34		
Channel								
Frequency [MHz]								
5	QPSK	1	0	23200	23290	23250	23	0
5	QPSK	1	12	22.00	21.93	21.91		
5	QPSK	1	24	21.92	21.96	21.94		
5	QPSK	12	0	21.85	22.13	21.83	23	0
5	QPSK	12	7	22.13	22.10	22.12		
5	QPSK	12	13	22.02	22.19	22.19		
5	QPSK	25	0	21.91	22.15	22.05	23	0
5	16QAM	1	0	22.33	22.20	22.23		
5	16QAM	1	12	22.27	22.22	22.25		
5	16QAM	1	24	22.28	22.28	22.20	23	0
5	16QAM	12	0	21.84	22.13	21.83		
5	16QAM	12	7	22.13	22.13	22.13		
5	16QAM	12	13	21.99	22.17	22.18	23	0
5	16QAM	25	0	21.96	22.18	22.08		
5	64QAM	1	0	22.19	22.11	22.09		
5	64QAM	1	12	22.04	22.33	22.07	23	0
5	64QAM	1	24	22.13	22.13	22.05		
5	64QAM	12	0	20.85	21.19	20.95		
5	64QAM	12	7	21.17	21.14	21.14	22	1
5	64QAM	12	13	21.03	21.22	21.19		
5	64QAM	25	0	20.92	21.16	21.07		

Band 25_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power		Power	Power	Turn-up limit (dBm)	MPR (dB)		
				Low Ch / Freq 26140	Midle Ch / Freq 26340					High Ch / Freq 26560	
Channel											
Frequency (MHz)											
20	QPSK	1	0	23.76	23.82	23.83	25	0			
20	QPSK	1	49	23.97	24.01	23.85					
20	QPSK	1	99	23.60	23.68	23.51					
20	QPSK	50	0	23.08	23.02	23.02	24	1			
20	QPSK	50	24	23.06	23.07	22.85					
20	QPSK	100	0	23.00	23.03	22.67					
20	16QAM	1	0	23.04	23.05	22.81	24	1			
20	16QAM	1	0	23.02	23.05	22.81					
20	16QAM	1	49	23.23	23.17	22.97					
20	16QAM	50	1	22.82	22.82	22.71	23	2			
20	16QAM	50	0	21.95	22.01	21.89					
20	16QAM	50	24	21.98	21.96	21.81					
20	16QAM	50	50	21.95	21.88	21.70	23	2			
20	16QAM	100	0	21.92	21.94	21.82					
20	84QAM	1	0	22.00	21.95	21.77	23	2			
20	84QAM	1	49	22.21	22.14	22.02					
20	84QAM	1	99	21.91	21.76	21.67	22	3			
20	84QAM	50	0	21.05	21.05	21.06					
20	84QAM	50	24	21.02	21.08	20.84					
20	84QAM	50	50	21.04	21.04	20.74	22	3			
20	84QAM	100	0	21.06	21.09	20.85					
Channel											
Frequency (MHz)											
15	QPSK	1	0	26.15	26.340	26.615			25	0	
15	QPSK	1	37	23.95	23.79	23.55					
15	QPSK	1	74	23.46	23.36	23.27					
15	QPSK	36	0	23.02	23.07	22.84	24	1			
15	QPSK	36	20	22.85	23.07	22.80					
15	QPSK	36	36	22.81	23.02	22.65					
15	QPSK	75	0	22.83	23.00	22.67	24	1			
15	QPSK	1	0	22.89	23.01	22.78					
15	16QAM	1	0	23.20	23.16	23.00					
15	16QAM	1	74	22.78	22.73	22.66	23	2			
15	16QAM	36	0	21.90	21.86	21.89					
15	16QAM	36	20	21.85	21.96	21.79					
15	16QAM	36	36	21.81	21.80	21.55	23	2			
15	16QAM	75	0	21.90	21.85	21.68					
15	84QAM	1	0	21.99	21.95	21.68	22	3			
15	84QAM	1	37	22.08	22.08	21.98					
15	84QAM	1	74	21.83	21.62	21.55					
15	84QAM	36	0	20.87	21.04	20.87	22	3			
15	84QAM	36	20	20.87	21.00	20.70					
15	84QAM	36	36	20.89	20.81	20.74					
15	84QAM	75	0	21.03	20.80	20.82	25	0			
Channel											
Frequency (MHz)											
10	QPSK	1	0	23.73	23.79	23.61	25	0			
10	QPSK	1	26	23.63	23.69	23.55					
10	QPSK	1	49	23.45	23.59	23.43					
10	QPSK	25	0	22.85	23.02	23.01	24	1			
10	QPSK	25	12	23.06	23.01	22.70					
10	QPSK	25	26	22.80	23.05	22.54					
10	QPSK	50	0	22.88	23.01	22.71	24	1			
10	16QAM	1	0	22.88	23.02	22.70					
10	16QAM	1	26	23.14	23.11	22.95					
10	16QAM	1	49	23.01	22.75	22.69	23	2			
10	16QAM	25	0	21.95	22.01	21.88					
10	16QAM	25	26	21.97	21.82	21.65					
10	16QAM	50	0	21.85	21.90	21.65	23	2			
10	84QAM	1	0	21.95	21.91	21.68					
10	84QAM	1	10	22.11	22.08	21.95					
10	84QAM	1	49	21.76	21.73	21.64	22	3			
10	84QAM	25	0	20.82	21.02	21.04					
10	84QAM	25	12	20.89	21.02	20.77					
10	84QAM	25	26	21.02	20.81	20.65	25	0			
10	84QAM	50	0	20.83	21.05	20.81					
Channel											
Frequency (MHz)											
5	QPSK	1	0	23.87	23.73	23.81	25	0			
5	QPSK	1	12	23.87	24.00	23.76					
5	QPSK	1	24	23.47	23.53	23.47					
5	QPSK	12	0	23.87	23.06	22.84	24	1			
5	QPSK	12	7	22.81	23.01	22.80					
5	QPSK	12	13	22.81	22.84	22.52					
5	QPSK	25	0	22.81	22.81	22.51	24	1			
5	16QAM	1	0	23.07	23.02	22.75					
5	16QAM	1	12	23.19	23.11	23.07					
5	16QAM	1	24	22.83	22.69	22.57	23	2			
5	16QAM	12	0	21.84	21.90	21.74					
5	16QAM	12	7	21.87	21.84	21.65					
5	16QAM	12	13	21.84	21.80	21.61	23	2			
5	16QAM	25	0	21.87	21.94	21.81					
5	84QAM	1	0	21.98	21.96	21.68	23	2			
5	84QAM	1	12	22.07	22.14	21.95					
5	84QAM	1	24	21.78	21.75	21.63					
5	84QAM	12	0	20.80	21.01	20.89	22	3			
5	84QAM	12	7	21.04	21.02	20.76					
5	84QAM	12	13	21.03	20.81	20.66					
5	84QAM	25	0	20.85	20.88	20.83	25	0			
Channel											
Frequency (MHz)											
3	QPSK	1	0	23.63	23.79	23.55	25	0			
3	QPSK	1	8	23.95	23.86	23.79					
3	QPSK	1	14	23.59	23.45	23.49					
3	QPSK	8	0	22.85	23.03	22.79	24	1			
3	QPSK	8	4	23.00	22.87	22.77					
3	QPSK	8	3	22.77	22.63	22.66					
3	QPSK	15	0	22.80	22.81	22.67	24	1			
3	16QAM	1	0	23.02	23.04	22.79					
3	16QAM	1	8	23.16	23.16	23.09					
3	16QAM	1	14	22.79	22.75	22.63	24	1			
3	16QAM	8	0	21.85	21.88	21.75					
3	16QAM	8	1	21.98	21.94	21.74					
3	16QAM	8	7	21.87	21.84	21.67	23	2			
3	16QAM	15	0	21.88	21.80	21.67					
3	84QAM	1	0	21.87	21.85	21.73					
3	84QAM	1	8	22.14	22.00	21.89	23	2			
3	84QAM	1	14	21.84	21.68	21.63					
3	84QAM	8	0	20.80	21.02	20.87					
3	84QAM	8	4	21.08	20.88	20.77	22	3			
3	84QAM	8	7	20.86	21.03	20.62					
3	84QAM	15	0	21.01	21.05	20.72					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	23.63	23.71	23.58	25	0			
1.4	QPSK	1	3	23.80	23.88	23.82					
1.4	QPSK	1	5	23.45	23.57	23.40					
1.4	QPSK	3	0	23.63	23.60	23.53	24	1			
1.4	QPSK	3	1	23.78	23.79	23.79					
1.4	QPSK	3	3	23.35	23.42	23.35					
1.4	QPSK	6	0	23.00	22.87	22.78	24	1			
1.4	16QAM	1	0	23.03	23.07	22.73					
1.4	16QAM	1	3	23.21	23.02	23.08					
1.4	16QAM	1	5	22.82	22.75	22.63	24	1			
1.4	16QAM	3	0	22.79	22.89	22.64					
1.4	16QAM	3	1	23.06	23.09	23.08					
1.4	16QAM	3	3	22.71	22.84	22.61	23	2			
1.4	16QAM	6	0	21.89	21.86	21.79					
1.4	84QAM	1	0	21.86	21.88	21.77					
1.4	84QAM	1	3	22.07	22.05	21.99	23	2			
1.4	84QAM	1	5	21.81	21.84	21.67					
1.4	84QAM	3	0	21.90	21.87	21.67					
1.4	84QAM	3	1	21.53	21.57	21.58	22	3			
1.4	84QAM	3	3	21.68	21.57	21.66					
1.4	84QAM	6	0	21.03	21.05	20.70					

Band 26_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power		Tune-up limit (dbm)	MPR (db)	
				Low Ch / Freq 26140	Power Middle Ch / Freq 26340			
Channel								
Frequency (MHz)				816.5	816.5	816.5		
15	QPSK	1	0	21.12	21.43	21.32	22.5	0
15	QPSK	1	37	21.52	21.68	21.56		
15	QPSK	1	74	21.28	21.36	21.60		
15	QPSK	36	0	21.37	21.55	21.48		
15	QPSK	36	20	21.44	21.57	21.51	22.5	0
15	QPSK	36	57	21.41	21.49	21.48		
15	QPSK	75	0	21.50	21.54	21.48		
15	16QAM	1	0	21.23	21.52	21.28		
15	16QAM	37	0	21.50	21.60	21.52	22.5	0
15	16QAM	1	74	21.29	21.40	21.54		
15	16QAM	36	0	21.13	21.24	21.12		
15	16QAM	20	0	21.08	21.24	21.18		
15	16QAM	36	39	21.09	21.18	21.15	22.5	0
15	16QAM	75	0	21.10	21.25	21.19		
15	64QAM	1	0	21.13	21.33	21.14		
15	64QAM	1	37	21.39	21.50	21.44		
15	64QAM	1	74	21.15	21.27	21.42	22.5	0
15	64QAM	36	39	20.93	20.96	20.97		
15	64QAM	36	20	20.90	21.09	20.99		
15	64QAM	36	57	20.92	21.07	20.97		
15	64QAM	75	0	20.90	20.93	20.95	22	0.5
Channel				26740	26695	26990		
Frequency (MHz)				816.5	816.5	816.5		
10	QPSK	1	0	21.17	21.39	21.31		
10	QPSK	1	25	21.38	21.61	21.45		
10	QPSK	48	0	21.13	21.28	21.60		
10	QPSK	25	0	21.28	21.54	21.32		
10	QPSK	25	12	21.43	21.46	21.41	22.5	0
10	QPSK	25	25	21.41	21.48	21.41		
10	QPSK	50	0	21.34	21.44	21.35		
10	16QAM	1	0	21.23	21.42	21.28		
10	16QAM	1	25	21.41	21.34	21.47	22.5	0
10	16QAM	1	49	21.20	21.37	21.35		
10	16QAM	25	0	21.04	21.06	20.98		
10	16QAM	25	12	21.01	21.11	21.04		
10	16QAM	25	25	20.96	21.06	21.02	22.5	0
10	16QAM	50	0	21.02	21.20	21.17		
10	64QAM	1	0	21.13	21.30	21.02		
10	64QAM	1	25	21.25	21.37	21.31		
10	64QAM	48	0	21.06	21.25	21.33	22.5	0
10	64QAM	25	0	20.81	20.95	20.88		
10	64QAM	25	12	20.81	21.09	20.95		
10	64QAM	25	25	20.82	20.95	20.95		
10	64QAM	50	0	20.83	20.99	20.89	22	0.5
Channel				26710	26695	26915		
Frequency (MHz)				816.5	816.5	816.5		
5	QPSK	1	0	21.18	21.34	21.29		
5	QPSK	1	12	21.37	21.47	21.52		
5	QPSK	1	24	21.16	21.38	21.52		
5	QPSK	12	0	21.25	21.45	21.40		
5	QPSK	12	13	21.35	21.45	21.50	22.5	0
5	QPSK	12	13	21.38	21.34	21.45		
5	QPSK	25	0	21.28	21.47	21.44		
5	16QAM	1	0	21.43	21.23	21.21		
5	16QAM	1	12	21.49	21.51	21.44	22.5	0
5	16QAM	24	0	21.19	21.39	21.43		
5	16QAM	12	0	21.08	21.10	21.10		
5	16QAM	12	7	21.05	21.14	21.11		
5	16QAM	12	13	21.06	21.05	21.00	22.5	0
5	16QAM	25	0	20.95	21.21	21.19		
5	64QAM	1	0	21.13	21.30	21.01		
5	64QAM	1	12	21.26	21.37	21.37		
5	64QAM	1	24	21.09	21.15	21.37	22.5	0
5	64QAM	12	0	20.90	21.04	20.80		
5	64QAM	12	7	20.85	20.87	20.87		
5	64QAM	12	13	20.85	21.01	20.85		
5	64QAM	25	0	20.81	20.95	20.85	22	0.5
Channel				26705	26695	26885		
Frequency (MHz)				816.5	816.5	816.5		
3	QPSK	1	0	21.21	21.33	21.28		
3	QPSK	8	0	21.40	21.62	21.50		
3	QPSK	1	14	21.15	21.38	21.45		
3	QPSK	8	0	21.28	21.44	21.43		
3	QPSK	16	0	21.44	21.53	21.37	22.5	0
3	QPSK	8	7	21.31	21.49	21.35		
3	QPSK	1	0	21.40	21.47	21.40		
3	16QAM	1	0	21.22	21.42	21.14		
3	16QAM	1	8	21.50	21.65	21.41	22.5	0
3	16QAM	14	0	21.25	21.25	21.42		
3	16QAM	8	0	21.06	21.09	21.10		
3	16QAM	8	4	21.01	21.09	21.16		
3	16QAM	7	0	21.04	21.13	21.13	22.5	0
3	16QAM	15	0	21.00	21.17	21.15		
3	64QAM	1	0	21.08	21.34	21.12		
3	64QAM	8	0	21.37	21.49	21.37		
3	64QAM	1	14	21.09	21.27	21.30	22.5	0
3	64QAM	8	0	20.83	20.95	20.88		
3	64QAM	8	4	20.76	20.87	20.85		
3	64QAM	8	7	20.89	20.90	20.97		
3	64QAM	15	0	20.77	20.88	20.90	22	0.5
Channel				26697	26695	27033		
Frequency (MHz)				814.7	815.5	815.3		
1.4	QPSK	1	0	21.22	21.32	21.33		
1.4	QPSK	1	3	21.46	21.64	21.44		
1.4	QPSK	1	5	21.28	21.25	21.89		
1.4	QPSK	1	8	21.32	21.55	21.32		
1.4	QPSK	3	1	21.31	21.45	21.39	22.5	0
1.4	QPSK	3	3	21.32	21.36	21.48		
1.4	QPSK	3	5	21.32	21.50	21.33		
1.4	16QAM	1	0	21.15	21.40	21.23		
1.4	16QAM	1	3	21.47	21.64	21.48	22.5	0
1.4	16QAM	1	5	21.20	21.33	21.53		
1.4	16QAM	3	0	21.10	21.14	21.06		
1.4	16QAM	3	1	20.83	21.10	21.02		
1.4	16QAM	6	0	21.05	21.12	21.04	22.5	0
1.4	64QAM	1	0	21.09	21.29	21.06		
1.4	64QAM	1	3	21.02	21.50	21.32		
1.4	64QAM	1	5	21.02	21.24	21.34		
1.4	64QAM	3	0	21.06	21.29	21.03	22.5	0
1.4	64QAM	3	1	21.21	21.47	21.23		
1.4	64QAM	3	3	20.97	21.21	21.22		
1.4	64QAM	3	5	20.80	20.80	20.66		

Band 66_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 150072	Power Middle Ch. Freq. 150092	Power High Ch. Freq. 150102	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.14	23.13	23.17		
20	QPSK	1	49	23.38	23.43	23.38	24.5	0
20	QPSK	1	99	23.03	23.17	23.09		
20	QPSK	50	0	22.30	22.38	22.40		
20	QPSK	50	24	22.32	22.46	22.28	23.5	1
20	QPSK	50	50	22.28	22.33	22.22		
20	QPSK	100	0	22.28	22.37	22.29		
20	16QAM	1	0	22.38	22.41	22.35		
20	16QAM	1	49	22.26	22.59	22.56	23.5	1
20	16QAM	1	99	22.23	22.23	22.37		
20	16QAM	50	0	21.33	21.37	21.39		
20	16QAM	50	24	21.37	21.34	21.34		
20	16QAM	50	50	21.29	21.29	21.27	22.5	2
20	16QAM	100	0	21.31	21.25	21.31		
20	64QAM	1	0	21.37	21.45	21.25		
20	64QAM	1	49	21.59	21.52	21.56	22.5	2
20	64QAM	1	99	21.26	21.17	21.32		
20	64QAM	50	0	20.34	20.34	20.41		
20	64QAM	50	24	20.37	20.30	20.39	21.5	3
20	64QAM	50	50	20.29	20.24	20.29		
20	64QAM	100	0	20.35	20.27	20.34		
Channel				15047	15032	15057	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
15	QPSK	1	0	23.12	23.08	23.09		
15	QPSK	1	37	23.24	23.28	23.25	24.5	0
15	QPSK	1	74	23.00	23.04	23.04		
15	QPSK	36	0	22.29	22.32	22.30		
15	QPSK	36	20	22.29	22.33	22.18	23.5	1
15	QPSK	36	39	22.24	22.22	22.20		
15	QPSK	75	0	22.12	22.29	22.26		
15	16QAM	1	0	22.32	22.34	22.28		
15	16QAM	1	37	22.53	22.52	22.52	23.5	1
15	16QAM	1	74	22.21	22.18	22.34		
15	16QAM	36	0	21.29	21.23	21.29		
15	16QAM	36	20	21.36	21.22	21.25	22.5	2
15	16QAM	36	39	21.23	21.11	21.22		
15	16QAM	75	0	21.32	21.26	21.26		
15	64QAM	1	0	21.27	21.38	21.22		
15	64QAM	1	37	21.46	21.42	21.44	22.5	2
15	64QAM	1	74	21.14	21.08	21.23		
15	64QAM	36	0	20.33	20.29	20.38		
15	64QAM	36	20	20.23	20.25	20.24	21.5	3
15	64QAM	36	39	20.23	20.11	20.25		
15	64QAM	75	0	20.27	20.24	20.26		
Channel				15047	15032	15057	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.14	23.15	23.04		
10	QPSK	1	35	23.23	23.26	23.27	24.5	0
10	QPSK	1	49	23.09	23.08	23.05		
10	QPSK	25	0	22.27	22.38	22.25		
10	QPSK	25	12	22.32	22.34	22.32	23.5	1
10	QPSK	25	25	22.19	22.19	22.07		
10	QPSK	50	0	22.11	22.32	22.19		
10	16QAM	1	0	22.23	22.35	22.28		
10	16QAM	1	25	22.56	22.47	22.47	23.5	1
10	16QAM	1	49	22.15	22.09	22.34		
10	16QAM	25	0	21.22	21.37	21.26		
10	16QAM	25	12	21.28	21.28	21.21	22.5	2
10	16QAM	25	25	21.28	21.15	21.28		
10	16QAM	50	0	21.18	21.22	21.29		
10	64QAM	1	0	21.27	21.38	21.28		
10	64QAM	1	35	21.46	21.51	21.46	22.5	2
10	64QAM	1	49	21.14	21.09	21.21		
10	64QAM	25	0	20.30	20.32	20.36		
10	64QAM	25	12	20.28	20.16	20.29	21.5	3
10	64QAM	25	25	20.23	20.09	20.26		
10	64QAM	50	0	20.17	20.18	20.24		
Channel				15047	15032	15057	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
5	QPSK	1	0	23.12	23.03	23.11		
5	QPSK	1	12	23.28	23.34	23.30	24.5	0
5	QPSK	1	24	23.01	23.14	23.06		
5	QPSK	12	0	22.34	22.45	22.31		
5	QPSK	12	7	22.29	22.38	22.12	23.5	1
5	QPSK	12	13	22.18	22.18	22.10		
5	QPSK	25	0	22.13	22.30	22.26		
5	16QAM	1	0	22.38	22.37	22.27		
5	16QAM	1	12	22.44	22.49	22.53	23.5	1
5	16QAM	1	24	22.21	22.09	22.28		
5	16QAM	12	0	21.20	21.36	21.32		
5	16QAM	12	7	21.23	21.33	21.32		
5	16QAM	12	13	21.25	21.11	21.15	22.5	2
5	16QAM	25	0	21.27	21.14	21.29		
5	64QAM	1	0	21.33	21.35	21.30		
5	64QAM	1	12	21.45	21.50	21.42	22.5	2
5	64QAM	1	24	21.18	21.12	21.28		
5	64QAM	12	0	20.25	20.33	20.35		
5	64QAM	12	7	20.37	20.20	20.31	21.5	3
5	64QAM	12	13	20.29	20.12	20.27		
5	64QAM	25	0	20.17	20.15	20.34		
Channel				15047	15032	15057	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
3	QPSK	1	0	23.10	23.14	23.12		
3	QPSK	1	8	23.32	23.41	23.37	24.5	0
3	QPSK	1	14	23.08	23.17	23.09		
3	QPSK	8	0	22.15	22.39	22.33		
3	QPSK	8	4	22.26	22.37	22.24	23.5	1
3	QPSK	8	7	22.27	22.30	22.11		
3	QPSK	16	0	22.22	22.26	22.25		
3	16QAM	1	0	22.30	22.26	22.21	23.5	1
3	16QAM	1	8	22.53	22.49	22.49		
3	16QAM	1	14	22.19	22.17	22.34		
3	16QAM	8	0	21.26	21.22	21.35		
3	16QAM	8	4	21.25	21.33	21.28	22.5	2
3	16QAM	8	7	21.17	21.12	21.15		
3	16QAM	16	0	21.20	21.15	21.29		
3	64QAM	1	0	21.32	21.37	21.14		
3	64QAM	1	8	21.48	21.38	21.52	22.5	2
3	64QAM	1	14	21.17	21.12	21.29		
3	64QAM	8	0	20.29	20.27	20.40		
3	64QAM	8	4	20.31	20.19	20.35	21.5	3
3	64QAM	8	7	20.21	20.17	20.18		
3	64QAM	15	0	20.22	20.12	20.24		
Channel				15047	15032	15057	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
1.4	QPSK	1	0	23.02	23.08	23.09		
1.4	QPSK	1	3	23.28	23.35	23.29	24.5	0
1.4	QPSK	1	6	23.04	23.06	23.05		
1.4	QPSK	3	0	23.00	23.07	23.00		
1.4	QPSK	3	1	23.27	23.30	23.18		
1.4	QPSK	3	3	23.01	23.03	23.03	23.5	1
1.4	QPSK	6	0	22.14	22.31	22.09		
1.4	16QAM	1	0	22.23	22.21	22.29		
1.4	16QAM	1	3	22.49	22.35	22.44	23.5	1
1.4	16QAM	1	6	22.18	22.12	22.20		
1.4	16QAM	3	0	22.22	22.08	22.27		
1.4	16QAM	3	1	22.49	22.35	22.44		
1.4	16QAM	3	3	22.16	22.08	22.20		
1.4	16QAM	6	0	21.34	21.19	21.56	22.5	2
1.4	64QAM	1	0	21.29	21.27	21.16		
1.4	64QAM	1	3	21.48	21.41	21.43		
1.4	64QAM	1	6	21.18	21.08	21.23	22.5	2
1.4	64QAM	3	0	21.21	21.19	21.13		
1.4	64QAM	3	1	21.32	21.38	21.31		
1.4	64QAM	3	3	21.12	21.08	21.16	21.5	3
1.4	64QAM	6	0	20.19	20.09	20.26		

Band 71_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 133092	Power Middle Ch. Freq. 133097	Power High Ch. Freq. 133102	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.39	23.47	23.43		
20	QPSK	1	49	23.43	23.72	23.53	24.5	0
20	QPSK	1	99	23.12	23.41	23.22		
20	QPSK	50	0	22.31	22.62	22.43		
20	QPSK	50	24	22.39	22.70	22.53	23.5	1
20	QPSK	50	50	22.36	22.62	22.44		
20	QPSK	100	0	22.34	22.64	22.48		
20	16QAM	1	0	22.60	22.88	22.69		
20	16QAM	1	49	22.75	23.01	22.82	23.5	1
20	16QAM	1	99	22.44	22.72	22.54		
20	16QAM	50	0	21.37	21.65	21.48		
20	16QAM	50	24	21.43	21.73	21.64		
20	16QAM	50	50	21.37	21.68	21.49	22.5	2
20	16QAM	100	0	21.36	21.65	21.47		
20	64QAM	1	0	21.55	21.85	21.67		
20	64QAM	1	49	21.65	21.83	21.77	22.5	2
20	64QAM	1	99	21.35	21.64	21.46		
20	64QAM	50	0	20.33	20.61	20.45		
20	64QAM	50	24	20.44	20.71	20.55	21.5	3
20	64QAM	50	50	20.39	20.67	20.52		
20	64QAM	100	0	20.31	20.61	20.46		
Channel				133197	133297	133397	Tune-up limit (dBm)	

Band 41 Ant 1

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	22.26	22.27	22.61	22.45	22.50	24	0		
20	QPSK	1	48	22.71	22.78	22.81	22.84	22.80				
20	QPSK	1	96	22.47	22.58	22.63	22.55	22.45				
20	QPSK	50	0	21.47	21.46	21.71	21.56	21.67				
20	QPSK	50	24	21.55	21.63	21.74	21.66	21.61	23	1		
20	QPSK	50	50	21.54	21.63	21.63	21.57	21.53				
20	QPSK	100	0	21.53	21.59	21.72	21.67	21.63				
20	16QAM	1	0	21.41	21.40	21.70	21.56	21.57				
20	16QAM	1	48	21.79	21.83	21.96	21.85	21.86	23	1		
20	16QAM	1	96	21.52	21.67	21.67	21.61	21.56				
20	16QAM	50	0	20.46	20.52	20.79	20.66	20.70				
20	16QAM	50	24	20.62	20.66	20.77	20.64	20.68				
20	16QAM	50	50	20.60	20.62	20.68	20.63	20.52	22	2		
20	16QAM	100	0	20.61	20.63	20.67	20.76	20.72				
20	64QAM	1	0	20.14	20.12	20.36	20.26	20.36				
20	64QAM	1	48	20.56	20.65	20.72	20.64	20.71				
20	64QAM	1	96	20.26	20.39	20.42	20.38	20.28	22	2		
20	64QAM	50	0	19.47	19.54	19.75	19.64	19.63				
20	64QAM	50	24	19.60	19.67	19.74	19.66	19.65				
20	64QAM	50	50	19.57	19.64	19.69	19.59	19.56				
20	64QAM	100	0	19.58	19.64	19.62	19.71	19.67	21	3		
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.23	22.23	22.52	22.37	22.37	24	0		
15	QPSK	1	37	22.70	22.73	22.89	22.78	22.69				
15	QPSK	1	74	22.46	22.55	22.51	22.41	22.35				
15	QPSK	36	0	21.36	21.33	21.69	21.42	21.60				
15	QPSK	36	0	21.51	21.51	21.69	21.68	21.60	23	1		
15	QPSK	36	39	21.51	21.59	21.55	21.55	21.53				
15	QPSK	75	0	21.41	21.44	21.71	21.52	21.57				
15	16QAM	1	0	21.28	21.34	21.60	21.41	21.44				
15	16QAM	1	37	21.74	21.82	21.84	21.75	21.81	23	1		
15	16QAM	1	74	21.41	21.53	21.67	21.47	21.50				
15	16QAM	36	0	20.46	20.42	20.64	20.62	20.55				
15	16QAM	36	0	20.46	20.54	20.72	20.61	20.62				
15	16QAM	36	39	20.47	20.51	20.67	20.54	20.37	22	2		
15	16QAM	75	0	20.48	20.56	20.79	20.67	20.72				
15	64QAM	1	0	20.14	20.02	20.23	20.16	20.27				
15	64QAM	1	37	20.45	20.58	20.61	20.64	20.70				
15	64QAM	1	74	20.14	20.34	20.28	20.28	20.20	22	2		
15	64QAM	36	0	19.40	19.49	19.73	19.49	19.53				
15	64QAM	36	0	19.58	19.66	19.66	19.53	19.54				
15	64QAM	36	39	19.57	19.54	19.63	19.44	19.43				
15	64QAM	75	0	19.56	19.61	19.71	19.62	19.60	21	3		
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.21	22.12	22.59	22.31	22.38	24	0		
10	QPSK	1	25	22.6	22.65	22.84	22.75	22.76				
10	QPSK	1	49	22.34	22.48	22.53	22.45	22.37				
10	QPSK	25	0	21.4	21.36	21.64	21.51	21.6				
10	QPSK	25	12	21.4	21.63	21.71	21.56	21.59	23	1		
10	QPSK	25	25	21.45	21.6	21.63	21.57	21.46				
10	QPSK	50	0	21.45	21.57	21.67	21.54	21.5				
10	16QAM	1	0	21.38	21.39	21.62	21.53	21.43				
10	16QAM	1	25	21.7	21.7	21.81	21.77	21.79	23	1		
10	16QAM	1	49	21.42	21.65	21.56	21.51	21.52				
10	16QAM	25	0	20.36	20.46	20.76	20.61	20.69				
10	16QAM	25	12	20.6	20.51	20.77	20.56	20.58				
10	16QAM	25	25	20.48	20.47	20.64	20.63	20.48	22	2		
10	16QAM	50	0	20.54	20.51	20.74	20.61	20.65				
10	64QAM	1	0	20	20.01	20.25	20.21	20.35				
10	64QAM	1	25	20.56	20.52	20.59	20.57	20.59				
10	64QAM	1	49	20.15	20.29	20.28	20.27	20.27	22	2		
10	64QAM	25	0	19.38	19.53	19.69	19.64	19.57				
10	64QAM	25	12	19.47	19.6	19.74	19.66	19.51				
10	64QAM	25	25	19.47	19.53	19.61	19.55	19.46				
10	64QAM	50	0	19.54	19.61	19.68	19.69	19.69	21	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.14	22.12	22.56	22.36	22.44	24	0		
5	QPSK	1	12	22.56	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2		
5	16QAM	25	0	20.6	20.56	20.86	20.66	20.63				
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35				
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66				
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	22	2		
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6				
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5				
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5				
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	21	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.08	22.01	22.58	22.38	22.48	24	0		
5	QPSK	1	12	22.58	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2		
5	16QAM	25	0	20.6	20.56	20.86	20.66	20.63				
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35				
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66				
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	22	2		
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6				
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5				
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5				
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	21	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.08	22.01	22.58	22.38	22.48	24	0		
5	QPSK	1	12	22.58	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2		
5	16QAM	25	0	20.6	20.56	20.86	20.66	20.63				
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35				
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66				
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	22	2		
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6				
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5				
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5				
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	21	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.08	22.01	22.58	22.38	22.48	24	0		
5	QPSK	1	12	22.58	22.68	22.8	22.78	22.69				
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36				
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67				
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1		
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51				
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60				
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42				
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1		
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53				
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58				
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63				
5	16QAM	12										

Reduced Power for DSI2

<GSM_Power_State1>

GSM850_Ant 1	Burst Average Power (dBm)			Frame Average Power (dBm)		
	TX Channel	Limit	Tune-up	TX Channel	Limit	Tune-up
Frequency (MHz)	824.2	838.4	846.8	824.2	838.4	846.8
GSM 1 Tx slot	32.71	32.53	32.22	33.30	33.11	33.55
GPRS 1 Tx slot	32.77	32.41	32.80	33.30	23.77	23.41
GPRS 2 Tx slots	29.12	29.15	29.32	30.50	23.12	23.15
GPRS 3 Tx slots	28.05	28.04	28.12	28.50	23.83	23.78
GPRS 4 Tx slots	28.84	28.91	28.83	27.50	23.84	23.91
EDGE 1 Tx slot	27.17	27.32	27.52	28.00	18.17	18.32
EDGE 2 Tx slots	23.54	23.55	23.56	24.50	17.54	17.55
EDGE 3 Tx slots	22.51	22.55	22.54	23.50	18.25	18.29
EDGE 4 Tx slots	21.42	21.33	21.34	22.50	18.42	18.33

GSM1900_Ant 1	Burst Average Power (dBm)			Frame Average Power (dBm)		
	TX Channel	Limit	Tune-up	TX Channel	Limit	Tune-up
Frequency (MHz)	1850.2	1850	1850.8	1850.2	1850	1850.8
GSM 1 Tx slot	29.01	29.11	28.87	29.70	20.01	20.11
GPRS 1 Tx slot	29.05	29.14	28.94	29.70	20.05	20.14
GPRS 2 Tx slots	25.88	26.04	26.02	27.00	19.88	20.04
GPRS 3 Tx slots	23.93	24.22	24.00	25.00	19.67	19.96
GPRS 4 Tx slots	22.82	22.89	22.68	24.00	19.82	19.89
EDGE 1 Tx slot	26.37	26.44	26.26	27.50	17.37	17.44
EDGE 2 Tx slots	23.20	23.28	23.09	24.00	17.20	17.28
EDGE 3 Tx slots	22.12	22.22	22.10	23.00	17.86	17.84
EDGE 4 Tx slots	21.00	21.11	21.09	22.00	18.00	18.11

<WCDMA_State1>

Band	WCDMA I_Ant 1			WCDMA IV_Ant 1			WCDMA V_Ant 0		
	TX Channel	Limit	Tune-up	TX Channel	Limit	Tune-up	TX Channel	Limit	Tune-up
Rx Channel	9662	9600	9638	1312	1413	1513	4132	4182	4233
Frequency (MHz)	9662	9600	9638	1537	1638	1738	4357	4407	4458
	1852.4	1886	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	20.41	20.40	20.01	19.87	19.84	19.95	21.00	22.68
3GPP Rel 99	AMR 12.2Kbps	20.42	20.54	20.11	21.00	19.95	19.96	19.94	21.00
3GPP Rel 6	HS-DS-SS Subtest-1	19.30	19.31	19.17	20.00	18.95	19.00	19.03	19.50
3GPP Rel 6	HS-DS-SS Subtest-2	19.18	19.19	19.03	20.00	18.89	18.90	18.87	19.50
3GPP Rel 6	HS-DS-SS Subtest-3	18.78	18.81	18.58	19.50	18.32	18.39	18.43	19.00
3GPP Rel 6	HS-DS-SS Subtest-4	18.74	18.74	18.52	19.50	18.31	18.41	18.43	19.00
3GPP Rel 6	DC-HS-DS-SS Subtest-1	19.22	19.25	19.16	20.00	18.90	18.96	19.00	19.50
3GPP Rel 6	DC-HS-DS-SS Subtest-2	19.03	19.14	19.03	20.00	18.86	18.82	18.72	19.50
3GPP Rel 6	DC-HS-DS-SS Subtest-3	18.74	18.77	18.45	19.50	18.19	18.25	18.40	19.00
3GPP Rel 6	DC-HS-DS-SS Subtest-4	18.70	18.70	18.49	19.50	18.18	18.26	18.35	19.00
3GPP Rel 6	HS-UPA Subtest-1	17.25	17.32	17.16	18.50	17.00	17.05	17.05	18.00
3GPP Rel 6	HS-UPA Subtest-2	17.28	17.26	16.97	18.50	16.98	17.06	17.08	18.00
3GPP Rel 6	HS-UPA Subtest-3	18.24	18.32	18.06	19.50	18.03	18.12	18.03	19.00
3GPP Rel 6	HS-UPA Subtest-4	18.81	18.82	18.51	18.00	16.51	16.53	17.00	17.50
3GPP Rel 6	HS-UPA Subtest-5	18.18	18.22	17.91	19.50	17.90	18.00	18.00	19.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.75	18.62	18.51	19.50	18.73	18.81	18.73	19.50

Band 2_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 17705	Power Middle Ch. Freq. 18605	Power High Ch. Freq. 19105	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								
20	QPSK	1	0	20.79	20.76	20.73	22	0
20	QPSK	1	49	20.74	20.69	20.68		
20	QPSK	1	99	20.73	20.68	20.55		
20	QPSK	50	0	20.67	20.76	20.68		
20	QPSK	50	24	20.75	20.84	20.64	22	0
20	QPSK	50	50	20.68	20.81	20.61		
20	QPSK	100	0	20.78	20.81	20.64		
20	QPSK	100	0	20.70	20.75	20.66		
20	16QAM	1	0	20.79	20.77	20.62	22	0
20	16QAM	1	49	20.68	20.76	20.63		
20	16QAM	50	0	20.74	20.74	20.63		
20	16QAM	50	24	20.68	20.81	20.61		
20	16QAM	50	50	20.73	20.88	20.55	22	0
20	16QAM	100	0	20.67	20.85	20.67		
20	16QAM	100	0	20.65	20.75	20.55		
20	16QAM	1	49	20.70	20.74	20.57		
20	16QAM	1	99	20.65	20.75	20.59	22	0
20	16QAM	50	0	20.77	20.83	20.61		
20	16QAM	50	24	20.67	20.81	20.55		
20	16QAM	50	50	20.67	20.80	20.62		
20	16QAM	100	0	20.66	20.84	20.58	22	0
Channel Frequency (MHz)				18675	18605	19125		
15	QPSK	1	0	20.75	20.79	20.65	22	0
15	QPSK	1	37	20.65	20.73	20.67		
15	QPSK	1	74	20.63	20.80	20.60		
15	QPSK	36	0	20.59	20.70	20.68		
15	QPSK	36	20	20.60	20.73	20.49	22	0
15	QPSK	36	36	20.61	20.76	20.48		
15	QPSK	75	0	20.63	20.77	20.55		
15	QPSK	75	0	20.65	20.75	20.52		
15	16QAM	1	0	20.69	20.70	20.61	22	0
15	16QAM	1	74	20.53	20.67	20.48		
15	16QAM	36	0	20.63	20.76	20.51		
15	16QAM	36	20	20.64	20.75	20.45		
15	16QAM	36	36	20.62	20.73	20.49	22	0
15	16QAM	75	0	20.64	20.75	20.57		
15	16QAM	75	0	20.57	20.67	20.40		
15	16QAM	1	37	20.58	20.64	20.57		
15	16QAM	1	74	20.61	20.69	20.44	22	0
15	16QAM	36	0	20.67	20.68	20.58		
15	16QAM	36	20	20.61	20.72	20.51		
15	16QAM	36	36	20.52	20.71	20.52		
15	16QAM	75	0	20.62	20.75	20.53	22	0
Channel Frequency (MHz)				18705	18605	19155		
10	QPSK	1	0	20.78	20.83	20.56	22	0
10	QPSK	1	25	20.68	20.76	20.60		
10	QPSK	1	49	20.65	20.77	20.53		
10	QPSK	25	0	20.62	20.73	20.59		
10	QPSK	25	0	20.74	20.62	20.62	22	0
10	QPSK	25	25	20.55	20.74	20.53		
10	QPSK	50	0	20.71	20.77	20.59		
10	16QAM	1	0	20.62	20.72	20.66		
10	16QAM	1	25	20.66	20.72	20.60	22	0
10	16QAM	1	49	20.67	20.76	20.48		
10	16QAM	25	0	20.74	20.64	20.62		
10	16QAM	25	25	20.60	20.82	20.49		
10	16QAM	50	0	20.69	20.76	20.59	22	0
10	16QAM	50	0	20.59	20.77	20.63		
10	16QAM	1	0	20.61	20.65	20.47		
10	16QAM	1	25	20.67	20.66	20.56		
10	16QAM	1	49	20.55	20.67	20.51	22	0
10	16QAM	25	0	20.68	20.82	20.54		
10	16QAM	25	25	20.62	20.80	20.46		
10	16QAM	25	25	20.52	20.77	20.61		
10	16QAM	50	0	20.56	20.84	20.47	22	0
Channel Frequency (MHz)				18755	18605	19155		
5	QPSK	1	0	20.78	20.83	20.56	22	0
5	QPSK	1	12	20.59	20.75	20.60		
5	QPSK	1	24	20.71	20.83	20.40		
5	QPSK	12	0	20.55	20.76	20.63		
5	QPSK	12	7	20.65	20.70	20.54	22	0
5	QPSK	12	13	20.62	20.74	20.53		
5	QPSK	25	0	20.66	20.71	20.54		
5	16QAM	1	0	20.70	20.80	20.62		
5	16QAM	1	12	20.70	20.83	20.61	22	0
5	16QAM	1	24	20.60	20.83	20.51		
5	16QAM	12	0	20.73	20.70	20.53		
5	16QAM	12	7	20.66	20.75	20.59		
5	16QAM	12	13	20.55	20.75	20.45	22	0
5	16QAM	25	0	20.54	20.77	20.53		
5	16QAM	1	0	20.56	20.70	20.46		
5	16QAM	1	12	20.58	20.62	20.44		
5	16QAM	1	24	20.58	20.68	20.51	22	0
5	16QAM	12	0	20.70	20.74	20.50		
5	16QAM	12	7	20.64	20.76	20.47		
5	16QAM	12	13	20.67	20.69	20.49		
5	16QAM	25	0	20.54	20.74	20.58	22	0
Channel Frequency (MHz)				18815	18605	19185		
3	QPSK	1	0	20.67	20.88	20.56	22	0
3	QPSK	1	8	20.61	20.73	20.63		
3	QPSK	1	14	20.66	20.72	20.43		
3	QPSK	8	0	20.55	20.75	20.55		
3	QPSK	8	4	20.60	20.65	20.55	22	0
3	QPSK	8	7	20.60	20.68	20.46		
3	QPSK	15	0	20.74	20.73	20.51		
3	16QAM	1	0	20.68	20.72	20.60		
3	16QAM	1	8	20.66	20.73	20.50	22	0
3	16QAM	1	14	20.55	20.65	20.55		
3	16QAM	8	0	20.67	20.65	20.58		
3	16QAM	8	7	20.65	20.73	20.53		
3	16QAM	15	0	20.67	20.70	20.67	22	0
3	16QAM	1	0	20.65	20.64	20.48		
3	16QAM	1	8	20.61	20.66	20.47		
3	16QAM	1	14	20.65	20.73	20.57		
3	16QAM	8	0	20.64	20.74	20.57	22	0
3	16QAM	8	4	20.62	20.81	20.45		
3	16QAM	8	7	20.59	20.75	20.55		
3	16QAM	15	0	20.52	20.75	20.49		
Channel Frequency (MHz)				18607	18607	19193	22	0
1.4	QPSK	1	0	20.66	20.84	20.62		
1.4	QPSK	1	3	20.64	20.76	20.64		
1.4	QPSK	1	5	20.55	20.72	20.44		
1.4	QPSK	3	0	20.56	20.84	20.62	22	0
1.4	QPSK	3	0	20.68	20.72	20.56		
1.4	QPSK	3	3	20.63	20.75	20.55		
1.4	QPSK	6	0	20.63	20.74	20.63		
1.4	16QAM	1	0	20.64	20.70	20.62	22	0
1.4	16QAM	1	3	20.64	20.84	20.54		
1.4	16QAM	1	5	20.64	20.83	20.50		
1.4	16QAM	3	0	20.62	20.74	20.53		
1.4	16QAM	3	1	20.57	20.83	20.59	22	0
1.4	16QAM	3	3	20.68	20.75	20.49		
1.4	16QAM	6	0	20.66	20.78	20.55		
1.4	16QAM	1	0	20.50	20.88	20.47		
1.4	16QAM	1	3	20.60	20.73	20.45	22	0
1.4	16QAM	1	5	20.52	20.68	20.53		
1.4	16QAM	3	0	20.72	20.72	20.51		
1.4	16QAM	3	1	20.53	20.67	20.48		
1.4	16QAM	3	3	20.65	20.80	20.61	22	0
1.4	16QAM	6	0	20.55	20.73	20.50		

Band 4_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq 20050	Power Mid Ch / Freq 20750	Power High Ch / Freq 21450	Tune-up limit (dBm)	MPR (dB)		
Channel Frequency (MHz)										
20	QPSK	1	0	18.25	18.28	18.25	19.5	0		
20	QPSK	1	49	18.26	18.33	18.30				
20	QPSK	1	99	18.21	18.24	18.15				
20	QPSK	50	0	18.24	18.28	18.20				
20	QPSK	50	24	18.15	18.31	18.24	19.5	0		
20	QPSK	50	50	18.22	18.21	18.24				
20	QPSK	100	0	18.13	18.26	18.21				
20	16QAM	1	0	18.19	18.24	18.23				
20	16QAM	1	49	18.18	18.25	18.15	19.5	0		
20	16QAM	1	99	18.18	18.19	18.05				
20	16QAM	50	0	18.18	18.19	18.10				
20	16QAM	50	24	18.21	18.27	18.21	19.5	0		
20	16QAM	50	50	18.16	18.26	18.17				
20	16QAM	100	0	18.15	18.20	18.17				
20	16QAM	100	50	18.17	18.21	18.17				
20	16QAM	1	49	18.25	18.32	18.30	19.5	0		
20	16QAM	1	99	18.29	18.14	18.09				
20	16QAM	50	24	18.24	18.26	18.22				
20	16QAM	50	50	18.16	18.25	18.24				
20	16QAM	50	50	18.09	18.12	18.11	19.5	0		
20	16QAM	100	0	18.16	18.25	18.21				
Channel Frequency (MHz)										
15	QPSK	1	0	18.27	18.25	18.25			Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	37	18.31	18.32	18.23				
15	QPSK	1	74	18.19	18.23	18.23				
15	QPSK	36	0	18.18	18.22	18.19				
15	QPSK	36	20	18.29	18.30	18.28	19.5	0		
15	QPSK	36	36	18.13	18.13	18.20				
15	QPSK	75	0	18.17	18.18	18.21				
15	16QAM	1	0	18.18	18.21	18.21				
15	16QAM	1	37	18.22	18.15	18.15	19.5	0		
15	16QAM	36	0	18.18	18.18	18.10				
15	16QAM	36	36	18.13	18.11	18.15				
15	16QAM	36	39	18.18	18.18	18.18				
15	16QAM	75	0	18.18	18.15	18.11	19.5	0		
15	16QAM	75	0	18.20	18.16	18.20				
15	16QAM	1	37	18.22	18.24	18.27				
15	16QAM	1	74	18.11	18.06	18.06				
15	16QAM	36	36	18.25	18.23	18.22	19.5	0		
15	16QAM	36	20	18.17	18.15	18.15				
15	16QAM	36	39	18.10	18.03	18.04				
15	16QAM	75	0	18.20	18.17	18.20				
Channel Frequency (MHz)										
10	QPSK	1	0	18.26	18.24	18.20	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	25	18.24	18.29	18.26				
10	QPSK	1	50	18.22	18.28	18.15				
10	QPSK	25	0	18.22	18.22	18.19				
10	QPSK	25	12	18.30	18.23	18.29	19.5	0		
10	QPSK	25	36	18.12	18.18	18.18				
10	QPSK	50	0	18.20	18.22	18.16				
10	16QAM	1	0	18.22	18.05	18.17				
10	16QAM	1	25	18.15	18.23	18.23	19.5	0		
10	16QAM	1	49	18.10	18.09	18.09				
10	16QAM	25	0	18.09	18.17	18.09				
10	16QAM	25	12	18.22	18.17	18.22				
10	16QAM	25	25	18.14	18.18	18.17	19.5	0		
10	16QAM	50	0	18.16	18.11	18.10				
10	16QAM	50	12	18.20	18.19	18.19				
10	16QAM	1	25	18.25	18.23	18.25				
10	16QAM	1	25	18.05	18.11	18.05	19.5	0		
10	16QAM	25	25	18.23	18.20	18.25				
10	16QAM	25	12	18.22	18.22	18.22				
10	16QAM	25	20	18.03	18.06	18.06				
10	16QAM	50	20	18.13	18.17	18.17	Tune-up limit (dBm)	MPR (dB)		
Channel Frequency (MHz)										
5	QPSK	1	0	18.26	18.25	18.24			Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	12	18.32	18.30	18.29				
5	QPSK	4	0	18.30	18.24	18.23				
5	QPSK	12	0	18.23	18.20	18.19				
5	QPSK	12	7	18.28	18.26	18.23	19.5	0		
5	QPSK	12	18	18.15	18.15	18.16				
5	QPSK	25	0	18.24	18.22	18.20				
5	16QAM	1	0	18.19	18.18	18.15				
5	16QAM	1	0	18.19	18.17	18.17	19.5	0		
5	16QAM	1	24	18.13	18.18	18.18				
5	16QAM	12	0	18.18	18.13	18.12				
5	16QAM	12	24	18.21	18.20	18.20				
5	16QAM	12	13	18.10	18.18	18.15	19.5	0		
5	16QAM	25	0	18.17	18.17	18.17				
5	16QAM	12	13	18.13	18.20	18.19				
5	16QAM	1	12	18.23	18.31	18.26				
5	16QAM	1	24	18.09	18.11	18.04	19.5	0		
5	16QAM	12	18	18.26	18.15	18.17				
5	16QAM	12	7	18.24	18.16	18.19				
5	16QAM	12	13	18.09	18.07	18.07				
5	16QAM	12	13	18.13	18.20	18.18	Tune-up limit (dBm)	MPR (dB)		
Channel Frequency (MHz)										
3	QPSK	1	0	18.21	18.25	18.25			Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	8	18.24	18.23	18.26				
3	QPSK	4	0	18.23	18.23	18.17				
3	QPSK	8	0	18.23	18.22	18.24				
3	QPSK	8	4	18.23	18.22	18.27	19.5	0		
3	QPSK	8	8	18.20	18.14	18.18				
3	QPSK	15	0	18.16	18.26	18.20				
3	16QAM	1	0	18.23	18.17	18.21				
3	16QAM	1	8	18.10	18.21	18.24	19.5	0		
3	16QAM	1	14	18.13	18.18	18.11				
3	16QAM	8	0	18.09	18.18	18.09				
3	16QAM	8	7	18.19	18.15	18.19				
3	16QAM	15	0	18.12	18.13	18.15	19.5	0		
3	16QAM	15	0	18.13	18.16	18.17				
3	16QAM	1	8	18.26	18.22	18.29				
3	16QAM	1	14	18.09	18.07	18.08				
3	16QAM	8	4	18.19	18.24	18.18	19.5	0		
3	16QAM	8	8	18.10	18.19	18.09				
3	16QAM	15	0	18.19	18.14	18.16				
3	16QAM	15	0	18.19	18.22	18.19				
Channel Frequency (MHz)										
1.4	QPSK	1	0	18.27	18.19	18.20	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	3	18.28	18.23	18.26				
1.4	QPSK	1	15	18.15	18.14	18.15				
1.4	QPSK	3	0	18.25	18.22	18.27				
1.4	QPSK	3	1	18.27	18.24	18.25	19.5	0		
1.4	QPSK	3	3	18.14	18.13	18.15				
1.4	QPSK	6	0	18.18	18.20	18.24				
1.4	QPSK	1	0	18.19	18.15	18.23				
1.4	16QAM	1	0	18.19	18.15	18.15	19.5	0		
1.4	16QAM	1	3	18.16	18.18	18.15				
1.4	16QAM	3	0	18.13	18.14	18.17				
1.4	16QAM	3	0	18.26	18.25	18.25				
1.4	16QAM	3	3	18.18	18.17	18.13	19.5	0		
1.4	16QAM	6	0	18.15	18.16	18.19				
1.4	16QAM	1	3	18.28	18.23	18.25				
1.4	16QAM	1	0	18.08	18.07	18.11				
1.4	16QAM	3	1	18.18	18.23	18.19	19.5	0		
1.4	16QAM	3	1	18.20	18.18	18.18				
1.4	16QAM	3	3	18.02	18.02	18.04				
1.4	16QAM	6	0	18.19	18.22	18.19				

Band 5_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 20450	Power Middle Ch. Freq. 20500	Power High Ch. Freq. 20550	Tune-up limit (dBm)	MPR (dB)
Channel				125	136.5	144		
Frequency (MHz)				23.65	23.71	23.83		
10	QPSK	1	0	23.65	23.71	23.83		
10	QPSK	1	25	23.80	23.84	23.83	25	0
10	QPSK	1	40	23.66	23.70	23.53		
10	QPSK	25	0	22.75	22.87	22.81		
10	QPSK	25	12	22.83	23.00	22.82	24	1
10	QPSK	25	25	22.82	22.84	22.63		
10	QPSK	50	0	22.81	22.87	22.73		
10	16QAM	1	0	23.07	23.02	22.83		
10	16QAM	1	25	23.06	23.07	23.03	24	1
10	16QAM	1	40	23.03	23.01	22.74		
10	16QAM	25	0	21.80	21.87	21.86		
10	16QAM	25	12	21.84	21.83	21.83		
10	16QAM	25	25	21.84	21.86	21.67	23	2
10	16QAM	50	0	21.80	21.84	21.76		
10	64QAM	1	0	21.57	21.58	21.56		
10	64QAM	1	25	22.05	22.06	22.06	23	2
10	64QAM	1	40	21.52	21.55	21.78		
10	64QAM	25	0	20.77	20.85	20.85		
10	64QAM	25	12	20.82	20.86	20.86		
10	64QAM	25	25	20.81	20.85	20.67	22	3
10	64QAM	50	0	20.80	20.85	20.75		
Channel				20425	20525	20525	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.51	23.55	23.59		
5	QPSK	1	0	23.51	23.55	23.59		
5	QPSK	1	12	23.70	23.81	23.78	25	0
5	QPSK	1	24	23.51	23.63	23.51		
5	QPSK	12	0	22.73	22.87	22.78		
5	QPSK	12	7	22.74	22.79	22.77	24	1
5	QPSK	12	13	22.68	22.83	22.60		
5	QPSK	25	0	22.66	22.86	22.61		
5	16QAM	1	0	22.83	23.03	22.79		
5	16QAM	1	12	23.05	23.03	23.08	24	1
5	16QAM	1	24	22.78	22.77	22.73		
5	16QAM	12	0	21.78	21.83	21.86		
5	16QAM	12	7	21.75	21.69	21.69	23	2
5	16QAM	12	13	21.83	21.71	21.56		
5	16QAM	25	0	21.73	21.83	21.74		
5	64QAM	1	0	21.91	21.97	21.73		
5	64QAM	1	12	22.05	22.03	22.01	23	2
5	64QAM	1	24	21.87	21.80	21.70		
5	64QAM	12	0	20.68	20.83	20.74		
5	64QAM	12	7	20.77	20.78	20.78	22	3
5	64QAM	12	13	20.66	20.73	20.60		
5	64QAM	25	0	20.69	20.78	20.63		
Channel				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.60	23.65	23.50		
3	QPSK	1	0	23.78	23.77	23.77	25	0
3	QPSK	1	8	23.57	23.58	23.49		
3	QPSK	8	0	22.77	22.87	22.77		
3	QPSK	8	4	22.74	22.85	22.74	24	1
3	QPSK	8	7	22.80	22.71	22.48		
3	QPSK	15	0	22.67	22.73	22.66		
3	16QAM	1	0	22.89	23.02	22.75		
3	16QAM	1	8	23.05	23.03	23.02	24	1
3	16QAM	1	14	22.86	22.89	22.85		
3	16QAM	8	0	21.66	21.72	21.78		
3	16QAM	8	4	21.73	21.77	21.83	23	2
3	16QAM	8	7	21.70	21.68	21.68		
3	16QAM	15	0	21.71	21.72	21.68		
3	64QAM	1	0	21.87	21.94	21.83		
3	64QAM	1	8	21.86	22.01	21.85	23	2
3	64QAM	1	14	21.87	21.85	21.66		
3	64QAM	8	0	20.75	20.71	20.78		
3	64QAM	8	4	20.68	20.76	20.82	22	3
3	64QAM	8	7	20.66	20.79	20.57		
3	64QAM	15	0	20.66	20.72	20.70		
Channel				1640.7	1645.3	1644.3	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.64	23.80	23.29		
1.4	QPSK	1	3	23.66	23.78	23.69	25	0
1.4	QPSK	1	5	23.51	23.55	23.51		
1.4	QPSK	3	0	23.53	23.55	23.52		
1.4	QPSK	3	1	23.56	23.72	23.64		
1.4	QPSK	3	3	23.45	23.52	23.47		
1.4	QPSK	6	0	22.75	22.86	22.71	24	1
1.4	16QAM	1	0	23.08	23.05	22.79		
1.4	16QAM	1	3	23.06	23.09	23.03		
1.4	16QAM	1	5	22.80	22.89	22.62	24	1
1.4	16QAM	3	0	22.89	23.03	22.68		
1.4	16QAM	3	1	23.03	22.85	22.89		
1.4	16QAM	3	3	22.75	22.85	22.57		
1.4	16QAM	6	0	21.65	21.70	21.63	23	2
1.4	64QAM	1	0	21.85	21.80	21.77		
1.4	64QAM	1	3	22.03	21.99	22.01		
1.4	64QAM	1	5	21.78	21.87	21.71	23	2
1.4	64QAM	3	0	21.85	21.83	21.67		
1.4	64QAM	3	1	22.01	21.98	21.94		
1.4	64QAM	3	3	21.72	21.74	21.61		
1.4	64QAM	6	0	20.76	20.81	20.70	22	3

Band 7_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21000	21050		
Frequency (MHz)				22.60	22.77	22.70		
20	QPSK	1	0	22.60	22.77	22.70		
20	QPSK	1	40	23.04	23.14	23.11	24	0
20	QPSK	1	80	22.72	23.00	23.03		
20	QPSK	50	0	21.89	22.07	22.05		
20	QPSK	50	24	22.00	22.14	22.10	23	1
20	QPSK	50	50	21.95	22.10	22.07		
20	QPSK	100	0	21.92	22.05	22.02		
20	16QAM	1	0	21.83	21.97	21.96		
20	16QAM	1	40	22.22	22.37	22.33	23	1
20	16QAM	1	90	21.90	22.15	22.17		
20	16QAM	50	0	20.88	21.07	21.07		
20	16QAM	50	24	21.01	21.14	21.11	22	2
20	16QAM	50	50	21.03	21.13	21.06		
20	16QAM	100	0	21.02	21.08	21.05		
20	64QAM	1	0	20.84	21.04	21.03		
20	64QAM	1	40	21.22	21.33	21.30	22	2
20	64QAM	1	90	21.01	21.11	21.15		
20	64QAM	50	0	19.80	20.07	20.05		
20	64QAM	50	24	20.03	20.11	20.11	21	3
20	64QAM	50	50	19.97	20.10	20.05		
20	64QAM	100	0	19.91	20.05	20.02		
Channel				20825	21000	21075	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				22.53	22.72	22.65		
15	QPSK	1	0	22.53	22.72	22.65		
15	QPSK	1	37	23.04	23.02	23.11	24	0
15	QPSK	1	74	22.63	22.85	22.83		
15	QPSK	36	0	21.88	21.95	22.02		
15	QPSK	36	20	21.88	22.10	22.03	23	1
15	QPSK	36	36	21.85	21.96	21.92		
15	QPSK	75	0	21.90	22.05	21.99		
15	16QAM	1	0	21.78	21.92	21.87		
15	16QAM	1	37	22.50	22.29	22.25	23	1
15	16QAM	1	74	21.90	22.12	22.06		
15	16QAM	36	0	20.85	21.03	21.03		
15	16QAM	36	20	21.00	21.08	21.08	22	2
15	16QAM	36	36	20.84	21.12	21.05		
15	16QAM	75	0	20.84	21.03	21.08		
15	64QAM	1	0	20.72	20.82	20.78		
15	64QAM	1	37	21.15	21.19	21.20	22	2
15	64QAM	1	74	20.87	21.10	21.07		
15	64QAM	36	0	19.75	20.04	19.91		
15	64QAM	36	20	19.90	19.97	20.00	21	3
15	64QAM	36	36	19.89	19.95	19.92		
15	64QAM	75	0	19.82	19.97	19.88		
Channel				20925	21000	21075	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				22.53	23.05	23.05		
10	QPSK	1	0	22.58	22.68	22.70		
10	QPSK	1	25	23.02	23.10	23.08	24	0
10	QPSK	1	40	22.72	22.89	22.85		
10	QPSK	25	0	21.77	21.94	21.82		
10	QPSK	25	12	21.90	22.05	22.07	23	1
10	QPSK	25	25	21.90	22.06	21.95		
10	QPSK	50	0	21.91	21.99	21.92		
10	16QAM	1	0	21.69	21.90	21.91	23	1
10	16QAM	1	25	22.18	22.34	22.29		
10	16QAM	1	40	21.89	22.12	22.06		
10	16QAM	25	0	20.88	21.07	21.05		
10	16QAM	25	12	21.01	21.12	21.03	22	2
10	16QAM	25	25	20.79	21.06	21.07		
10	16QAM	50	0	20.81	21.02	21.02		
10	64QAM	1	0	20.84	21.03	20.89		
10	64QAM	1	25	21.19	21.31	21.30	22	2
10	64QAM	1	40	20.86	21.08	21.00		
10	64QAM	25	0	19.87	20.00	20.04		
10	64QAM	25	10	19.88	19.96	20.05	21	3
10	64QAM	25	25	19.97	20.10	20.01		
10	64QAM	50	0	19.84	19.94	19.94		
Channel				20975	21000	21075	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				23.02	23.05	23.07		
5	QPSK	1	0	22.53	22.63	22.68		
5	QPSK	1	12	23.03	23.08	23.01	24	0
5	QPSK	1	24	22.69	22.89	22.80		
5	QPSK	12	0	21.85	22.07	21.92		
5	QPSK	12	7	21.83	21.99	22.10	23	1
5	QPSK	12	13	21.84	22.10	21.87		
5	QPSK	25	0	21.79	22.03	21.96		
5	16QAM	1	0	21.72	21.82	21.91	23	1
5	16QAM	1	12	22.18	22.25	22.24		
5	16QAM	1	24	21.87	22.08	22.10		
5	16QAM	12	0	20.82	21.01	21.07		
5	16QAM	12	7	21.01	21.07	21.08	22	2
5	16QAM	12	13	20.79	21.01	21.08		
5	16QAM	25	0	20.86	21.08	21.00		
5	64QAM	1	0	20.80	21.00	20.80		
5	64QAM	1	12	21.09	21.22	21.20	22	2
5	64QAM	25	0	20.76	21.01	21.10		
5	64QAM	12	0	19.83	20.03	19.99		
5	64QAM	12	7	19.92	20.02	20.09	21	3
5	64QAM	12	13	19.84	20.06	19.94		
5	64QAM	25	0	19.80	20.05	20.02		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 23060	Power Middle Ch. / Freq. 23095	Power High Ch. / Freq. 23130	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency [MHz]						707.5	717.5	
10	QPSK	1	0	23.91	23.94	23.92	25	0
10	QPSK	1	26	24.10	24.12	24.09		
10	QPSK	1	49	23.97	24.04	23.99		
10	QPSK	25	0	23.09	23.05	23.13		
10	QPSK	25	12	23.12	23.14	23.12		
10	QPSK	25	25	23.04	23.10	23.03	24	1
10	QPSK	50	0	23.05	23.11	23.07		
10	16QAM	1	0	23.20	23.12	23.07		
10	16QAM	1	26	23.32	23.31	23.33		
10	16QAM	1	49	23.20	23.20	23.21		
10	16QAM	25	0	22.01	22.03	22.11	23	2
10	16QAM	25	12	22.06	22.06	22.11		
10	16QAM	25	25	22.10	22.01	22.05		
10	16QAM	50	0	22.04	22.02	22.11		
10	64QAM	12	0	22.16	22.12	22.08		
10	64QAM	1	26	22.31	22.29	22.30	23	2
10	64QAM	1	49	22.22	22.17	22.20		
10	64QAM	25	0	21.03	21.05	21.15		
10	64QAM	25	12	21.13	21.14	21.15		
10	64QAM	25	25	21.13	21.04	21.08		
10	64QAM	50	0	21.07	21.07	21.13	22	3
Channel						23030	23105	
Frequency [MHz]						707.5	717.5	
5	QPSK	1	0	23.91	23.93	23.83	25	0
5	QPSK	1	12	24.08	24.08	23.99		
5	QPSK	1	24	23.86	23.92	23.92		
5	QPSK	12	0	22.84	23.01	23.13		
5	QPSK	12	7	23.04	23.00	23.00		
5	QPSK	12	13	23.08	23.05	23.05	24	1
5	QPSK	25	0	23.00	23.02	23.02		
5	16QAM	1	0	23.19	23.07	23.08		
5	16QAM	1	16	23.28	23.25	23.29		
5	16QAM	1	24	23.09	23.08	23.13		
5	16QAM	12	0	22.01	21.88	21.96	23	2
5	16QAM	12	7	21.95	21.93	22.01		
5	16QAM	12	13	22.01	21.87	21.87		
5	16QAM	25	0	21.97	21.96	22.02		
5	64QAM	1	0	22.12	22.04	22.07		
5	64QAM	1	12	22.21	22.22	22.17	23	2
5	64QAM	1	24	22.20	22.05	22.10		
5	64QAM	12	0	21.88	21.02	21.02		
5	64QAM	12	7	21.05	21.06	21.01		
5	64QAM	12	13	21.02	21.06	21.07		
5	64QAM	25	0	21.03	21.08	21.07	22	3
Channel						23025	23095	
Frequency [MHz]						707.5	717.5	
3	QPSK	1	0	23.82	23.83	23.78	25	0
3	QPSK	1	8	24.00	24.07	24.06		
3	QPSK	1	14	23.85	23.97	23.90		
3	QPSK	8	0	23.06	23.02	23.07		
3	QPSK	8	4	23.08	23.04	23.01		
3	QPSK	8	7	23.08	23.10	23.08	24	1
3	QPSK	15	0	23.05	23.07	23.07		
3	16QAM	1	0	23.05	23.00	23.09		
3	16QAM	1	8	23.29	23.24	23.22		
3	16QAM	1	14	23.14	23.10	23.07		
3	16QAM	8	0	21.88	21.90	21.97	23	2
3	16QAM	8	4	21.89	21.97	21.88		
3	16QAM	8	7	22.01	21.86	21.96		
3	16QAM	15	0	21.98	21.94	21.99		
3	64QAM	1	0	22.16	22.00	22.02		
3	64QAM	1	8	22.24	22.20	22.24	23	2
3	64QAM	1	14	22.11	22.11	22.10		
3	64QAM	8	0	21.09	21.05	21.07		
3	64QAM	8	4	21.12	21.02	21.02		
3	64QAM	8	7	21.04	21.05	21.03		
3	64QAM	15	0	21.04	21.05	21.09	22	3
Channel						23017	23095	
Frequency [MHz]						707.5	717.5	
1.4	QPSK	1	0	23.83	23.82	23.87	25	0
1.4	QPSK	1	5	24.02	24.04	24.05		
1.4	QPSK	1	5	23.97	23.90	23.96		
1.4	QPSK	3	0	23.09	23.08	23.81		
1.4	QPSK	3	1	23.93	23.97	23.97		
1.4	QPSK	3	3	23.92	23.78	23.95	24	1
1.4	QPSK	6	0	23.04	23.07	23.04		
1.4	16QAM	1	0	23.19	23.12	23.04		
1.4	16QAM	1	3	23.24	23.19	23.24		
1.4	16QAM	1	5	23.05	23.08	23.09		
1.4	16QAM	3	0	23.12	23.09	23.05	24	1
1.4	16QAM	3	3	23.18	23.16	23.22		
1.4	16QAM	3	3	23.04	23.03	23.01		
1.4	16QAM	6	0	21.85	21.88	22.10		
1.4	64QAM	1	0	22.01	22.02	21.96		
1.4	64QAM	1	5	22.18	22.23	22.22	23	2
1.4	64QAM	1	5	22.08	22.17	22.14		
1.4	64QAM	3	0	21.93	21.96	21.84		
1.4	64QAM	3	1	22.06	22.10	22.21		
1.4	64QAM	3	3	22.06	22.11	22.04		
1.4	64QAM	6	0	21.95	21.93	21.99	22	3
Channel						23012	23095	
Frequency [MHz]						707.5	717.5	
1.4	QPSK	1	0	23.83	23.82	23.87	25	0
1.4	QPSK	1	5	24.02	24.04	24.05		
1.4	QPSK	1	5	23.97	23.90	23.96		
1.4	QPSK	3	0	23.09	23.08	23.81		
1.4	QPSK	3	1	23.93	23.97	23.97		
1.4	QPSK	3	3	23.92	23.78	23.95	24	1
1.4	QPSK	6	0	23.04	23.07	23.04		
1.4	16QAM	1	0	23.19	23.12	23.04		
1.4	16QAM	1	3	23.24	23.19	23.24		
1.4	16QAM	1	5	23.05	23.08	23.09		
1.4	16QAM	3	0	23.12	23.09	23.05	24	1
1.4	16QAM	3	3	23.18	23.16	23.22		
1.4	16QAM	3	3	23.04	23.03	23.01		
1.4	16QAM	6	0	21.85	21.88	22.10		
1.4	64QAM	1	0	22.01	22.02	21.96		
1.4	64QAM	1	5	22.18	22.23	22.22	23	2
1.4	64QAM	1	5	22.08	22.17	22.14		
1.4	64QAM	3	0	21.93	21.96	21.84		
1.4	64QAM	3	1	22.06	22.10	22.21		
1.4	64QAM	3	3	22.06	22.11	22.04		
1.4	64QAM	6	0	21.95	21.93	21.99	22	3
Channel						23017	23095	
Frequency [MHz]						707.5	717.5	
1.4	QPSK	1	0	23.83	23.82	23.87	25	0
1.4	QPSK	1	5	24.02	24.04	24.05		
1.4	QPSK	1	5	23.97	23.90	23.96		
1.4	QPSK	3	0	23.09	23.08	23.81		
1.4	QPSK	3	1	23.93	23.97	23.97		
1.4	QPSK	3	3	23.92	23.78	23.95	24	1
1.4	QPSK	6	0	23.04	23.07	23.04		
1.4	16QAM	1	0	23.19	23.12	23.04		
1.4	16QAM	1	3	23.24	23.19	23.24		
1.4	16QAM	1	5	23.05	23.08	23.09		
1.4	16QAM	3	0	23.12	23.09	23.05	24	1
1.4	16QAM	3	3	23.18	23.16	23.22		
1.4	16QAM	3	3	23.04	23.03	23.01		
1.4	16QAM	6	0	21.85	21.88	22.10		
1.4	64QAM	1	0	22.01	22.02	21.96		
1.4	64QAM	1	5	22.18	22.23	22.22	23	2
1.4	64QAM	1	5	22.08	22.17	22.14		
1.4	64QAM	3	0	21.93	21.96	21.84		
1.4	64QAM	3	1	22.06	22.10	22.21		
1.4	64QAM	3	3	22.06	22.11	22.04		
1.4	64QAM	6	0	21.95	21.93	21.99	22	3
Channel						23017	23095	
Frequency [MHz]						707.5	717.5	

Band 25_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power		Power		Tune-up limit (dBm)	MPR (dB)		
				Low Ch / Freq 26140	High Ch / Freq 26550	Mid Ch / Freq 26340	High Ch / Freq 26550				
Channel											
Frequency (MHz)											
20	QPSK	1	0	20.80	20.92	20.80	22	0			
20	QPSK	1	49	20.89	20.95	20.85					
20	QPSK	1	99	20.87	20.81	20.72					
20	QPSK	50	0	20.74	20.82	20.76	22	0			
20	QPSK	50	24	20.77	20.94	20.73					
20	QPSK	50	50	20.76	20.88	20.84					
20	QPSK	100	0	20.88	20.93	20.70	22	0			
20	16QAM	1	0	20.75	20.85	20.71					
20	16QAM	1	49	20.83	20.90	20.77					
20	16QAM	1	99	20.82	20.89	20.78	22	0			
20	16QAM	50	0	20.89	20.89	20.73					
20	16QAM	50	24	20.82	20.84	20.78					
20	16QAM	50	50	20.77	20.87	20.76	22	0			
20	16QAM	100	0	20.77	20.91	20.79					
20	16QAM	1	0	20.78	20.84	20.72					
20	16QAM	1	49	20.85	20.83	20.84	22	0			
20	16QAM	1	99	20.78	20.87	20.82					
20	16QAM	50	0	20.84	20.85	20.83					
20	16QAM	50	24	20.83	20.85	20.85	22	0			
20	16QAM	50	50	20.87	20.86	20.72					
20	16QAM	100	0	20.78	20.82	20.77					
Channel											
Frequency (MHz)											
15	QPSK	1	0	20.70	20.91	20.73	22	0			
15	QPSK	1	37	20.78	20.84	20.70					
15	QPSK	1	74	20.87	20.79	20.64					
15	QPSK	36	0	20.60	20.78	20.73	22	0			
15	QPSK	36	20	20.73	20.92	20.62					
15	QPSK	36	38	20.63	20.74	20.69					
15	QPSK	75	0	20.88	20.81	20.55	22	0			
15	16QAM	1	0	20.67	20.72	20.60					
15	16QAM	1	37	20.77	20.69	20.63					
15	16QAM	1	74	20.82	20.89	20.67	22	0			
15	16QAM	36	0	20.87	20.82	20.58					
15	16QAM	36	20	20.81	20.75	20.75					
15	16QAM	36	38	20.72	20.87	20.75	22	0			
15	16QAM	75	0	20.65	20.80	20.69					
15	16QAM	1	0	20.73	20.89	20.57					
15	16QAM	1	37	20.78	20.81	20.83	22	0			
15	16QAM	1	74	20.78	20.76	20.68					
15	16QAM	36	0	20.77	20.81	20.68					
15	16QAM	36	20	20.75	20.83	20.78	22	0			
15	16QAM	36	38	20.84	20.80	20.59					
15	16QAM	75	0	20.64	20.77	20.67					
Channel											
Frequency (MHz)											
10	QPSK	1	0	20.75	20.83	20.78	22	0			
10	QPSK	1	25	20.85	20.91	20.78					
10	QPSK	1	49	20.75	20.89	20.70					
10	QPSK	25	0	20.70	20.80	20.69	22	0			
10	QPSK	25	12	20.65	20.83	20.68					
10	QPSK	25	26	20.67	20.83	20.83					
10	16QAM	1	0	20.75	20.78	20.67	22	0			
10	16QAM	1	25	20.81	20.75	20.70					
10	16QAM	1	49	20.76	20.74	20.64					
10	16QAM	25	0	20.74	20.86	20.70	22	0			
10	16QAM	25	12	20.67	20.75	20.72					
10	16QAM	25	26	20.84	20.83	20.61					
10	16QAM	50	0	20.67	20.85	20.67	22	0			
10	16QAM	50	0	20.75	20.83	20.64					
10	16QAM	1	25	20.77	20.80	20.83					
10	16QAM	1	49	20.69	20.77	20.67	22	0			
10	16QAM	25	0	20.84	20.78	20.83					
10	16QAM	25	12	20.72	20.79	20.83					
10	16QAM	25	26	20.83	20.83	20.69	22	0			
10	16QAM	50	0	20.75	20.78	20.70					
Channel											
Frequency (MHz)											
5	QPSK	1	0	20.75	20.85	20.71			22	0	
5	QPSK	1	12	20.73	20.84	20.80					
5	QPSK	1	24	20.80	20.78	20.64					
5	QPSK	12	0	20.71	20.82	20.68	22	0			
5	QPSK	12	7	20.71	20.88	20.69					
5	QPSK	12	13	20.62	20.88	20.83					
5	QPSK	25	0	20.87	20.74	20.66	22	0			
5	16QAM	1	0	20.73	20.85	20.65					
5	16QAM	1	12	20.75	20.81	20.68					
5	16QAM	1	24	20.82	20.78	20.69	22	0			
5	16QAM	12	0	20.86	20.75	20.67					
5	16QAM	12	7	20.77	20.74	20.64					
5	16QAM	12	13	20.72	20.88	20.65	22	0			
5	16QAM	25	0	20.65	20.86	20.72					
5	16QAM	15	0	20.64	20.82	20.61					
5	16QAM	1	12	20.75	20.77	20.78	22	0			
5	16QAM	1	24	20.64	20.84	20.69					
5	16QAM	12	0	20.60	20.84	20.72					
5	16QAM	12	7	20.73	20.70	20.76	22	0			
5	16QAM	12	13	20.78	20.74	20.72					
5	16QAM	25	0	20.74	20.63	20.63					
Channel											
Frequency (MHz)											
3	QPSK	1	0	20.78	20.82	20.73	22	0			
3	QPSK	1	8	20.82	20.81	20.84					
3	QPSK	1	14	20.76	20.81	20.62					
3	QPSK	8	0	20.69	20.92	20.61	22	0			
3	QPSK	8	4	20.72	20.82	20.61					
3	QPSK	8	7	20.70	20.85	20.78					
3	QPSK	15	0	20.81	20.80	20.67	22	0			
3	16QAM	1	0	20.62	20.80	20.59					
3	16QAM	1	8	20.82	20.77	20.77					
3	16QAM	1	14	20.78	20.80	20.69	22	0			
3	16QAM	8	0	20.80	20.82	20.68					
3	16QAM	8	7	20.75	20.78	20.66					
3	16QAM	15	0	20.66	20.83	20.65	22	0			
3	16QAM	15	0	20.63	20.75	20.69					
3	16QAM	1	0	20.71	20.75	20.71					
3	16QAM	1	14	20.78	20.83	20.70	22	0			
3	16QAM	8	0	20.81	20.73	20.68					
3	16QAM	8	4	20.72	20.84	20.75					
3	16QAM	8	7	20.85	20.72	20.72	22	0			
3	16QAM	15	0	20.67	20.82	20.77					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	20.70	20.89	20.66			22	0	
1.4	QPSK	1	3	20.75	20.84	20.81					
1.4	QPSK	1	5	20.77	20.79	20.61					
1.4	QPSK	3	0	20.72	20.92	20.69	22	0			
1.4	QPSK	3	1	20.77	20.86	20.72					
1.4	QPSK	3	3	20.65	20.76	20.69					
1.4	QPSK	6	0	20.81	20.83	20.69	22	0			
1.4	16QAM	1	0	20.63	20.82	20.65					
1.4	16QAM	1	3	20.83	20.86	20.77					
1.4	16QAM	1	5	20.74	20.86	20.65	22	0			
1.4	16QAM	3	0	20.75	20.79	20.69					
1.4	16QAM	3	1	20.72	20.83	20.69					
1.4	16QAM	3	3	20.73	20.86	20.74	22	0			
1.4	16QAM	6	0	20.66	20.89	20.78					
1.4	16QAM	6	1	20.76	20.81	20.58					
1.4	16QAM	1	0	20.80	20.77	20.84	22	0			
1.4	16QAM	1	5	20.87	20.86	20.78					
1.4	16QAM	3	0	20.73	20.72	20.71					
1.4	16QAM	3	1	20.75	20.76	20.76	22	0			
1.4	16QAM	3	3	20.83	20.72	20.72					
1.4	16QAM	6	0	20.66	20.80	20.70					

Band 26_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power		Tune-up limit (dbm)	MPR (db)	
				Low Ch / Freq 26140	Power Middle Ch / Freq 26340			
Channel								
Frequency (MHz)				816.5	831.5			
15	QPSK	1	0	23.12	23.64	23.68	25	0
15	QPSK	1	37	23.81	23.68	23.81		
15	QPSK	1	74	23.68	23.58	23.61		
15	QPSK	36	0	22.83	22.83	22.78	24	1
15	QPSK	36	39	22.83	22.87	22.79		
15	QPSK	75	0	22.81	22.83	22.73		
15	16QAM	1	0	22.78	23.05	23.00	24	1
15	16QAM	37	0	23.14	23.14	23.08		
15	16QAM	1	74	23.02	22.88	22.76		
15	16QAM	36	0	21.81	21.81	21.77	23	2
15	16QAM	36	39	21.81	21.81	21.65		
15	16QAM	75	0	21.82	21.82	21.70		
15	64QAM	1	0	21.70	21.80	21.80	23	2
15	64QAM	1	37	22.00	22.10	21.97		
15	64QAM	36	39	20.84	21.72	21.72		
15	64QAM	36	74	21.83	20.84	20.84	22	3
15	64QAM	36	20	20.83	20.87	20.76		
15	64QAM	75	0	20.83	20.83	20.66		
15	64QAM	75	0	20.79	20.80	20.71		
Channel				26740	26665	26660		
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dbm)	MPR (db)
10	QPSK	1	0	23.47	23.51	23.50	25	0
10	QPSK	1	25	23.68	23.62	23.69		
10	QPSK	1	49	23.45	23.46	23.40		
10	QPSK	25	0	22.77	22.75	22.72	24	1
10	QPSK	25	12	22.76	22.74	22.67		
10	QPSK	25	25	22.70	22.70	22.52		
10	QPSK	50	0	22.66	22.75	22.68	24	1
10	16QAM	1	0	22.64	22.81	22.75		
10	16QAM	1	25	23.39	23.39	23.04		
10	16QAM	1	49	22.84	22.83	22.72	23	2
10	16QAM	6	0	21.71	21.81	21.68		
10	16QAM	25	12	21.76	21.79	21.75		
10	16QAM	25	25	21.67	21.68	21.53	23	2
10	16QAM	25	50	21.76	21.63	21.70		
10	64QAM	1	0	21.55	21.78	21.68		
10	64QAM	1	25	21.94	22.02	21.93	22	3
10	64QAM	49	0	21.71	21.67	21.64		
10	64QAM	25	0	20.80	20.74	20.76		
10	64QAM	25	12	20.81	20.84	20.74	24	1
10	64QAM	25	25	20.69	20.70	20.57		
10	64QAM	50	0	20.67	20.74	20.77		
Channel				816.5	831.5	846.5	Tune-up limit (dbm)	MPR (db)
5	QPSK	1	0	23.46	23.55	23.56	25	0
5	QPSK	1	12	23.66	23.66	23.74		
5	QPSK	1	24	23.52	23.53	23.43		
5	QPSK	12	0	22.70	22.79	22.76	24	1
5	QPSK	12	7	22.78	22.80	22.76		
5	QPSK	12	13	22.72	22.79	22.50		
5	QPSK	25	0	22.71	22.78	22.65	24	1
5	16QAM	1	0	22.67	23.03	22.75		
5	16QAM	1	12	23.03	23.17	23.06		
5	16QAM	1	24	23.02	22.81	22.79	23	2
5	16QAM	12	0	21.78	21.78	21.58		
5	16QAM	12	7	21.72	21.80	21.66		
5	16QAM	12	13	21.73	21.78	21.60	23	2
5	16QAM	12	25	21.72	21.69	21.68		
5	64QAM	1	0	21.63	21.76	21.67		
5	64QAM	12	0	21.80	22.00	21.84	22	3
5	64QAM	1	24	21.84	21.72	21.70		
5	64QAM	12	0	20.83	20.82	20.66		
5	64QAM	12	7	20.68	20.71	20.65	24	1
5	64QAM	12	13	20.69	20.71	20.58		
5	64QAM	25	0	20.76	20.77	20.68		
Channel				816.5	831.5	847.5	Tune-up limit (dbm)	MPR (db)
3	QPSK	1	0	23.46	23.59	23.47	25	0
3	QPSK	1	23	23.70	23.73	23.79		
3	QPSK	1	14	23.43	23.48	23.48		
3	QPSK	6	0	22.78	22.77	22.68	24	1
3	QPSK	6	4	22.75	22.72	22.78		
3	QPSK	6	7	22.75	22.81	22.62		
3	16QAM	1	0	22.72	22.80	22.80	24	1
3	16QAM	1	8	23.10	23.16	23.08		
3	16QAM	1	14	22.77	22.86	22.63		
3	16QAM	6	0	21.70	21.81	21.64	23	2
3	16QAM	6	4	21.72	21.77	21.72		
3	16QAM	6	7	21.73	21.73	21.57		
3	16QAM	16	0	21.78	21.73	21.70	23	2
3	64QAM	1	0	21.65	21.76	21.79		
3	64QAM	1	21.99	22.10	22.07	21.90		
3	64QAM	1	14	21.78	21.70	21.58	22	3
3	64QAM	6	0	20.76	20.83	20.73		
3	64QAM	6	4	20.76	20.77	20.60		
3	64QAM	6	7	20.73	20.77	20.67	24	1
3	64QAM	16	0	20.72	20.72	20.58		
Channel				26697	26665	27033		
Frequency (MHz)				816.5	831.5	846.3		
1.4	QPSK	1	0	23.46	23.42	23.47	25	0
1.4	QPSK	1	3	23.76	23.75	23.78		
1.4	QPSK	1	5	23.43	23.55	23.38		
1.4	QPSK	3	0	23.30	23.30	23.45	24	1
1.4	QPSK	3	1	23.68	23.67	23.73		
1.4	QPSK	3	3	23.40	23.50	23.27		
1.4	16QAM	1	0	22.81	22.83	22.72	24	1
1.4	16QAM	1	0	22.74	23.01	23.00		
1.4	16QAM	3	0	23.09	23.09	23.00		
1.4	16QAM	1	5	22.81	22.80	22.81	24	1
1.4	16QAM	3	0	22.66	22.77	22.83		
1.4	16QAM	1	23.1	22.80	22.80	22.88		
1.4	16QAM	3	3	22.70	22.71	22.54	23	2
1.4	16QAM	6	0	21.67	21.67	21.60		
1.4	64QAM	1	0	21.56	21.72	21.70		
1.4	64QAM	1	3	22.00	22.02	21.89	23	2
1.4	64QAM	1	5	21.76	21.70	21.68		
1.4	64QAM	1	21.53	21.73	21.58	21.58		
1.4	64QAM	3	1	21.91	21.88	21.80	22	3
1.4	64QAM	2	3	21.65	21.69	21.66		
1.4	64QAM	5	0	20.77	20.79	20.58		

Band 66_Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F Freq. 1300972	Power Mode Ch. F Freq. 130322	Power High Ch. F Freq. 1305972	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	18.50	18.50	18.50	19.5	0		
20	QPSK	1	49	18.60	18.59	18.59				
20	QPSK	1	99	18.45	18.55	18.49				
20	QPSK	50	0	18.55	18.54	18.52				
20	QPSK	50	24	18.61	18.68	18.66	19.5	0		
20	QPSK	50	50	18.55	18.63	18.56				
20	QPSK	100	0	18.46	18.55	18.44				
20	16QAM	1	0	18.58	18.63	18.59				
20	16QAM	1	49	18.63	18.67	18.60	19.5	0		
20	16QAM	1	99	18.44	18.48	18.41				
20	16QAM	50	0	18.59	18.44	18.37				
20	16QAM	50	24	18.56	18.56	18.56				
20	16QAM	50	50	18.59	18.62	18.52	19.5	0		
20	16QAM	100	0	18.55	18.57	18.51				
20	64QAM	1	0	18.59	18.63	18.61				
20	64QAM	1	49	18.61	18.61	18.55	19.5	0		
20	64QAM	1	99	18.41	18.45	18.39				
20	64QAM	50	0	18.49	18.47	18.43				
20	64QAM	50	24	18.56	18.64	18.55				
20	64QAM	50	50	18.54	18.59	18.56	19.5	0		
20	64QAM	100	0	18.51	18.55	18.54				
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.59	18.61	18.58	19.5	0		
15	QPSK	1	37	18.65	18.61	18.64				
15	QPSK	1	74	18.48	18.43	18.49				
15	QPSK	36	0	18.51	18.53	18.52				
15	QPSK	36	20	18.67	18.65	18.59	19.5	0		
15	QPSK	36	39	18.54	18.61	18.54				
15	QPSK	75	0	18.57	18.57	18.59				
15	16QAM	1	0	18.54	18.59	18.62				
15	16QAM	1	37	18.62	18.66	18.59	19.5	0		
15	16QAM	1	74	18.46	18.42	18.43				
15	16QAM	36	0	18.39	18.37	18.40				
15	16QAM	36	20	18.69	18.65	18.62				
15	16QAM	36	39	18.54	18.55	18.57	19.5	0		
15	16QAM	75	0	18.55	18.48	18.47				
15	64QAM	1	0	18.53	18.54	18.55				
15	64QAM	1	37	18.60	18.52	18.58	19.5	0		
15	64QAM	1	74	18.38	18.40	18.35				
15	64QAM	36	0	18.41	18.38	18.44				
15	64QAM	36	20	18.61	18.61	18.62				
15	64QAM	36	39	18.52	18.49	18.54	19.5	0		
15	64QAM	75	0	18.56	18.58	18.54				
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.58	18.65	18.64	19.5	0		
10	QPSK	1	25	18.63	18.61	18.62				
10	QPSK	1	49	18.52	18.51	18.53				
10	QPSK	25	0	18.48	18.50	18.53				
10	QPSK	25	12	18.63	18.61	18.61	19.5	0		
10	QPSK	25	25	18.53	18.56	18.53				
10	QPSK	50	0	18.65	18.58	18.59				
10	16QAM	1	0	18.54	18.62	18.59				
10	16QAM	1	25	18.66	18.64	18.66	19.5	0		
10	16QAM	1	49	18.44	18.39	18.39				
10	16QAM	25	0	18.34	18.40	18.43				
10	16QAM	25	12	18.64	18.60	18.59				
10	16QAM	50	0	18.50	18.48	18.51	19.5	0		
10	16QAM	50	0	18.55	18.58	18.53				
10	64QAM	1	0	18.56	18.53	18.53				
10	64QAM	1	25	18.65	18.58	18.59				
10	64QAM	1	49	18.38	18.43	18.42	19.5	0		
10	64QAM	25	0	18.38	18.44	18.43				
10	64QAM	25	12	18.59	18.54	18.54				
10	64QAM	25	25	18.56	18.50	18.52				
10	64QAM	50	0	18.50	18.51	18.57	19.5	0		
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.65	18.57	18.64	19.5	0		
5	QPSK	1	12	18.66	18.66	18.63				
5	QPSK	1	24	18.54	18.51	18.51				
5	QPSK	12	0	18.51	18.50	18.50				
5	QPSK	12	7	18.62	18.58	18.62	19.5	0		
5	QPSK	12	13	18.61	18.50	18.59				
5	QPSK	25	0	18.58	18.56	18.62				
5	16QAM	1	0	18.62	18.60	18.57				
5	16QAM	1	12	18.61	18.63	18.60	19.5	0		
5	16QAM	1	24	18.42	18.41	18.40				
5	16QAM	12	0	18.37	18.39	18.37				
5	16QAM	12	7	18.69	18.59	18.59				
5	16QAM	12	13	18.59	18.57	18.54	19.5	0		
5	16QAM	25	0	18.56	18.55	18.50				
5	64QAM	1	0	18.63	18.62	18.62				
5	64QAM	1	12	18.57	18.52	18.56				
5	64QAM	1	24	18.35	18.38	18.36	19.5	0		
5	64QAM	12	0	18.45	18.42	18.39				
5	64QAM	12	7	18.59	18.54	18.54				
5	64QAM	12	13	18.56	18.49	18.51				
5	64QAM	25	0	18.58	18.56	18.57	19.5	0		
Channel										
Frequency (MHz)										
3	QPSK	1	0	18.62	18.57	18.63	19.5	0		
3	QPSK	1	8	18.64	18.64	18.59				
3	QPSK	1	14	18.54	18.48	18.50				
3	QPSK	8	0	18.48	18.47	18.53				
3	QPSK	8	4	18.61	18.62	18.63	19.5	0		
3	QPSK	8	7	18.55	18.61	18.60				
3	QPSK	15	0	18.61	18.62	18.59				
3	16QAM	1	0	18.57	18.61	18.53				
3	16QAM	1	8	18.61	18.66	18.66	19.5	0		
3	16QAM	1	14	18.38	18.43	18.38				
3	16QAM	8	0	18.37	18.43	18.37				
3	16QAM	8	4	18.58	18.58	18.59				
3	16QAM	8	7	18.61	18.55	18.61	19.5	0		
3	16QAM	15	0	18.49	18.49	18.52				
3	64QAM	1	0	18.54	18.60	18.53				
3	64QAM	1	8	18.57	18.54	18.58				
3	64QAM	1	14	18.44	18.42	18.41	19.5	0		
3	64QAM	8	0	18.40	18.39	18.39				
3	64QAM	8	4	18.63	18.62	18.59				
3	64QAM	8	7	18.54	18.53	18.49				
3	64QAM	15	0	18.59	18.58	18.54	19.5	0		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.63	18.65	18.64	19.5	0		
1.4	QPSK	1	3	18.62	18.60	18.63				
1.4	QPSK	1	6	18.52	18.49	18.52				
1.4	QPSK	3	0	18.63	18.47	18.45				
1.4	QPSK	3	1	18.66	18.58	18.65	19.5	0		
1.4	QPSK	3	3	18.62	18.58	18.54				
1.4	QPSK	6	0	18.62	18.59	18.56				
1.4	16QAM	1	0	18.60	18.63	18.61				
1.4	16QAM	1	3	18.63	18.63	18.60	19.5	0		
1.4	16QAM	1	5	18.45	18.46	18.43				
1.4	16QAM	3	0	18.63	18.40	18.41				
1.4	16QAM	3	1	18.60	18.59	18.56				
1.4	16QAM	3	3	18.60	18.61	18.55	19.5	0		
1.4	16QAM	6	0	18.55	18.48	18.53				
1.4	64QAM	1	0	18.62	18.60	18.58				
1.4	64QAM	1	3	18.60	18.52	18.54				
1.4	64QAM	1	5	18.38	18.42	18.42	19.5	0		
1.4	64QAM	3	0	18.41	18.39	18.37				
1.4	64QAM	3	1	18.63	18.60	18.54				
1.4	64QAM	3	3	18.50	18.51	18.53				
1.4	64QAM	6	0	18.50	18.56	18.51	19.5	0		

Band 71_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F / Freq. 133222	Power Mode Ch. F / Freq. 133297	Power High Ch. F / Freq. 133372	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	23.39	23.47	23.51	24.5	0
20	QPSK	1	49	23.43	23.72	23.53		
20	QPSK	1	99	23.12	23.41	23.22	23.5	1
20	QPSK	50	0	22.31	22.43	22.43		
20	QPSK	50	24	22.39	22.70	22.53	23.5	1
20	QPSK	50	99	22.36	22.63	22.44		
20	QPSK	100	0	22.34	22.54	22.46	23.5	1
20	16QAM	1	0	22.60	22.88	22.89		
20	16QAM	1	49	23.16	23.45	23.32	23.5	1
20	16QAM	1	99	22.44	22.72	22.54		
20	16QAM	50	0	21.37	21.66	21.48	22.5	2
20	16QAM	50	24	21.43	21.73	21.56		
20	16QAM	100	0	20.36	20.65	20.47	22.5	2
20	16QAM	100	0	21.56	21.86	21.67		
20	16QAM	50	50	21.37	21.68	21.49	21.5	3
20	16QAM	50	24	21.36	21.65	21.47		
20	64QAM	1	0	21.53	21.84	21.63	21.5	3
20	64QAM	1	49	21.65	21.93	21.77		
20	64QAM	1	99	21.35	21.64	21.46	21.5	3
20	64QAM	50	0	20.33	20.63	20.45		
20	64QAM	50	24	20.44	20.71	20.55	21.5	3
20	64QAM	50	99	20.39	20.67	20.52		
20	64QAM	100	0	20.31	20.61	20.46	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	0	19.63	19.63	19.63	24.5	0
15	QPSK	1	37	23.42	23.70	23.39		
15	QPSK	1	74	23.01	23.30	23.11	23.5	1
15	QPSK	36	0	22.23	22.35	22.38		
15	QPSK	36	20	22.34	22.63	22.39	23.5	1
15	QPSK	75	0	22.29	22.31	22.36		
15	16QAM	1	0	22.60	22.74	22.82	23.5	1
15	16QAM	1	37	23.16	23.45	23.32		
15	16QAM	1	74	22.24	22.58	22.48	22.5	2
15	16QAM	36	0	21.24	21.64	21.46		
15	16QAM	36	20	21.31	21.71	21.50	22.5	2
15	16QAM	36	99	21.37	21.52	21.46		
15	16QAM	75	0	21.28	21.61	21.46	22.5	2
15	64QAM	1	0	21.51	21.77	21.53		
15	64QAM	1	37	21.62	21.81	21.55	22.5	2
15	64QAM	1	74	21.34	21.63	21.45		
15	64QAM	50	0	20.20	20.39	20.43	21.5	3
15	64QAM	36	20	20.43	20.68	20.50		
15	64QAM	36	99	20.28	20.67	20.43	Tune-up limit (dBm)	MPR (dB)
15	64QAM	75	0	20.21	20.32	20.40		
Channel								
Frequency (MHz)								
10	QPSK	1	0	23.28	23.57	23.40	24.5	0
10	QPSK	1	25	23.28	23.71	23.41		
10	QPSK	1	49	23.01	23.30	23.15	23.5	1
10	QPSK	25	0	22.29	22.49	22.32		
10	QPSK	25	12	22.27	22.56	22.46	23.5	1
10	QPSK	50	0	22.30	22.36	22.37		
10	QPSK	50	0	22.30	22.44	22.44	23.5	1
10	16QAM	1	0	22.51	22.75	22.62		
10	16QAM	1	49	22.68	22.96	22.78	23.5	1
10	16QAM	1	99	22.41	22.54	22.52		
10	16QAM	25	0	21.25	21.56	21.39	22.5	2
10	16QAM	25	12	21.38	21.58	21.53		
10	16QAM	25	25	21.31	21.64	21.36	22.5	2
10	16QAM	50	0	21.33	21.54	21.47		
10	64QAM	1	0	21.54	21.74	21.65	22.5	2
10	64QAM	1	25	21.51	21.89	21.56		
10	64QAM	1	49	21.34	21.63	21.45	21.5	3
10	64QAM	50	0	20.26	20.35	20.43		
10	64QAM	25	12	20.35	20.71	20.41	Tune-up limit (dBm)	MPR (dB)
10	64QAM	25	25	20.20	20.60	20.47		
10	64QAM	50	0	20.29	20.39	20.42		
Channel								
Frequency (MHz)								
5	QPSK	1	0	19.63	19.63	19.63	24.5	0
5	QPSK	1	12	23.29	23.57	23.43		
5	QPSK	1	24	22.98	23.28	23.17	23.5	1
5	QPSK	12	0	22.24	22.48	22.37		
5	QPSK	12	7	22.26	22.68	22.52	23.5	1
5	QPSK	12	13	22.29	22.69	22.34		
5	QPSK	0	0	22.22	22.42	22.34	23.5	1
5	16QAM	1	0	22.59	22.80	22.65		
5	16QAM	1	12	23.02	23.30	23.16	22.5	2
5	16QAM	1	24	22.33	22.64	22.48		
5	16QAM	12	0	21.23	21.54	21.40	22.5	2
5	16QAM	12	7	21.43	21.68	21.50		
5	16QAM	12	13	21.22	21.50	21.35	22.5	2
5	16QAM	25	0	21.28	21.64	21.46		
5	64QAM	1	0	21.42	21.72	21.62	22.5	2
5	64QAM	1	12	21.53	21.84	21.63		
5	64QAM	1	24	21.27	21.49	21.44	21.5	3
5	64QAM	12	0	20.24	20.36	20.36		
5	64QAM	12	7	20.30	20.60	20.52	Tune-up limit (dBm)	MPR (dB)
5	64QAM	12	13	20.31	20.53	20.43		
5	64QAM	25	0	20.31	20.31	20.31	21.5	3
5	64QAM	25	12	20.31	20.53	20.43		

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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	22.26	22.27	22.61	22.45	22.50	24	0
20	QPSK	1	48	22.71	22.78	22.81	22.84	22.80		
20	QPSK	1	96	22.47	22.58	22.63	22.55	22.45		
20	QPSK	50	0	21.47	21.46	21.71	21.56	21.67		
20	QPSK	50	24	21.55	21.63	21.74	21.68	21.61	23	1
20	QPSK	50	50	21.54	21.63	21.63	21.57	21.53		
20	QPSK	100	0	21.53	21.59	21.72	21.67	21.63		
20	16QAM	1	0	21.41	21.40	21.70	21.56	21.57		
20	16QAM	1	48	21.79	21.83	21.96	21.85	21.86	23	1
20	16QAM	1	96	21.52	21.67	21.67	21.61	21.56		
20	16QAM	50	0	20.46	20.52	20.79	20.66	20.70		
20	16QAM	50	24	20.62	20.66	20.77	20.64	20.68		
20	16QAM	50	50	20.60	20.62	20.68	20.63	20.52	22	2
20	16QAM	100	0	20.61	20.63	20.67	20.76	20.72		
20	64QAM	1	0	20.14	20.12	20.36	20.26	20.36		
20	64QAM	1	48	20.56	20.65	20.72	20.64	20.71		
20	64QAM	1	96	20.26	20.39	20.42	20.38	20.28	22	2
20	64QAM	50	0	19.47	19.54	19.75	19.64	19.63		
20	64QAM	50	24	19.60	19.67	19.74	19.66	19.65		
20	64QAM	50	50	19.57	19.64	19.69	19.59	19.56		
20	64QAM	100	0	19.58	19.64	19.62	19.71	19.67	21	3
Channel				39725	40173	40620	41066	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.23	22.25	22.52	22.37	22.37	24	0
15	QPSK	1	37	22.70	22.73	22.89	22.78	22.69		
15	QPSK	1	74	22.46	22.55	22.51	22.41	22.35		
15	QPSK	36	0	21.36	21.33	21.69	21.42	21.60		
15	QPSK	36	0	21.51	21.51	21.69	21.68	21.60	23	1
15	QPSK	36	39	21.51	21.59	21.55	21.55	21.53		
15	QPSK	72	0	21.41	21.44	21.71	21.52	21.57		
15	16QAM	1	0	21.28	21.34	21.60	21.41	21.44		
15	16QAM	1	37	21.74	21.82	21.84	21.75	21.81	23	1
15	16QAM	1	74	21.41	21.53	21.67	21.47	21.50		
15	16QAM	36	0	20.46	20.42	20.64	20.62	20.55		
15	16QAM	36	0	20.46	20.54	20.72	20.61	20.62		
15	16QAM	36	39	20.47	20.51	20.67	20.54	20.37	22	2
15	16QAM	72	0	20.48	20.56	20.79	20.67	20.72		
15	64QAM	1	0	20.14	20.02	20.23	20.16	20.27		
15	64QAM	1	37	20.45	20.58	20.61	20.64	20.70		
15	64QAM	1	74	20.14	20.34	20.28	20.28	20.20	22	2
15	64QAM	36	0	19.40	19.49	19.73	19.49	19.53		
15	64QAM	36	0	19.58	19.66	19.66	19.53	19.54		
15	64QAM	36	39	19.57	19.54	19.63	19.44	19.43		
15	64QAM	72	0	19.56	19.61	19.71	19.62	19.60	Tune-up limit (dBm)	MPR (dB)
Channel				39700	40620	40140	40590	41590		
Frequency (MHz)				2501	2593	2557	2616	2685		
10	QPSK	1	0	22.21	22.12	22.59	22.31	22.38	24	0
10	QPSK	1	25	22.6	22.65	22.84	22.75	22.76		
10	QPSK	1	49	22.34	22.48	22.53	22.45	22.37		
10	QPSK	25	0	21.4	21.36	21.64	21.51	21.6		
10	QPSK	25	12	21.4	21.63	21.71	21.56	21.59	23	1
10	QPSK	25	25	21.45	21.6	21.63	21.57	21.46		
10	16QAM	1	0	21.45	21.57	21.67	21.54	21.5		
10	16QAM	1	0	21.38	21.39	21.62	21.53	21.43		
10	16QAM	1	25	21.7	21.7	21.81	21.77	21.79	23	1
10	16QAM	1	49	21.42	21.65	21.56	21.51	21.52		
10	16QAM	25	0	20.36	20.46	20.76	20.61	20.69		
10	16QAM	25	12	20.6	20.51	20.77	20.56	20.58		
10	16QAM	25	25	20.48	20.47	20.64	20.63	20.48	22	2
10	16QAM	50	0	20.54	20.51	20.74	20.61	20.65		
10	64QAM	1	0	20	20.01	20.25	20.21	20.35		
10	64QAM	1	25	20.56	20.52	20.59	20.57	20.59		
10	64QAM	1	49	20.15	20.29	20.28	20.27	20.27	22	2
10	64QAM	25	0	19.38	19.53	19.69	19.64	19.57		
10	64QAM	25	12	19.47	19.6	19.74	19.66	19.51		
10	64QAM	25	25	19.47	19.53	19.61	19.55	19.46		
10	64QAM	50	0	19.54	19.61	19.68	19.69	19.59	Tune-up limit (dBm)	MPR (dB)
Channel				39675	40620	40148	40857	41565		
Frequency (MHz)				2498.5	2593	2545.8	2616.70	2687.5		
5	QPSK	1	0	22.14	22.12	22.56	22.36	22.44	24	0
5	QPSK	1	12	22.56	22.68	22.8	22.78	22.69		
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36		
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67		
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51		
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60		
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42		
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53		
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58		
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63		
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2
5	16QAM	25	0	20.6	20.56	20.86	20.66	20.63		
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35		
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66		
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	21	3
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6		
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5		
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5		
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	Tune-up limit (dBm)	MPR (dB)
Channel				39700	40620	40140	40590	41590		
Frequency (MHz)				2501	2593	2557	2616	2685		
5	QPSK	1	0	22.14	22.12	22.56	22.36	22.44	24	0
5	QPSK	1	12	22.56	22.68	22.8	22.78	22.69		
5	QPSK	1	24	22.43	22.43	22.56	22.42	22.36		
5	QPSK	12	0	21.46	21.31	21.6	21.55	21.67		
5	QPSK	12	7	21.5	21.49	21.69	21.67	21.5	23	1
5	QPSK	12	13	21.51	21.56	21.57	21.42	21.51		
5	QPSK	25	0	21.39	21.56	21.65	21.58	21.60		
5	16QAM	1	0	21.32	21.28	21.66	21.54	21.42		
5	16QAM	1	12	21.66	21.69	21.94	21.72	21.86	23	1
5	16QAM	1	24	21.52	21.65	21.65	21.55	21.53		
5	16QAM	12	0	20.42	20.41	20.76	20.66	20.58		
5	16QAM	12	7	20.49	20.53	20.73	20.49	20.63		
5	16QAM	12	13	20.54	20.53	20.63	20.54	20.5	22	2
5	16QAM	25	0	20.6	20.56	20.86	20.66	20.63		
5	64QAM	1	0	20.02	20.01	20.33	20.26	20.35		
5	64QAM	1	12	20.46	20.52	20.66	20.63	20.66		
5	64QAM	1	24	20.20	20.35	20.3	20.27	20.15	21	3
5	64QAM	12	0	19.45	19.54	19.68	19.59	19.6		
5	64QAM	12	7	19.48	19.53	19.63	19.52	19.5		
5	64QAM	12	13	19.53	19.59	19.66	19.53	19.5		
5	64QAM	25	0	19.46	19.49	19.68	19.66	19.61	Tune-up limit (dBm)	MPR (dB)
Channel				39700	40620	40140	40590	41590		
Frequency (MHz)				2501	2593	2557	2616	2685		

Downlink CA Power

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_2A-4A	Band 2	20M	1880	18900	QPSK	1	49	Band 4	20M	2132.5	2175	23.87	23.92
		CA_2A-5A	Band 2	20M	1880	18900	QPSK	1	49	Band 5	10M	881.5	2525	23.90	23.92
		CA_2A-13A	Band 2	20M	1880	18900	QPSK	1	49	Band 13	10M	751	5230	23.86	23.92
		CA_2A-66A	Band 2	20M	1880	18900	QPSK	1	49	Band 66	20M	2155	66886	23.88	23.92
		CA_4A-5A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 5	10M	881.5	2525	23.33	23.42
		CA_4A-13A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 13	10M	751	5230	23.37	23.42
		CA_5A-41A	Band 5	10M	836.5	20525	QPSK	1	25	Band 41	20M	2593	40620	23.79	23.84
		CA_5A-66A	Band 5	10M	836.5	20525	QPSK	1	25	Band 66	20M	2155	66886	23.77	23.84
		CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	25	Band 66	20M	2155	66886	24.06	24.12
Intra-Band		CA_13A-66A	Band 13	10M	782	23230	QPSK	1	25	Band 66	20M	2155	66886	24.14	24.24
		CA_2A-2A	Band 2	20M	1880	18900	QPSK	1	49	Band 2	5M	1987.5	1175	23.85	23.92
		CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 4	5M	2152.5	2375	23.36	23.42
		CA_5A-5A	Band 5	10M	836.5	20525	QPSK	1	25	Band 5	5M	891.5	2625	23.79	23.84
		CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	49	Band 66	5M	2197.5	67311	23.34	23.43
		CA_41A-41A	Band 41	20M	2593	40620	QPSK	1	49	Band 41	5M	2687.50	41565	22.84	22.91
		CA_5B	Band 5	10M	829	20450	QPSK	1	25	Band 5	10M	883.90	2549	23.74	23.84
		CA_66B	Band 66	15M	1745	132322	QPSK	1	37	Band 66	5M	2164.30	66979	23.40	23.43
		CA_66C	Band 66	20M	1745	132322	QPSK	1	49	Band 66	20M	2174.80	67084	23.36	23.43



Bluetooth/WLAN Power

<2.4GHz WLAN>

		• 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		
	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	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.07	21.00	13.61	15.50	10.53	12.50	19.07	21.00	14.55	16.50	14.55	16.50	14.55	16.50	99.11	
		6	2437	19.10	21.00	13.99	15.50	10.58	12.50	19.10	21.00	14.58	16.50	14.58	16.50	14.58	16.50		
		11	2462	19.49	21.00	14.15	15.50	11.01	12.50	19.49	21.00	15.31	16.50	15.31	16.50	15.31	16.50		
	802.11g 6Mbps	1	2412	18.51	20.00		15.50		12.50	18.51	20.00		16.50			16.50		96.77	
		6	2437	18.73	20.00		15.50		12.50	18.73	20.00		16.50			16.50			
		11	2462	18.18	20.00		15.50		12.50	18.18	20.00		16.50			16.50			
	802.11n-HT20 MCS0	1	2412	18.72	20.00	Not Required	15.50	Not Required	12.50	18.72	20.00	Not Required	16.50	Not Required		16.50	Not Required	96.77	
		6	2437	18.78	20.00		15.50		12.50	18.78	20.00		16.50			16.50			
		11	2462	19.26	20.00		15.50		12.50	19.26	20.00		16.50			16.50			
	802.11n-HT40 MCS0	3	2422	18.23	19.00	Not Required	15.50	Not Required	12.50	18.23	19.00	Not Required	16.50	Not Required		16.50	Not Required	93.73	
		6	2437	17.49	19.00		15.50		12.50	17.49	19.00		16.50			16.50			
		9	2452	17.76	19.00		15.50		12.50	17.76	19.00		16.50			16.50			

<5.2GHz WLAN>

		• 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					
	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	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.41	20.00	18.41	20.00	18.41	20.00	18.41	20.00		16.00		16.00		16.00	96.48
		40	5200	18.64	20.00	18.64	20.00	18.64	20.00	18.64	20.00		16.00		16.00		16.00	
		44	5220	18.38	20.00	18.38	20.00	18.38	20.00	18.38	20.00		16.00		16.00		16.00	
		48	5240	18.71	20.00	18.71	20.00	18.71	20.00	18.71	20.00		16.00		16.00		16.00	
		36	5180	18.02	19.50	18.02	19.50	18.02	19.50	18.02	19.50		16.00		16.00		16.00	
		40	5200	18.09	19.50	18.09	19.50	18.09	19.50	18.09	19.50		16.00		16.00		16.00	
	802.11n-HT20 MCS0	44	5220	17.87	19.50	17.87	19.50	17.87	19.50	17.87	19.50	Not Required	16.00	Not Required		16.00	Not Required	96.77
		48	5240	18.39	19.50	18.39	19.50	18.39	19.50	18.39	19.50		16.00			16.00		
		38	5190	16.60	18.00	16.60	18.00	16.60	18.00	16.60	18.00		16.00			16.00		
	802.11n-HT40 MCS0	46	5230	17.05	18.00	17.05	18.00	17.05	18.00	17.05	18.00	Not Required	16.00	Not Required		16.00	Not Required	93.73
		36	5180		19.50		19.50		19.50		19.50		16.00			16.00		
		40	5200		19.50		19.50		19.50		19.50		16.00			16.00		
	802.11ac-VHT20 MCS0	44	5220	Not Required	19.50	Not Required	19.50	Not Required	19.50	Not Required	19.50	Not Required	16.00	Not Required		16.00	Not Required	Not Required
		48	5240		19.50		19.50		19.50		19.50		16.00			16.00		
		38	5190		16.00		16.00		16.00		16.00		16.00			16.00		
	802.11ac-VHT40 MCS0	46	5230	Not Required	18.00	Not Required	18.00	Not Required	18.00	Not Required	18.00	Not Required	16.00	Not Required		16.00	Not Required	Not Required
		38	5190		16.00		16.00		16.00		16.00		16.00			16.00		
		46	5230		18.00		18.00		18.00		18.00		16.00			16.00		
	802.11ac-VHT80 MCS0	42	5210	16.03	18.00	16.03	18.00	16.03	18.00	16.03	18.00		14.05	16.00	14.05	16.00	16.00	87.55

<5.3GHz WLAN>

		• 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			
	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	Average power (dBm)	Tune-Up Limit	Duty Cycle %			
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.82	20.00	18.82	20.00	18.82	20.00	18.82	20.00	18.82	20.00	18.82	20.00	15.00			96.48		
		56	5280	18.49	20.00	18.49	20.00	18.49	20.00	18.49	20.00	18.49	20.00	18.49	20.00	15.00					
		60	5300	18.44	20.00	18.44	20.00	18.44	20.00	18.44	20.00	18.44	20.00	18.44	20.00	15.00					
		64	5320	18.84	20.00	18.84	20.00	18.84	20.00	18.84	20.00	18.84	20.00	18.84	20.00	15.00					
		52	5260	18.62	19.50	18.62	19.50	18.62	19.50	18.62	19.50	18.62	19.50	18.62	19.50	16.00					
		56	5280	17.97	19.50	17.97	19.50	17.97	19.50	17.97	19.50	17.97	19.50	17.97	19.50	16.00					
	802.11n-HT20 MCS0	60	5300	18.86	19.50	18.86	19.50	18.86	19.50	18.86	19.50	18.86	19.50	18.86	19.50	16.00			96.77		
		64	5320	18.80	19.50	18.80	19.50	18.80	19.50	18.80	19.50	18.80	19.50	18.80	19.50	16.00					
		54	5270	16.97	18.00	16.97	18.00	16.97	18.00	16.97	18.00	16.97	18.00	16.97	18.00	16.00					
	802.11n-HT40 MCS0	62	5310	17.84	18.00	17.84	18.00	17.84	18.00	17.84	18.00	17.84	18.00	17.84	18.00	16.00			93.73		
		52	5260		19.50		19.50		19.50		19.50		19.50		19.50	16.00					
		56	5280		19.50		19.50		19.50		19.50		19.50		19.50	16.00					
	802.11ac-VHT20 MCS0	60	5300	Not Required	19.50	Not Required	19.50	Not Required	19.50	Not Required	19.50	Not Required	19.50	Not Required	19.50	16.00			Not Required		
		64	5320		19.50		19.50		19.50		19.50		16.00								
		54	5270		18.00		18.00		18.00		18.00		16.00								
	802.11ac-VHT40 MCS0	62	5310	Not Required	18.00	Not Required	18.00	Not Required	18.00	Not Required	18.00	Not Required	18.00	Not Required	18.00	16.00			Not Required		
		58	5290		17.14		17.14		17.14		17.14		15.15		16.00	15.15	16.00				
		62	5310		18.00		18.00		18.00		18.00		16.00								

<5.5GHz WLAN>

		• 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				
	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	Average power (dBm)	Tune-Up Limit	Duty Cycle %				
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.62	20.00	18.62	20.00			17.50	18.62	20.00			15.50			96.48				
		116	5580	19.29	20.00	19.29	20.00			17.50	19.29	20.00			15.50							
		124	5620	18.91	20.00	18.91	20.00			17.50	18.91	20.00			15.50							
		132	5660	19.61	20.00	19.61	20.00			17.50	19.61	20.00			15.50							
		140	5700	19.57	20.00	19.57	20.00			17.50	19.57	20.00			15.50							
		144	5720	20.28	21.00	20.28	21.00			17.50	20.28	21.00			15.50							
	802.11n-HT20 MCS0	100	5500	18.79	19.50	18.79	19.50			17.50	18.79	19.50			15.50			96.77				
		116	5580	19.06	19.50	19.06	19.50			17.50	19.06	19.50			15.50							
		124	5620	18.46	19.50	18.46	19.50			17.50	18.46	19.50			15.50							
		132	5660	19.12	19.50	19.12	19.50			17.50	19.12	19.50			15.50							
		140	5700	18.53	19.50	18.53	19.50			17.50	18.53	19.50			15.50							
		144	5720	18.97	19.50	18.97	19.50			17.50	18.97	19.50			15.50							
	802.11n-HT40 MCS0	102	5510	17.88	18.00	17.88	18.00			17.50	17.88	18.00			15.50			93.73				
		110	5550	17.31	18.00	17.31	18.00			17.50	17.31	18.00			15.50							
		126	5630	17.50	18.00	17.50	18.00			17.50	17.50	18.00			15.50							
		134	5670	18.63	19.50	18.63	19.50			17.50	18.63	19.50			15.50							
		142	5710	18.46	19.50	18.46	19.50			17.50	18.46	19.50			15.50							
		100	5500		19.50		19.50			17.50		19.50			15.50							
	802.11ac-VHT20 MCS0	116	5580		19.50		19.50			17.50		19.50			15.50			Not Required				
		124	5620		19.50		19.50			17.50		19.50			15.50							
		132	5660		19.50		19.50			17.50		19.50			15.50							
		140	5700		19.50		19.50			17.50		19.50			15.50							
		144	5720		19.50		19.50			17.50		19.50			15.50							
		102	5510		18.00		18.00			17.50		18.00			15.50							
802.11ac-VHT40 MCS0	110	5550		18.00		18.00			17.50		18.00			15.50			Not Required					
	126	5630		18.00		18.00			17.50		18.00			15.50								
	134	5670		19.50		19.50			17.50		19.50			15.50								
	142	5710		19.50		19.50			17.50		19.50			15.50								
	106	5530	17.22	18.50	17.22	18.50	16.25		17.50	17.22	18.50	14.25		15.50								
	122	5610	17.37	18.50	17.37	18.50	16.75		17.50	17.37	18.50	14.44		15.50								
802.11ac-VHT80 MCS0	138	5690	17.81	18.50	17.81	18.50	16.75		17.50	17.81	18.50	14.71		15.50		87.55						

<Bluetooth>						
Bluetooth	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	BR / EDR 1Mbps	0	2402	6.92	8.50	76.33
		39	2441	7.53	8.50	
		78	2480	7.70	8.50	
	BR / EDR 2Mbps	0	2402	4.06	6.00	76.75
		39	2441	4.48	6.00	
		78	2480	4.57	6.00	
	BR / EDR 3Mbps	0	2402	4.18	6.00	76.94
		39	2441	4.55	6.00	
		78	2480	4.52	6.00	
	LE 1Mbps	0	2402	-0.91	0.00	61.11
		19	2440	0.65	1.50	
		39	2480	-0.43	0.50	
	LE 2Mbps	0	2402	-1.00	0.00	31.48
		19	2440	0.59	1.50	
		39	2480	-0.57	0.50	