



Default Power for WWAN

GSM850_Ant13	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	128	189	251	Limit (dBm)		128	189	251	Limit (dBm)	
Frequency (MHz)	824.2	836.4	848.8	861.0		824.2	836.4	848.8	861.0	
GSM 1 Tx slot	32.41	32.43	32.40	33.50	23.41	23.43	23.40	24.50		
GPRS 1 Tx slot	32.40	32.42	32.36	33.50	23.40	23.42	23.36	24.50		
GPRS 2 Tx slots	30.55	30.58	30.57	31.80	24.55	24.58	24.57	25.80		
GPRS 3 Tx slots	28.46	28.27	28.37	29.50	24.20	24.01	24.11	25.24		
GPRS 4 Tx slots	26.74	26.78	26.64	28.00	23.74	23.78	23.64	25.00		
EDGE 1 Tx slot	26.51	26.31	26.28	27.50	17.51	17.31	17.28	18.50		
EDGE 2 Tx slots	24.74	24.76	24.76	26.00	18.74	18.76	18.76	20.00		
EDGE 3 Tx slots	22.74	22.75	22.61	23.90	18.48	18.49	18.35	19.64		
EDGE 4 Tx slots	21.13	21.06	21.08	22.30	18.13	18.06	18.08	19.30		

GSM1900_Ant13	Burst Average Power (dbm)				Tune-up Limit (dbm)	Frame-Average Power (dbm)				Tune-up Limit (dbm)
	512	661	810			512	661	810		
	Frequency (MHz)	1850.2	1880	1909.8	(dbm)	1850.2	1880	1909.8	(dbm)	
GSM 1 Tx slot	29.36	29.36	29.39	30.50	20.40	20.36	20.39	21.50		
GPRS 1 Tx slot	29.35	29.34	29.35	30.50	20.35	20.34	20.35	21.50		
GPRS 2 Tx slots	27.83	27.85	27.80	29.00	21.83	21.85	21.80	23.00		
GPRS 3 Tx slots	25.95	26.04	26.00	27.00	21.69	21.78	21.74	22.74		
GPRS 4 Tx slots	24.20	24.31	24.57	25.00	21.20	21.31	21.57	22.00		
EDGE 1 Tx slot	25.46	25.52	25.62	26.80	16.46	16.52	16.62	17.80		
EDGE 2 Tx slots	23.81	23.88	23.98	24.70	17.81	17.88	17.98	18.70		
EDGE 3 Tx slots	21.63	21.72	21.80	22.50	17.37	17.46	17.54	18.24		
EDGE 4 Tx slots	20.85	20.92	21.06	21.50	17.85	17.92	18.06	18.50		

Band	WCDMA II_Ant13				WCDMA IV_Ant13				WCDMA V_Ant13				
	TX Channel	9262	9400	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)	4132	4182	4233	Tune-up Limit (dBm)
	Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
	Frequency (MHz)	1852.4	1880	1907.6		1742.4	1770	1797.6		2154.4	2182	2210	
3GPP Rel 99	AMR 12.2Kbps	22.82	22.88	22.96	24.30	22.95	22.98	22.99	24.30	23.07	22.97	23.03	24.30
3GPP Rel 99	RMC 12.2Kbps	23.00	23.05	22.96	24.30	22.98	23.06	22.94	24.30	23.09	23.10	23.05	24.30
3GPP Rel 6	HSDPA Subtest-1	21.81	21.85	21.93	23.10	22.06	21.91	22.08	23.10	21.99	22.05	22.07	23.10
3GPP Rel 6	HSDPA Subtest-2	21.95	21.89	22.07	23.10	22.03	22.11	22.04	23.10	21.88	21.97	21.92	23.10
3GPP Rel 6	HSDPA Subtest-3	21.43	21.40	21.60	22.60	21.52	21.62	21.55	22.60	21.39	21.50	21.45	22.60
3GPP Rel 6	HSDPA Subtest-4	21.43	21.39	21.59	22.60	21.50	21.62	21.54	22.60	21.37	21.48	21.44	22.60
3GPP Rel 6	DC-HSDPA Subtest-1	21.78	21.73	21.83	23.10	22.03	21.90	22.02	23.10	21.97	21.83	21.94	23.10
3GPP Rel 6	DC-HSDPA Subtest-2	21.89	21.84	22.01	23.10	21.99	21.96	21.92	23.10	21.83	21.94	21.85	23.10
3GPP Rel 6	DC-HSDPA Subtest-3	21.36	21.34	21.55	22.60	21.46	21.58	21.53	22.60	21.25	21.35	21.37	22.60
3GPP Rel 6	DC-HSDPA Subtest-4	21.38	21.27	21.44	22.60	21.45	21.50	21.46	22.60	21.36	21.38	21.32	22.60
3GPP Rel 6	HSUPA Subtest-1	21.91	21.88	21.94	23.10	21.91	22.01	21.93	23.10	21.80	21.92	21.91	23.30
3GPP Rel 6	HSUPA Subtest-2	19.90	19.91	20.03	21.10	19.95	20.12	20.00	21.10	19.97	20.04	19.91	21.30
3GPP Rel 6	HSUPA Subtest-3	20.89	20.85	20.97	22.10	20.97	21.11	20.94	22.10	20.90	20.94	20.94	22.30
3GPP Rel 6	HSUPA Subtest-4	19.93	19.87	19.98	21.10	19.96	20.11	19.90	21.10	19.98	19.96	20.09	21.30
3GPP Rel 6	HSUPA Subtest-5	21.90	21.90	22.00	23.10	22.00	22.10	21.90	23.10	21.80	21.90	22.00	23.00

TX Channel	Band	WCDMA II_Ant13			Tune-up Limit (dBm)	WCDMA IV_Ant13			Tune-up Limit (dBm)	WCDMA V_Ant13			Tune-up Limit (dBm)
		9262	9400	9538		1312	1413	1513		4132	4182	4233	
		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1890	1907.8		1712.4	1732.6	1752.8		826.4	835.4	846.8	
3GPP Rel 99	AMR 12.2Kbps	23.04	22.96	23.03	24.50	23.01	23.07	23.02	24.50	22.93	22.88	22.89	24.50
3GPP Rel 99	RMC 12.2Kbps	22.97	23.05	22.99	24.50	22.98	23.10	22.98	24.50	22.87	22.95	22.90	24.50
3GPP Rel 6	HSDSA Subtest-1	21.87	21.87	21.96	23.30	21.87	21.81	21.90	23.30	21.83	22.01	21.86	23.30
3GPP Rel 6	HSDSA Subtest-2	22.02	21.96	22.01	23.30	21.90	21.96	21.90	23.30	21.88	21.82	21.84	23.30
3GPP Rel 6	HSDSA Subtest-3	21.50	21.47	21.61	22.80	21.38	21.46	21.40	22.80	21.40	21.41	21.37	22.80
3GPP Rel 6	HSDSA Subtest-4	21.49	21.47	21.61	22.80	21.37	21.46	21.39	22.80	21.37	21.40	21.36	22.80
3GPP Rel 6	DC-HSDPA Subtest-1	21.85	21.72	21.81	23.30	21.85	21.77	21.77	23.30	21.86	22.00	21.93	23.30
3GPP Rel 6	DC-HSDPA Subtest-2	21.98	21.91	21.91	23.30	21.88	21.87	21.81	23.30	21.77	21.77	21.74	23.30
3GPP Rel 6	DC-HSDPA Subtest-3	21.48	21.42	21.57	22.80	21.23	21.38	21.35	22.80	21.32	21.27	21.36	22.80
3GPP Rel 6	DC-HSDPA Subtest-4	21.45	21.43	21.46	22.80	21.25	21.40	21.29	22.80	21.27	21.37	21.32	22.80
3GPP Rel 6	HSUPA Subtest-1	21.99	21.94	22.04	23.30	21.88	21.98	21.85	23.30	21.91	21.95	21.93	23.50
3GPP Rel 6	HSUPA Subtest-2	19.98	19.91	20.02	21.30	20.01	20.00	19.89	21.30	19.85	19.91	19.88	21.50
3GPP Rel 6	HSUPA Subtest-3	20.97	20.96	21.01	22.30	21.03	21.00	20.95	22.30	20.79	20.87	20.85	22.50
3GPP Rel 6	HSUPA Subtest-4	20.02	19.97	20.07	21.30	20.05	20.04	19.87	21.30	20.01	20.05	19.88	21.50
3GPP Rel 6	HSUPA Subtest-5	22.00	22.00	22.00	23.30	22.00	22.00	21.90	23.30	21.90	21.80	21.90	23.20

0.00

GSM850_Ant13	Burst Average Power (dbm)			Tune-up Limit	Frame-Average Power (dbm)			Tune-up Limit
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8		
GSM 1 Tx slot	32.20	32.13	32.21	33.20	23.20	23.20	23.13	
GPRS 1 Tx slot	32.19	32.08	32.11	33.20	23.19	23.08	23.11	
GPRS 2 Tx slots	30.15	30.20	30.19	31.00	24.15	24.20	24.19	
GPRS 3 Tx slots	27.88	27.92	27.91	29.00	23.62	23.66	23.65	
GPRS 4 Tx slots	26.12	26.03	26.16	27.00	23.12	23.03	23.16	
EDGE 1 Tx slot	25.97	25.84	25.85	27.00	16.97	16.84	16.85	
EDGE 2 Tx slots	24.33	24.27	24.34	25.50	18.33	18.27	18.34	
EDGE 3 Tx slots	22.27	22.12	22.18	23.50	18.01	17.86	17.92	
EDGE 4 Tx slots	20.53	20.56	20.55	21.80	17.53	17.56	17.55	

GSM1900_Ant13	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	512	661	810	1000		512	661	810	1000	
Frequency (MHz)	1850.2	1880	1909.8	1930	1850.2	1880	1909.8	1930		
GSM 1 Tx slot	29.35	29.40	29.45	30.50	20.35	20.40	20.45	21.50		
GPRS 1 Tx slot	29.32	29.30	29.35	30.50	20.32	20.30	20.35	21.50		
GPRS 2 Tx slots	27.87	27.74	27.70	29.00	21.87	21.74	21.70	23.00		
GPRS 3 Tx slots	25.45	25.60	25.83	26.00	21.19	21.34	21.57	22.34		
GPRS 4 Tx slots	23.78	23.82	23.96	24.80	20.78	20.82	20.95	21.80		
EDGE 1 Tx slot	25.01	25.15	25.31	26.50	16.01	16.15	16.31	17.50		
EDGE 2 Tx slots	23.34	23.42	23.73	24.20	17.34	17.42	17.73	18.20		
EDGE 3 Tx slots	21.18	21.24	21.60	22.30	16.92	16.98	17.34	18.04		
EDGE 4 Tx slots	20.25	20.51	20.71	21.50	17.25	17.51	17.71	18.50		

Band 2_Ant13

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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.70	22.65	22.66	24	0
20	QPSK	1	49	23.02	23.15	23.12		
20	QPSK	1	99	22.66	22.69	22.83	23	1
20	QPSK	50	0	21.83	21.95	21.91		
20	QPSK	50	24	21.78	21.90	21.75	23	1
20	QPSK	50	50	21.72	21.77	21.80		
20	QPSK	100	0	21.80	21.90	21.88	23	1
20	16QAM	1	0	21.77	21.62	21.77		
20	16QAM	1	49	21.58	21.81	21.80	22	2
20	16QAM	1	99	21.68	21.69	21.65		
20	16QAM	50	0	20.81	20.91	20.98	22	2
20	16QAM	50	24	20.78	20.82	21.09		
20	16QAM	50	50	20.71	20.80	21.01	22	2
20	16QAM	100	0	20.80	20.80	20.99		
20	64QAM	1	0	20.92	20.85	20.85	22	2
20	64QAM	1	49	21.10	21.20	21.06		
20	64QAM	1	99	20.76	20.85	20.81	21	3
20	64QAM	50	0	20.01	20.04	19.96		
20	64QAM	50	24	19.87	19.88	20.11	21	3
20	64QAM	50	50	19.83	19.83	20.12		
20	64QAM	100	0	19.87	19.90	19.99		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.53	22.55	22.49	24	0
15	QPSK	1	37	22.92	23.03	23.02		
15	QPSK	1	74	22.51	22.64	22.68	23	1
15	QPSK	36	0	21.83	21.93	21.91		
15	QPSK	36	20	21.78	21.77	21.75	23	1
15	QPSK	36	39	21.61	21.73	21.69		
15	QPSK	75	0	21.77	21.85	21.85	23	1
15	16QAM	1	0	21.62	21.43	21.62		
15	16QAM	1	37	21.46	21.66	21.67	22	2
15	16QAM	1	74	21.60	21.65	21.57		
15	16QAM	36	0	20.79	20.91	20.96	22	2
15	16QAM	36	20	20.76	20.77	21.07		
15	16QAM	36	39	20.66	20.76	20.96	21	3
15	16QAM	75	0	20.63	20.79	20.82		
15	64QAM	1	0	20.74	20.81	20.87	22	2
15	64QAM	1	37	20.98	21.03	20.94		
15	64QAM	1	74	20.75	20.79	20.80	21	3
15	64QAM	36	0	19.87	19.87	19.82		
15	64QAM	36	20	19.76	19.81	20.00	21	3
15	64QAM	36	39	19.71	19.80	20.00		
15	64QAM	75	0	19.75	19.88	19.87		
Channel				18650	18900	19150		
Frequency (MHz)				1855	1880	1905	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.51	22.53	22.47	24	0
10	QPSK	1	25	22.87	23.13	22.97		
10	QPSK	1	49	22.68	22.61	22.63	23	1
10	QPSK	25	0	21.81	21.81	21.89		
10	QPSK	25	12	21.59	21.80	21.56	23	1
10	QPSK	25	25	21.58	21.70	21.66		
10	QPSK	50	0	21.80	21.82	21.88	23	1
10	16QAM	1	0	21.70	21.51	21.70		
10	16QAM	1	25	21.47	21.75	21.68	23	1
10	16QAM	1	49	21.66	21.69	21.63		
10	16QAM	25	0	20.67	20.78	20.84	22	2
10	16QAM	25	12	20.72	20.69	21.03		
10	16QAM	25	25	20.70	20.62	21.00	22	2
10	16QAM	50	0	20.78	20.74	20.97		
10	64QAM	1	0	20.86	20.82	20.98	22	2
10	64QAM	1	25	21.02	21.03	20.98		
10	64QAM	1	49	20.57	20.83	20.62	21	3
10	64QAM	25	0	19.90	20.03	19.85		
10	64QAM	25	12	19.75	19.81	19.99	21	3
10	64QAM	25	25	19.71	19.68	20.00		
10	64QAM	50	0	19.81	19.88	19.83		
Channel				18625	18800	19075	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.63	22.58	22.59	24	0
5	QPSK	1	12	22.93	23.07	23.03		
5	QPSK	1	24	22.53	22.58	22.70	23	1
5	QPSK	12	0	21.71	21.95	21.79		
5	QPSK	12	7	21.62	21.88	21.59	23	1
5	QPSK	12	13	21.69	21.83	21.77		
5	QPSK	25	0	21.74	21.78	21.82	23	1
5	16QAM	1	0	21.66	21.58	21.66		
5	16QAM	1	12	21.50	21.77	21.71	23	1
5	16QAM	1	24	21.56	21.57	21.53		
5	16QAM	12	0	20.77	20.75	20.94	22	2
5	16QAM	12	7	20.70	20.75	21.01		
5	16QAM	12	13	20.55	20.77	20.85	22	2
5	16QAM	25	0	20.78	20.81	20.97		
5	64QAM	1	0	20.74	20.88	20.67	22	2
5	64QAM	1	12	20.91	21.13	20.87		
5	64QAM	1	24	20.60	20.68	20.65	22	2
5	64QAM	12	0	19.92	19.84	19.87		
5	64QAM	12	7	19.75	19.70	19.99	21	3
5	64QAM	12	13	19.75	19.68	20.04		
5	64QAM	25	0	19.72	19.78	19.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.58	22.47	22.54	24	0
3	QPSK	1	6	22.99	23.03	22.99		
3	QPSK	1	14	22.47	22.61	22.64	23	1
3	QPSK	8	0	21.83	21.79	21.91		
3	QPSK	8	4	21.75	21.72	21.72	23	1
3	QPSK	8	7	21.71	21.76	21.79		
3	QPSK	15	0	21.69	21.89	21.77	23	1
3	16QAM	1	0	21.67	21.61	21.67		
3	16QAM	1	6	21.41	21.71	21.62	23	1
3	16QAM	1	14	21.51	21.65	21.48		
3	16QAM	8	0	20.81	20.83	20.98	22	2
3	16QAM	8	4	20.78	20.76	21.09		
3	16QAM	8	7	20.65	20.80	20.95	22	2
3	16QAM	15	0	20.77	20.77	20.96		
3	64QAM	1	0	20.82	20.74	20.75	22	2
3	64QAM	1	8	21.03	21.01	20.99		
3	64QAM	1	14	20.65	20.72	20.70	21	3
3	64QAM	8	0	19.96	19.85	19.91		
3	64QAM	8	4	19.81	19.87	20.05	21	3
3	64QAM	8	7	19.79	19.66	20.08		
3	64QAM	15	0	19.94	19.77	19.96		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.64	22.54	22.60	24	0
1.4	QPSK	1	3	22.98	22.97	23.08		
1.4	QPSK	1	5	22.64	22.69	22.81	23	1
1.4	QPSK	3	0	22.75	22.89	22.83		
1.4	QPSK	3	1	22.97	22.94	23.05	23	1
1.4	QPSK	3	3	22.69	22.74	22.77		
1.4	QPSK	6	0	21.68	21.75	21.76	23	1
1.4	16QAM	1	0	21.77	21.47	21.77		
1.4	16QAM	1	3	21.56	21.74	21.77	23	1
1.4	16QAM	1	5	21.57	21.57	21.54		
1.4	16QAM	3	0	21.76	21.88	21.93	23	1
1.4	16QAM	3	1	21.59	21.69	21.90		
1.4	16QAM	3	3	21.64	21.64	21.94	22	2
1.4	16QAM	6	0	20.73	20.66	20.92		
1.4	64QAM	1	0	20.88	20.71	20.81	22	2
1.4	64QAM	1	3	20.94	21.18	20.90		
1.4	64QAM	1	5	20.64	20.84	20.89	22	2
1.4	64QAM	3	0	20.86	20.92	20.81		
1.4	64QAM	3	1	20.81	20.77	21.05	22	2
1.4	64QAM	3	3	20.78	20.69	21.07		
1.4	64QAM	6	0	19.72	19.88	19.84	21	3

Band 2_Ant31

Band 4_Ant31

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)				20050	20175	20300		
				1720	1732.5	1745		
20	QPSK	1	0	22.10	22.30	22.33	23.4	0
20	QPSK	1	49	22.61	22.65	22.60		
20	QPSK	1	99	22.00	22.05	22.15		
20	QPSK	50	0	21.52	21.60	21.55	22.4	1
20	QPSK	50	24	21.25	21.44	21.45		
20	QPSK	50	50	21.42	21.37	21.31		
20	QPSK	100	0	21.42	21.45	21.40	22.4	1
20	16QAM	1	0	21.14	21.42	21.49		
20	16QAM	1	49	21.76	21.24	21.07		
20	16QAM	1	99	21.13	21.08	21.09	21.4	2
20	16QAM	50	0	20.41	20.55	20.67		
20	16QAM	50	24	20.43	20.46	20.49		
20	16QAM	50	50	20.44	20.40	20.35	21.4	2
20	16QAM	100	0	20.35	20.46	20.44		
20	64QAM	1	0	20.49	20.51	20.68		
20	64QAM	1	49	20.99	20.69	20.80	21.4	2
20	64QAM	1	99	20.60	20.55	20.61		
20	64QAM	50	0	19.18	19.40	19.51		
20	64QAM	50	24	19.37	19.35	19.40	20.4	3
20	64QAM	50	50	19.31	19.49	19.18		
20	64QAM	100	0	19.19	19.47	19.54		
Channel								
Frequency (MHz)				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.04	22.27	22.27	23.4	0
15	QPSK	1	37	22.49	22.47	22.48		
15	QPSK	1	74	21.99	21.95	22.14		
15	QPSK	36	0	21.22	21.38	21.51	22.4	1
15	QPSK	36	20	21.19	21.43	21.39		
15	QPSK	36	39	21.48	21.32	21.27		
15	QPSK	75	0	21.45	21.39	21.40	22.4	1
15	16QAM	1	0	21.14	21.39	21.49		
15	16QAM	1	37	21.70	21.11	21.01		
15	16QAM	1	74	20.97	21.04	20.93	21.4	2
15	16QAM	36	0	20.30	20.39	20.56		
15	16QAM	36	20	20.35	20.36	20.40		
15	16QAM	36	39	20.35	20.40	20.26	21.4	2
15	16QAM	75	0	20.25	20.42	20.34		
15	64QAM	1	0	20.39	20.43	20.58		
15	64QAM	1	37	20.83	20.69	20.64	21.4	2
15	64QAM	1	74	20.44	20.53	20.45		
15	64QAM	36	0	19.07	19.26	19.42		
15	64QAM	36	20	19.30	19.20	19.33	20.4	3
15	64QAM	36	39	19.25	19.41	19.12		
15	64QAM	75	0	19.12	19.29	19.47		
Channel								
Frequency (MHz)				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
				1715	1732.5	1750		
10	QPSK	1	0	22.10	22.27	22.33	23.4	0
10	QPSK	1	25	22.49	22.48	22.48		
10	QPSK	1	49	21.99	21.90	22.04		
10	QPSK	25	0	21.19	21.34	21.48	22.4	1
10	QPSK	25	12	21.11	21.44	21.31		
10	QPSK	25	25	21.51	21.25	21.30		
10	QPSK	50	0	21.37	21.36	21.32	22.4	1
10	16QAM	1	0	21.02	21.24	21.57		
10	16QAM	1	25	21.74	21.21	21.05		
10	16QAM	1	49	21.07	20.96	21.03	21.4	2
10	16QAM	25	0	20.40	20.36	20.66		
10	16QAM	25	12	20.34	20.28	20.40		
10	16QAM	25	25	20.34	20.28	20.25	21.4	2
10	16QAM	50	0	20.20	20.45	20.29		
10	64QAM	1	0	20.31	20.48	20.60		
10	64QAM	1	25	20.84	20.66	20.65	21.4	2
10	64QAM	1	49	20.42	20.55	20.43		
10	64QAM	25	0	19.04	19.38	19.37		
10	64QAM	25	12	19.36	19.17	19.39	20.4	3
10	64QAM	25	25	19.18	19.44	19.05		
10	64QAM	50	0	19.16	19.47	19.51		
Channel								
Frequency (MHz)				1997.5	20175	20375	Tune-up limit (dBm)	MPR (dB)
				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.07	22.16	22.30	23.4	0
5	QPSK	1	12	22.54	22.50	22.53		
5	QPSK	1	24	21.94	21.97	22.09		
5	QPSK	12	0	21.17	21.35	21.46	22.4	1
5	QPSK	12	7	21.07	21.26	21.27		
5	QPSK	12	13	21.41	21.23	21.20		
5	QPSK	25	0	21.41	21.42	21.36	22.4	1
5	16QAM	1	0	21.05	21.34	21.40		
5	16QAM	1	12	21.74	21.10	21.05		
5	16QAM	1	24	21.07	20.99	21.03	21.4	2
5	16QAM	12	0	20.26	20.46	20.52		
5	16QAM	12	7	20.41	20.29	20.47		
5	16QAM	12	13	20.42	20.24	20.33	21.4	2
5	16QAM	25	0	20.21	20.29	20.30		
5	64QAM	1	0	20.33	20.36	20.52		
5	64QAM	1	12	20.67	20.65	20.68	21.4	2
5	64QAM	1	24	20.44	20.45	20.45		
5	64QAM	12	0	19.12	19.27	19.45		
5	64QAM	12	7	19.22	19.25	19.25	20.4	3
5	64QAM	12	13	19.15	19.41	19.02		
5	64QAM	25	0	19.15	19.41	19.50		
Channel								
Frequency (MHz)				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.97	22.21	22.20	23.4	0
3	QPSK	1	5	22.57	22.59	22.56		
3	QPSK	1	14	21.97	21.97	22.12		
3	QPSK	8	0	21.25	21.25	21.54	22.4	1
3	QPSK	8	4	21.16	21.44	21.36		
3	QPSK	8	7	21.34	21.20	21.13		
3	QPSK	15	0	21.43	21.26	21.38	22.4	1
3	16QAM	1	0	21.07	21.26	21.42		
3	16QAM	1	8	21.61	21.23	20.92		
3	16QAM	1	14	21.07	21.06	21.03	21.4	2
3	16QAM	8	0	20.32	20.54	20.58		
3	16QAM	8	4	20.38	20.39	20.44		
3	16QAM	8	7	20.27	20.21	20.18	21.4	2
3	16QAM	15	0	20.32	20.33	20.41		
3	64QAM	1	0	20.45	20.40	20.64		
3	64QAM	1	8	20.81	20.66	20.62	21.4	2
3	64QAM	1	14	20.51	20.47	20.52		
3	64QAM	8	0	19.05	19.33	19.38		
3	64QAM	8	4	19.21	19.16	19.24	20.4	3
3	64QAM	8	7	19.23	19.34	19.10		
3	64QAM	15	0	19.13	19.45	19.48		
Channel								
Frequency (MHz)				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.05	22.24	22.28	23.4	0
1.4	QPSK	1	3	22.50	22.55	22.49		
1.4	QPSK	1	5	21.87	21.99	22.02		
1.4	QPSK	3	0	22.33	22.34	22.62	22.4	1
1.4	QPSK	3	1	22.19	22.25	22.38		
1.4	QPSK	3	3	22.49	22.19	22.28		
1.4	QPSK	6	0	21.43	21.42	21.38	22.4	1
1.4	16QAM	1	0	21.11	21.36	21.46		
1.4	16QAM	1	3	21.73	21.13	21.04		
1.4	16QAM	1	5	20.98	21.00	20.94	22.4	1
1.4	16QAM	3	0	21.27	21.47	21.53		
1.4	16QAM	3	1	21.43	21.35	21.49		
1.4	16QAM	3	3	21.41	21.26	21.32	21.4	2
1.4	16QAM	6	0	20.20	20.39	20.29		
1.4	64QAM	1	0	20.40	20.51	20.59		
1.4	64QAM	1	3	20.99	20.54	20.80	21.4	2
1.4	64QAM	1	5	20.48	20.42	20.49		
1.4	64QAM	3	0	20.14	20.21	20.47		
1.4	64QAM	3	1	20.18	20.29	20.21	20.4	3
1.4	64QAM	3	3	20.19	20.32	20.06		
1.4	64QAM	6	0	19.07	19.36	19.42		

Band 5_Ant13

Band 7_Ant13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	24	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.77	22.80	22.78		
20	QPSK	1	49	23.08	23.12	22.70		
20	QPSK	1	99	22.88	22.77	22.64	23	1
20	QPSK	50	0	22.00	22.10	21.97		
20	QPSK	50	24	21.88	21.96	22.04		
20	QPSK	50	50	21.71	21.95	22.06		
20	QPSK	100	0	22.00	22.05	22.02	23	1
20	16QAM	1	0	21.43	21.55	21.56		
20	16QAM	1	49	21.45	21.69	21.61		
20	16QAM	1	99	21.53	21.50	21.78		
20	16QAM	50	0	20.73	20.99	21.08	22	2
20	16QAM	50	24	20.41	21.05	21.00		
20	16QAM	50	50	20.66	21.06	21.00		
20	16QAM	100	0	20.54	20.89	20.93		
20	64QAM	1	0	20.84	20.88	20.90	22	2
20	64QAM	1	49	21.34	21.34	21.40		
20	64QAM	1	99	20.90	20.86	21.04		
20	64QAM	50	0	19.84	20.04	20.05		
20	64QAM	50	24	19.62	20.02	19.99	21	3
20	64QAM	50	50	19.79	19.89	19.99		
20	64QAM	100	0	19.70	19.97	19.94		
Channel				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2527.5	2535	2562.5	24	0
15	QPSK	1	0	22.76	22.71	22.77		
15	QPSK	1	37	23.05	23.10	22.76		
15	QPSK	1	74	22.64	22.84	22.60		
15	QPSK	36	0	22.06	22.03	22.03	23	1
15	QPSK	36	20	21.85	21.94	22.01		
15	QPSK	36	39	21.73	21.97	22.08		
15	QPSK	75	0	21.95	21.96	21.97		
15	16QAM	1	0	21.48	21.57	21.61	23	1
15	16QAM	1	37	21.44	21.65	21.60		
15	16QAM	1	74	21.67	21.55	21.82		
15	16QAM	36	0	20.81	21.08	21.16		
15	16QAM	36	20	20.51	20.96	21.10	22	2
15	16QAM	36	39	20.59	21.08	20.93		
15	16QAM	75	0	20.55	20.88	20.94		
15	64QAM	1	0	20.85	20.96	20.91		
15	64QAM	1	37	21.44	21.34	21.50	22	2
15	64QAM	1	74	20.92	20.91	21.06		
15	64QAM	36	0	19.83	20.13	20.04		
15	64QAM	36	20	19.67	20.05	20.04		
15	64QAM	36	39	19.79	19.89	19.99	21	3
15	64QAM	75	0	19.85	19.94	19.79		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	24	0
10	QPSK	1	0	22.73	22.76	22.74		
10	QPSK	1	25	23.11	23.10	22.73		
10	QPSK	1	49	22.88	22.71	22.62		
10	QPSK	25	0	22.06	22.10	22.03	23	1
10	QPSK	25	12	21.84	21.97	22.00		
10	QPSK	25	25	21.66	21.94	22.01		
10	QPSK	50	0	21.92	21.97	21.94		
10	16QAM	1	0	21.45	21.58	21.58	23	1
10	16QAM	1	25	21.52	21.62	21.68		
10	16QAM	1	49	21.71	21.41	21.86		
10	16QAM	25	0	20.66	20.94	21.01		
10	16QAM	25	12	20.40	21.14	20.99	22	2
10	16QAM	25	25	20.60	21.02	20.94		
10	16QAM	50	0	20.57	20.99	20.96		
10	64QAM	1	0	20.91	20.80	20.97		
10	64QAM	1	25	21.34	21.31	21.40	22	2
10	64QAM	1	49	20.99	20.88	21.13		
10	64QAM	25	0	19.55	19.95	19.96		
10	64QAM	25	12	19.56	20.12	19.93		
10	64QAM	25	25	19.84	19.90	20.04	21	3
10	64QAM	50	0	19.63	20.05	19.77		
Channel				2377.5	24100	24425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	24	0
5	QPSK	1	0	22.75	22.82	22.78		
5	QPSK	1	12	23.01	23.05	22.63		
5	QPSK	1	24	22.66	22.81	22.62		
5	QPSK	12	0	21.97	22.14	21.94	23	1
5	QPSK	12	7	21.86	21.91	22.02		
5	QPSK	12	13	21.64	22.03	21.99		
5	QPSK	25	0	21.96	22.04	21.98		
5	16QAM	1	0	21.50	21.47	21.63	23	1
5	16QAM	1	12	21.50	21.60	21.66		
5	16QAM	1	24	21.70	21.50	21.85		
5	16QAM	12	0	20.74	20.91	21.09		
5	16QAM	12	7	20.39	20.96	20.98	22	2
5	16QAM	12	13	20.62	21.11	20.96		
5	16QAM	25	0	20.62	20.94	21.01		
5	64QAM	1	0	20.82	20.86	20.88		
5	64QAM	1	12	21.41	21.32	21.47	22	2
5	64QAM	1	24	20.87	20.93	21.01		
5	64QAM	12	0	19.80	20.00	20.01		
5	64QAM	12	7	19.99	20.00	19.96		
5	64QAM	12	13	19.80	19.80	20.00	21	3
5	64QAM	25	0	19.65	19.98	19.79		

Band 7_Ant31

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	23.7	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.67	22.59	22.69		
20	QPSK	1	49	22.83	22.85	22.77		
20	QPSK	1	99	22.45	22.56	22.40	22.7	1
20	QPSK	50	0	21.79	21.88	21.83		
20	QPSK	50	24	21.65	21.70	21.85		
20	QPSK	50	50	21.60	21.77	21.85		
20	QPSK	100	0	21.79	21.85	21.80	22.7	1
20	16QAM	1	0	21.47	21.39	21.29		
20	16QAM	1	49	21.17	21.71	21.23		
20	16QAM	1	99	21.30	21.40	21.54		
20	16QAM	50	0	20.45	20.75	20.87	21.7	2
20	16QAM	50	24	20.52	20.79	20.89		
20	16QAM	50	50	20.48	20.82	20.91		
20	16QAM	100	0	20.53	20.82	20.81		
20	64QAM	1	0	20.79	20.85	20.89	21.7	2
20	64QAM	1	49	21.24	21.15	21.22		
20	64QAM	1	99	20.84	20.90	20.81		
20	64QAM	50	0	19.50	19.68	19.83		
20	64QAM	50	24	19.61	19.94	19.98	20.7	3
20	64QAM	50	50	19.63	19.75	19.87		
20	64QAM	100	0	19.51	19.86	19.91		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	23.7	0
15	QPSK	1	0	22.69	22.61	22.71		
15	QPSK	1	37	22.70	22.76	22.74		
15	QPSK	1	74	22.42	22.54	22.37		
15	QPSK	36	0	21.34	21.63	21.78	22.7	1
15	QPSK	36	20	21.43	21.78	21.81		
15	QPSK	36	39	21.52	21.83	21.88		
15	QPSK	75	0	21.43	21.84	21.83		
15	16QAM	1	0	21.46	21.41	21.28	22.7	1
15	16QAM	1	37	21.21	21.69	21.27		
15	16QAM	1	74	21.31	21.36	21.55		
15	16QAM	36	0	20.52	20.81	20.94		
15	16QAM	36	20	20.43	20.83	20.80	21.7	2
15	16QAM	36	39	20.56	20.90	20.99		
15	16QAM	75	0	20.47	20.73	20.75		
15	64QAM	1	0	20.81	20.81	20.91		
15	64QAM	1	37	21.15	21.23	21.13	21.7	2
15	64QAM	1	74	20.78	20.90	20.75		
15	64QAM	36	0	19.45	19.75	19.78		
15	64QAM	36	20	19.57	19.97	19.94		
15	64QAM	36	39	19.54	19.74	19.78	20.7	3
15	64QAM	75	0	19.57	19.94	19.97		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	23.7	0
10	QPSK	1	0	22.68	22.66	22.70		
10	QPSK	1	25	22.75	22.79	22.69	22.7	1
10	QPSK	1	49	22.53	22.60	22.48		
10	QPSK	25	0	21.42	21.64	21.86		
10	QPSK	25	13	21.47	21.81	21.85		
10	QPSK	25	25	21.59	21.79	21.95	22.7	1
10	QPSK	50	0	21.41	21.71	21.81		
10	16QAM	1	0	21.53	21.32	21.35		
10	16QAM	1	25	21.20	21.64	21.26		
10	16QAM	1	49	21.29	21.52	21.53	21.7	2
10	16QAM	25	0	20.53	20.66	20.85		
10	16QAM	25	12	20.46	20.82	20.83		
10	16QAM	25	25	20.46	20.85	20.89		
10	16QAM	50	0	20.50	20.77	20.78	21.7	2
10	64QAM	1	0	20.81	20.81	20.91		
10	64QAM	1	25	21.19	21.09	21.17		
10	64QAM	1	49	20.98	20.98	20.86		
10	64QAM	25	0	19.59	19.61	19.92	20.7	3
10	64QAM	25	12	19.52	19.86	19.89		
10	64QAM	25	25	19.64	19.75	19.88		
10	64QAM	50	0	19.49	19.77	19.89		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	23.7	0
5	QPSK	1	0	22.68	22.57	22.68		
5	QPSK	1	12	22.80	22.75	22.83	22.7	1
5	QPSK	1	24	22.46	22.49	22.41		
5	QPSK	12	0	21.32	21.62	21.76		
5	QPSK	12	7	21.52	21.82	21.90		
5	QPSK	12	13	21.54	21.73	21.80	21.7	2
5	QPSK	25	0	21.43	21.83	21.83		
5	16QAM	1	0	21.55	21.47	21.37		
5	16QAM	1	12	21.15	21.79	21.21		
5	16QAM	1	24	21.36	21.43	21.60	20.7	3
5	16QAM	12	0	20.39	20.69	20.81		
5	16QAM	12	7	20.62	20.76	20.99		
5	16QAM	12	13	20.41	20.84	20.84		
5	16QAM	25	0	20.61	20.85	20.98	21.7	2
5	64QAM	1	0	20.88	20.85	20.98		
5	64QAM	1	12	21.15	21.18	21.13		
5	64QAM	1	24	20.94	20.87	20.91		
5	64QAM	12	0	19.44	19.72	19.77	20.7	3
5	64QAM	12	7	19.68	19.72	19.89		
5	64QAM	12	13	19.62	19.89	19.99		
5	64QAM	12	13	19.64	19.77	19.98		
5	64QAM	25	0	19.57	19.96	19.97		

Band 13_Ant31									
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				23230					
Frequency (MHz)				782					
10	QPSK	1	0		21.58		23.3	0	
10	QPSK	1	25		21.92				
10	QPSK	1	49		21.83				
10	QPSK	25	0		20.99				
10	QPSK	25	12		20.85		22.3	1	
10	QPSK	25	25		20.95				
10	QPSK	50	0		20.98				
10	16QAM	1	0		21.03				
10	16QAM	1	25		20.99		22.3	1	
10	16QAM	1	49		20.56				
10	16QAM	25	0		19.95				
10	16QAM	25	12		20.08				
10	16QAM	25	25		19.92		21.3	2	
10	16QAM	50	0		20.05				
10	64QAM	1	0		19.86				
10	64QAM	1	25		19.96				
10	64QAM	1	49		19.98		21.3	2	
10	64QAM	25	0		18.94				
10	64QAM	25	12		18.84				
10	64QAM	25	25		18.86				
10	64QAM	50	0		18.96		20.3	3	
Channel				23205					
Frequency (MHz)				779.5			Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.64	21.55	21.57	23.3	0	
5	QPSK	1	12	21.83	21.79	21.75			
5	QPSK	1	24	21.75	21.82	21.72			
5	QPSK	12	0	20.85	20.86	20.80			
5	QPSK	12	7	20.96	20.89	20.91	22.3	1	
5	QPSK	12	13	21.00	21.05	20.93			
5	QPSK	25	0	20.97	20.91	21.04			
5	16QAM	1	0	21.06	21.05	20.99			
5	16QAM	1	12	20.91	20.98	20.86	22.3	1	
5	16QAM	1	24	20.58	20.60	20.57			
5	16QAM	12	0	19.96	19.90	19.91			
5	16QAM	12	7	19.99	20.01	20.05			
5	16QAM	12	13	20.01	20.08	19.99	21.3	2	
5	16QAM	25	0	19.99	20.06	19.90			
5	64QAM	1	0	19.87	19.94	19.84			
5	64QAM	1	12	20.07	20.08	20.12			
5	64QAM	1	24	20.05	19.96	20.09	21.3	2	
5	64QAM	12	0	19.86	19.96	19.97			
5	64QAM	12	7	19.87	18.86	18.80			
5	64QAM	12	13	18.84	18.99	18.93			
5	64QAM	25	0	19.05	18.92	18.99	Tune-up limit (dBm)		MPR (dB)

Band 26_Ant13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.83	22.61	22.99	23	1	
15	QPSK	1	37	23.22	23.28	23.25			
15	QPSK	1	74	23.05	22.76	23.01			
15	QPSK	36	0	21.91	22.15	22.08			
15	QPSK	36	20	21.99	22.04	22.10	23	1	
15	QPSK	36	39	22.03	22.04	22.10			
15	QPSK	75	0	22.03	22.05	22.00			
15	16QAM	1	0	21.79	21.70	21.80			
15	16QAM	1	37	22.08	22.00	22.15	23	1	
15	16QAM	1	74	21.56	21.88	21.85			
15	16QAM	36	0	20.72	20.76	20.95			
15	16QAM	36	20	20.87	20.82	21.10			
15	16QAM	36	39	20.82	20.96	21.01	22	2	
15	16QAM	75	0	21.01	20.97	20.95			
15	64QAM	1	0	20.90	20.83	21.24			
15	64QAM	1	37	20.88	21.13	21.20			
15	64QAM	1	74	20.97	21.00	20.94	22	2	
15	64QAM	36	0	20.00	19.93	20.06			
15	64QAM	36	20	19.99	20.00	20.21			
15	64QAM	36	39	20.08	20.06	19.96			
15	64QAM	75	0	19.96	20.09	20.36	21	3	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	22.74	22.59	22.90	24	0	
10	QPSK	1	25	23.13	23.10	23.16			
10	QPSK	1	49	22.90	22.62	22.86			
10	QPSK	25	0	21.73	22.02	21.90			
10	QPSK	25	12	21.94	21.88	22.05	23	1	
10	QPSK	25	25	21.97	21.90	22.04			
10	QPSK	50	0	22.03	22.04	22.00			
10	16QAM	1	0	21.60	21.63	21.61			
10	16QAM	1	25	21.97	21.95	22.04	23	1	
10	16QAM	1	49	21.53	21.73	21.82			
10	16QAM	25	0	20.53	20.63	20.76			
10	16QAM	25	12	20.67	20.72	21.10			
10	16QAM	25	25	20.65	20.68	20.84	22	2	
10	16QAM	50	0	21.01	20.97	20.95			
10	64QAM	1	0	20.80	20.73	21.14			
10	64QAM	1	25	20.87	21.05	21.19			
10	64QAM	1	49	20.79	20.91	20.76	22	2	
10	64QAM	25	0	19.85	19.83	19.91			
10	64QAM	25	12	19.81	19.95	20.13			
10	64QAM	25	25	19.98	20.00	19.86			
10	64QAM	50	0	19.80	20.06	20.20	21	3	
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.75	22.46	22.91	24	0	
5	QPSK	1	12	23.09	23.11	23.12			
5	QPSK	1	24	22.91	22.62	22.87			
5	QPSK	12	0	21.73	22.10	21.90			
5	QPSK	12	7	21.83	21.82	21.94	23	1	
5	QPSK	12	13	21.84	21.88	21.91			
5	QPSK	25	0	22.02	21.91	21.99			
5	16QAM	1	0	21.68	21.81	21.69			
5	16QAM	1	12	22.01	21.81	22.08	23	1	
5	16QAM	1	24	21.50	21.80	21.79			
5	16QAM	12	0	20.57	20.69	20.80			
5	16QAM	12	7	20.69	20.65	20.92			
5	16QAM	12	13	20.81	20.88	21.00	22	2	
5	16QAM	25	0	20.93	20.90	20.87			
5	64QAM	1	0	20.75	20.75	21.07			
5	64QAM	1	12	20.70	21.12	21.02			
5	64QAM	1	24	20.95	20.82	20.92	22	2	
5	64QAM	12	0	19.89	19.86	19.95			
5	64QAM	12	7	19.73	19.86	20.05			
5	64QAM	12	13	20.00	19.93	19.88			
5	64QAM	25	0	19.84	20.00	20.34	21	3	
Channel				26705	26865	27005			
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	22.64	22.49	22.80	24	0	
3	QPSK	1	8	23.15	23.11	23.18			
3	QPSK	1	14	22.93	22.66	22.89			
3	QPSK	8	0	21.73	22.05	21.90			
3	QPSK	8	4	21.90	21.76	22.01	23	1	
3	QPSK	8	7	21.93	21.96	22.00			
3	QPSK	15	0	21.87	21.90	21.84			
3	16QAM	1	0	21.65	21.59	21.66			
3	16QAM	1	8	22.02	21.83	22.09	23	1	
3	16QAM	1	14	21.49	21.57	21.78			
3	16QAM	8	0	20.70	20.59	20.93			
3	16QAM	8	4	20.72	20.70	20.95	22	2	
3	16QAM	8	7	20.65	20.97	20.98			
3	16QAM	15	0	20.85	20.81	20.79			
3	64QAM	1	0	20.76	20.77	21.10			
3	64QAM	1	8	20.83	21.03	21.15	22	2	
3	64QAM	1	14	20.95	20.96	20.92			
3	64QAM	8	0	19.96	19.88	20.02			
3	64QAM	8	4	19.75	20.00	20.07			
3	64QAM	8	7	19.93	19.89	19.91	21	3	
3	64QAM	15	0	19.77	20.07	20.17			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	22.82	22.51	22.98	24	0	
1.4	QPSK	1	3	23.06	23.20	23.09			
1.4	QPSK	1	5	22.89	22.74	22.85			
1.4	QPSK	3	0	22.79	23.02	22.86			
1.4	QPSK	3	1	22.93	22.88	23.01	23	1	
1.4	QPSK	3	3	23.02	22.94	23.09			
1.4	QPSK	6	0	21.94	21.94	21.91			
1.4	16QAM	1	0	21.68	21.56	21.69			
1.4	16QAM	1	3	21.89	21.88	21.96	23	1	
1.4	16QAM	1	5	21.51	21.78	21.80			
1.4	16QAM	3	0	21.59	21.72	21.82			
1.4	16QAM	3	1	21.79	21.78	22.02			
1.4	16QAM	3	3	21.63	21.91	21.82	22	2	
1.4	16QAM	6	0	20.92	20.88	20.86			
1.4	64QAM	1	0	20.71	20.74	21.05			
1.4	64QAM	1	3	20.85	21.12	21.17			
1.4	64QAM	1	5	20.82	20.90	20.79	22	2	
1.4	64QAM	3	0	20.97	20.91	21.03			
1.4	64QAM	3	1	20.87	20.89	21.19			
1.4	64QAM	3	3	21.08	21.02	20.96			
1.4	64QAM	6	0	19.83	19.98	20.23	21	3	

Band 66_Ant13									
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				130072	130322	130572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	22.58	22.87	22.53	24	0	
20	QPSK	1	49	22.90	23.15	22.72			
20	QPSK	1	99	22.59	23.05	22.48			
20	QPSK	50	0	21.96	22.17	21.85			
20	QPSK	50	24	21.94	22.16	21.75	23	1	
20	QPSK	50	50	21.97	22.14	21.68			
20	QPSK	100	0	21.88	22.21	21.79			
20	16QAM	1	0	21.75	22.14	21.75			
20	16QAM	1	49	21.69	21.83	21.70	23	1	
20	16QAM	1	99	21.77	21.95	21.86			
20	16QAM	50	0	20.86	20.98	20.86			
20	16QAM	50	24	20.95	21.11	20.79			
20	16QAM	50	50	20.95	21.21	20.75	22	2	
20	16QAM	100	0	20.89	21.18	20.76			
20	64QAM	1	0	21.00	21.26	21.09			
20	64QAM	1	49	21.35	21.40	21.30			
20	64QAM	1	99	21.01	21.47	20.88	22	2	
20	64QAM	50	0	19.80	20.20	19.83			
20	64QAM	50	24	19.88	20.12	19.67			
20	64QAM	50	50	19.91	20.10	19.82			
20	64QAM	100	0	19.91	20.15	19.92	21	3	
Channel				130047	130322	130597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	22.47	22.87	22.42	24	0	
15	QPSK	1	37	22.71	23.13	22.53			
15	QPSK	1	74	22.54	22.88	22.43			
15	QPSK	36	0	21.82	22.14	21.71			
15	QPSK	36	20	21.80	22.00	21.61	23	1	
15	QPSK	36	39	21.95	22.09	21.66			
15	QPSK	75	0	21.83	22.16	21.74			
15	16QAM	1	0	21.70	22.14	21.70			
15	16QAM	1	37	21.58	21.81	21.59	23	1	
15	16QAM	1	74	21.76	21.83	21.87			
15	16QAM	36	0	20.83	20.94	20.83			
15	16QAM	36	20	20.92	21.02	20.76			
15	16QAM	36	39	20.95	21.21	20.75	22	2	
15	16QAM	75	0	20.84	21.09	20.73			
15	64QAM	1	0	20.88	21.08	20.97			
15	64QAM	1	37	21.27	21.33	21.22			
15	64QAM	1	74	20.83	21.36	20.70	22	2	
15	64QAM	36	0	19.61	20.06	19.64			
15	64QAM	36	20	19.70	20.10	19.49			
15	64QAM	36	39	19.91	20.08	19.82			
15	64QAM	75	0	19.81	20.07	19.82	21	3	
Channel				130022	130322	130622			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	22.56	22.72	22.51	24	0	
10	QPSK	1	25	22.77	23.06	22.59			
10	QPSK	1	49	22.44	22.97	22.33			
10	QPSK	25	0	21.78	22.14	21.67			
10	QPSK	25	12	21.79	21.98	21.60	23	1	
10	QPSK	25	25	21.82	22.04	21.53			
10	QPSK	50	0	21.71	22.05	21.62			
10	16QAM	1	0	21.73	22.12	21.73			
10	16QAM	1	25	21.58	21.77	21.57	23	1	
10	16QAM	1	49	21.65	21.76	21.76			
10	16QAM	25	0	20.83	20.96	20.83			
10	16QAM	25	12	20.87	21.08	20.71			
10	16QAM	25	25	20.78	21.06	20.58	22	2	
10	16QAM	50	0	20.70	21.04	20.59			
10	64QAM	1	0	20.87	21.06	20.96			
10	64QAM	1	25	21.18	21.28	21.13			
10	64QAM	1	49	20.99	21.43	20.86	22	2	
10	64QAM	25	0	19.67	20.03	19.70			
10	64QAM	25	12	19.79	20.02	19.58			
10	64QAM	25	25	19.83	19.99	19.74			
10	64QAM	50	0	19.91	20.11	19.92	21	3	
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	22.46	22.79	22.41	24	0	
5	QPSK	1	12	22.71	23.12	22.53			
5	QPSK	1	24	22.40	22.87	22.29			
5	QPSK	12	0	21.83	22.17	21.72			
5	QPSK	12	7	21.78	22.09	21.59	23	1	
5	QPSK	12	13	21.85	21.97	21.56			
5	QPSK	25	0	21.88	22.16	21.79			
5	16QAM	1	0	21.67	22.01	21.67			
5	16QAM	1	12	21.60	21.76	21.61	23	1	
5	16QAM	1	24	21.76	21.95	21.87			
5	16QAM	12	0	20.78	20.98	20.78			
5	16QAM	12	7	20.89	21.05	20.73			
5	16QAM	12	13	20.91	21.07	20.71	22	2	
5	16QAM	25	0	20.83	21.03	20.72			
5	64QAM	1	0	20.83	21.19	20.92			
5	64QAM	1	12	21.28	21.32	21.23			
5	64QAM	1	24	20.99	21.33	20.86	22	2	
5	64QAM	12	0	19.79	20.11	19.82			
5	64QAM	12	7	19.79	20.11	19.58			
5	64QAM	12	13	19.75	19.95	19.66			
5	64QAM	25	0	19.81	20.14	19.82	21	3	
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	22.44	22.72	22.39	24	0	
3	QPSK	1	6	22.71	23.11	22.53			
3	QPSK	1	14	22.54	23.03	22.43			
3	QPSK	8	0	21.86	22.15	21.75			
3	QPSK	8	4	21.81	22.09	21.62	23	1	
3	QPSK	8	7	21.94	22.06	21.65			
3	QPSK	15	0	21.71	22.14	21.62			
3	16QAM	1	0	21.60	22.03	21.60			
3	16QAM	1	8	21.52	21.81	21.53	23	1	
3	16QAM	1	14	21.76	21.85	21.87			
3	16QAM	8	0	20.86	20.87	20.86			
3	16QAM	8	4	20.76	20.92	20.60			
3	16QAM	8	7	20.87	21.08	20.67	22	2	
3	16QAM	15	0	20.80	21.02	20.69			
3	64QAM	1	0	20.86	21.25	20.95			
3	64QAM	1	8	21.21	21.25	21.16			
3	64QAM	1	14	20.83	21.28	20.70	22	2	
3	64QAM	8	0	19.73	20.09	19.76			
3	64QAM	8	4	19.72	20.02	19.51			
3	64QAM	8	7	19.90	19.91	19.81			
3	64QAM	15	0	19.79	19.99	19.80	21	3	
Channel				131970	132322	132695			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	22.51	22.75	22.46	24	0	
1.4	QPSK	1	3	22.81	23.07	22.63			
1.4	QPSK	1	5	22.45	22.94	22.34			
1.4	QPSK	3	0	22.80	23.04	22.69			
1.4	QPSK	3	1	22.76	23.03	22.57	23	1	
1.4	QPSK	3	3	22.90	22.95	22.61			
1.4	QPSK	6	0	21.73	22.10	21.64			
1.4	16QAM	1	0	21.70	22.13	21.70			
1.4	16QAM	1	3	21.65	21.81	21.66	23	1	
1.4	16QAM	1	5	21.76	21.95	21.87			
1.4	16QAM	3	0	21.80	21.83	21.80			
1.4	16QAM	3	1	21.87	21.98	21.71			
1.4	16QAM	3	3	21.80	21.99	21.60	22	2	
1.4	64QAM	1	0	20.89	21.24	20.98			
1.4	64QAM	1	3	21.25	21.33	21.20			
1.4	64QAM	1	5	20.92	21.32	20.78			
1.4	64QAM	3	0	20.75	21.19	20.78	22	2	
1.4	64QAM	3	1	20.87	21.25	20.66			
1.4	64QAM	3	3	20.87	20.92	20.76			
1.4	64QAM	6	0	19.75	20.12	19.73			
1.4	64QAM	6	3	19.82	20.12	19.73	21	3	

Band 38_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2560	2595	2610			
20	QPSK	1	0	23.13	22.76	22.99	24.3	0	
20	QPSK	1	49	23.10	23.18	23.06			
20	QPSK	1	99	23.14	22.89	23.10			
20	QPSK	50	0	22.07	22.22	21.97	23.3	1	
20	QPSK	50	24	22.16	22.06	21.97			
20	QPSK	50	50	22.11	22.13	22.10			
20	QPSK	100	0	22.15	22.20	22.11	22.3	1	
20	16QAM	1	0	21.45	21.43	21.64			
20	16QAM	1	49	21.82	21.50	21.74			
20	16QAM	1	99	21.78	21.55	21.63	22.3	2	
20	16QAM	50	0	21.20	20.94	21.06			
20	16QAM	50	24	21.43	20.96	21.45			
20	16QAM	50	50	21.43	20.86	21.42	22.3	2	
20	16QAM	100	0	21.17	20.86	21.01			
20	64QAM	1	0	20.90	21.06	20.99			
20	64QAM	1	49	21.43	21.22	21.33	22.3	2	
20	64QAM	1	99	21.11	21.20	21.18			
20	64QAM	50	0	21.20	20.87	21.00			
20	64QAM	50	24	21.15	20.90	21.08	21.3	3	
20	64QAM	50	50	20.88	20.97	21.05			
20	64QAM	100	0	20.46	20.97	21.04			
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2617.5	2605	2612.5			
15	QPSK	1	0	22.94	22.67	22.80	24.3	0	
15	QPSK	1	37	23.10	22.97	23.06			
15	QPSK	1	74	23.12	22.81	23.05			
15	QPSK	36	0	21.94	22.22	21.84	23.3	1	
15	QPSK	36	20	22.17	21.99	21.86			
15	QPSK	36	39	22.11	21.69	22.19			
15	QPSK	75	0	22.16	21.84	21.98	23.3	1	
15	16QAM	1	0	21.40	21.37	21.59			
15	16QAM	1	37	21.74	21.43	21.66			
15	16QAM	1	74	21.72	21.37	21.57	22.3	2	
15	16QAM	36	0	21.04	20.85	20.90			
15	16QAM	36	20	21.32	20.85	21.34			
15	16QAM	36	39	21.33	20.81	21.32	22.3	2	
15	16QAM	75	0	21.00	20.78	20.84			
15	64QAM	1	0	20.82	20.92	20.91			
15	64QAM	1	37	21.38	21.03	21.28	22.3	2	
15	64QAM	1	74	20.92	21.16	20.99			
15	64QAM	36	0	21.06	20.70	20.86			
15	64QAM	36	20	21.00	20.77	20.93	21.3	3	
15	64QAM	36	39	20.88	20.92	21.05			
15	64QAM	75	0	20.33	20.96	20.91			
Channel				37925	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2617.5	2595	2615			
10	QPSK	1	0	23.07	22.70	22.93	24.3	0	
10	QPSK	1	25	22.94	22.99	22.90			
10	QPSK	1	49	23.17	22.82	23.11			
10	QPSK	25	0	21.92	22.21	21.82	23.3	1	
10	QPSK	25	12	22.13	21.98	21.82			
10	QPSK	25	25	22.09	21.82	22.16			
10	QPSK	50	0	22.14	21.79	21.96	23.3	1	
10	16QAM	1	0	21.40	21.39	21.59			
10	16QAM	1	25	21.68	21.33	21.60			
10	16QAM	1	49	21.63	21.37	21.48	22.3	2	
10	16QAM	25	0	21.01	20.92	20.87			
10	16QAM	25	12	21.38	20.86	21.40			
10	16QAM	25	25	21.27	20.80	21.26	22.3	2	
10	16QAM	50	0	21.11	20.77	20.95			
10	64QAM	1	0	20.83	20.99	20.92	22.3	2	
10	64QAM	1	25	21.28	21.14	21.19			
10	64QAM	1	49	21.00	21.09	21.07			
10	64QAM	25	0	21.04	20.85	20.84	21.3	3	
10	64QAM	25	12	21.15	20.72	21.08			
10	64QAM	25	25	20.83	20.79	21.00			
10	64QAM	50	0	20.40	20.81	20.98	Tune-up limit (dBm)	MPR (dB)	
Channel				37772	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.00	22.74	22.86			
5	QPSK	1	12	22.92	23.00	22.88	24.3	0	
5	QPSK	1	24	23.05	22.77	23.07			
5	QPSK	12	0	21.88	22.05	21.79			
5	QPSK	12	7	22.21	22.02	21.90	23.3	1	
5	QPSK	12	13	22.24	21.70	22.31			
5	QPSK	25	0	22.15	21.66	21.97			
5	16QAM	1	0	21.44	21.30	21.63	23.3	1	
5	16QAM	1	12	21.82	21.49	21.74			
5	16QAM	1	24	21.68	21.47	21.53			
5	16QAM	12	0	21.03	20.79	20.89	22.3	2	
5	16QAM	12	7	21.25	20.81	21.27			
5	16QAM	12	13	21.26	20.81	21.25			
5	16QAM	25	0	21.09	20.72	20.93	22.3	2	
5	64QAM	1	0	20.88	20.97	20.97			
5	64QAM	1	12	21.29	21.15	21.19			
5	64QAM	1	24	20.92	21.19	20.99	21.3	3	
5	64QAM	12	0	21.09	20.86	20.89			
5	64QAM	12	7	21.10	20.88	21.03			
5	64QAM	12	13	20.87	20.89	21.04	Tune-up limit (dBm)	MPR (dB)	
5	64QAM	25	0	20.37	20.86	20.95			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.81	22.96	22.90	24.1	0	
20	QPSK	1	49	23.15	23.20	23.19			
20	QPSK	1	99	23.07	22.99	22.86			
20	QPSK	50	0	22.10	22.15	22.13	23.1	1	
20	QPSK	50	24	22.06	22.13	22.03			
20	QPSK	50	50	22.05	21.90	22.09			
20	QPSK	100	0	22.03	22.05	22.00	22.1	2	
20	16QAM	1	0	21.57	21.53	21.63			
20	16QAM	1	49	21.73	21.63	21.71			
20	16QAM	1	99	21.80	21.79	21.81	22.1	2	
20	16QAM	50	0	21.14	20.92	21.04			
20	16QAM	50	24	21.12	21.00	21.13			
20	16QAM	50	50	21.00	21.02	21.46	21.1	3	
20	16QAM	100	0	21.37	20.93	21.08			
20	64QAM	1	0	20.97	20.80	21.18			
20	64QAM	1	49	21.36	21.27	21.36	22.1	2	
20	64QAM	1	99	21.37	21.09	21.19			
20	64QAM	50	0	20.40	20.17	20.29			
20	64QAM	50	24	20.37	20.25	20.33	21.1	3	
20	64QAM	50	50	20.35	20.26	20.60			
20	64QAM	100	0	20.35	20.60	20.43			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2612.5			
15	QPSK	1	0	22.72	22.84	22.71	24.1	0	
15	QPSK	1	37	23.12	22.61	23.02			
15	QPSK	1	74	22.99	22.89	22.78			
15	QPSK	36	0	21.99	21.65	22.03	23.1	1	
15	QPSK	36	20	21.89	21.97	21.86			
15	QPSK	36	39	21.98	21.90	22.02	22.1	2	
15	QPSK	75	0	21.97	21.83	22.20			
15	16QAM	1	0	21.57	21.34	21.63			
15	16QAM	1	37	21.56	21.63	21.54	23.1	1	
15	16QAM	1	74	21.63	21.63	21.64			
15	16QAM	36	0	21.03	20.86	20.93	22.1	2	
15	16QAM	36	20	21.10	20.96	21.11			
15	16QAM	36	39	21.43	20.98	21.39			
15	16QAM	75	0	21.22	20.85	20.93	21.1	3	
15	64QAM	1	0	20.83	20.69	21.04			
15	64QAM	1	37	21.30	21.12	21.30			
15	64QAM	1	74	21.30	20.96	21.12	22.1	2	
15	64QAM	36	0	20.32	20.01	20.21			
15	64QAM	36	20	20.34	20.11	20.30			
15	64QAM	36	39	20.16	20.23	20.41	21.1	3	
15	64QAM	75	0	20.33	20.48	20.41			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.73	22.89	22.72	24.1	0	
10	QPSK	1	25	23.00	22.99	23.17			
10	QPSK	1	49	22.95	22.90	22.74			
10	QPSK	25	0	21.95	21.68	21.99	23.1	1	
10	QPSK	25	25	21.93	21.81	21.97			
10	QPSK	50	0	22.01	21.82	22.24	22.1	2	
10	16QAM	1	0	21.53	21.44	21.59			
10	16QAM	1	25	21.61	21.51	21.59			
10	16QAM	1	49	21.74	21.78	21.75	23.1	1	
10	16QAM	25	0	21.10	20.75	21.00			
10	16QAM	25	12	20.94	20.96	20.95	22.1	2	
10	16QAM	25	25	21.40	20.84	21.36			
10	16QAM	50	0	21.34	20.86	21.05			
10	64QAM	1	0	20.81	20.74	21.02	22.1	2	
10	64QAM	1	25	21.19	21.12	21.19			
10	64QAM	1	49	21.22	21.03	21.04			
10	64QAM	25	0	20.35	20.16	20.24	21.1	3	
10	64QAM	25	12	20.24	20.15	20.20			
10	64QAM	25	25	20.26	20.16	20.61			
10	64QAM	50	0	20.25	20.55	20.37	21.1	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.72	22.81	22.71	24.1	0	
5	QPSK	1	12	23.13	22.97	23.03			
5	QPSK	1	24	23.01	22.80	22.80			
5	QPSK	12	0	22.02	21.62	22.06	23.1	1	
5	QPSK	12	7	22.00	22.13	21.97			
5	QPSK	12	13	21.87	21.89	21.91	23.1	1	
5	QPSK	25	0	21.90	21.73	22.13			
5	16QAM	1	0	21.38	21.49	21.44			
5	16QAM	1	12	21.54	21.46	21.52	23.1	1	
5	16QAM	1	24	21.67	21.64	21.68			
5	16QAM	12	0	21.14	20.88	21.04	22.1	2	
5	16QAM	12	7	20.97	20.81	20.98			
5	16QAM	12	13	21.33	20.95	21.29			
5	16QAM	25	0	21.30	20.87	21.11	21.1	3	
5	64QAM	1	0	20.82	20.62	21.03			
5	64QAM	1	12	21.31	21.17	21.31			
5	64QAM	1	24	21.20	20.93	21.02	22.1	2	
5	64QAM	12	0	20.25	20.10	20.14			
5	64QAM	12	7	20.18	20.11	20.14			
5	64QAM	12	13	20.31	20.22	20.56	21.1	3	
5	64QAM	25	0	20.16	20.59	20.24			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	24.3	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	22.94	23.11	22.78	22.85	23.3	1
20	QPSK	1	49	23.35	23.37	23.18	23.29		
20	QPSK	1	99	22.99	23.13	22.97	22.84	23.3	1
20	QPSK	50	0	22.22	22.33	21.92	22.26		
20	QPSK	50	24	22.30	22.21	21.91	22.12	23.3	1
20	QPSK	50	50	22.29	22.28	21.84	22.32		
20	QPSK	100	0	22.14	22.28	22.25	22.03	22.3	2
20	16QAM	1	0	21.39	21.38	21.49	21.43		
20	16QAM	1	49	21.96	21.97	21.78	21.85	22.3	2
20	16QAM	1	99	21.77	21.80	21.60	21.62		
20	16QAM	50	0	21.21	21.38	20.96	21.02	22.3	2
20	16QAM	50	24	21.22	21.50	21.05	21.15		
20	16QAM	50	50	21.24	21.26	20.87	21.05	21.3	3
20	16QAM	100	0	20.18	21.65	21.40	20.99		
20	64QAM	1	0	20.58	20.70	20.62	20.58	21.3	3
20	64QAM	1	49	20.85	21.03	21.05	21.05		
20	64QAM	1	99	20.84	20.69	20.55	20.60	21.3	3
20	64QAM	50	0	20.15	20.30	19.97	20.07		
20	64QAM	50	24	20.25	20.25	20.45	20.20	21.3	3
20	64QAM	50	50	20.27	20.62	20.17	20.14		
20	64QAM	100	0	20.38	20.49	20.13	20.13	21.3	3
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2565.5	2594.5	2641.5	24.3	0
15	QPSK	1	0	22.87	23.10	22.71	22.73		
15	QPSK	1	37	23.30	23.30	23.13	23.22	23.3	1
15	QPSK	1	74	22.80	23.00	22.78	22.71		
15	QPSK	36	0	22.33	22.12	21.84	22.10	23.3	1
15	QPSK	36	20	22.37	22.18	21.78	22.09		
15	QPSK	36	39	22.37	22.13	21.80	22.17	23.3	1
15	QPSK	75	0	22.13	22.19	22.24	21.99		
15	16QAM	1	0	21.38	21.47	21.46	21.31	23.3	1
15	16QAM	1	37	21.84	21.85	21.66	21.73		
15	16QAM	1	74	21.61	21.70	21.44	21.52	22.3	2
15	16QAM	36	0	21.09	21.23	20.84	20.87		
15	16QAM	36	20	21.16	21.36	20.99	21.01	22.3	2
15	16QAM	36	39	21.24	21.26	20.87	21.06		
15	16QAM	75	0	21.02	21.63	21.26	20.97	22.3	2
15	64QAM	1	0	20.45	20.60	20.51	20.48		
15	64QAM	1	37	20.85	20.92	21.05	20.94	21.3	3
15	64QAM	1	74	20.50	20.68	20.51	20.59		
15	64QAM	36	0	20.05	20.19	19.96	19.96	21.3	3
15	64QAM	36	20	20.25	20.10	20.45	20.05		
15	64QAM	36	39	20.10	20.51	20.00	20.03	21.3	3
15	64QAM	75	0	20.20	20.34	19.95	19.98		
Channel				40050	40350	40650	41150	24.3	0
Frequency (MHz)				2550	2570	2590	2650		
10	QPSK	1	0	22.79	22.96	22.63	22.82	23.3	1
10	QPSK	1	25	23.34	23.20	23.17	23.12		
10	QPSK	1	49	22.83	23.04	22.81	22.75	23.3	1
10	QPSK	25	0	22.38	22.09	21.89	22.07		
10	QPSK	25	12	22.47	22.14	21.88	22.05	22.3	2
10	QPSK	25	25	22.39	22.23	21.82	22.27		
10	QPSK	50	0	22.10	22.23	22.21	22.03	22.3	2
10	16QAM	1	0	21.40	21.42	21.30	21.46		
10	16QAM	1	25	21.83	21.97	21.85	21.85	22.3	2
10	16QAM	1	49	21.77	21.79	21.60	21.61		
10	16QAM	25	0	21.05	21.26	20.80	20.90	21.3	3
10	16QAM	25	12	21.09	21.49	20.92	21.14		
10	16QAM	25	25	21.22	21.26	20.85	21.06	22.3	2
10	16QAM	50	0	21.05	21.46	21.29	20.80		
10	64QAM	1	0	20.52	20.54	20.58	20.42	21.3	3
10	64QAM	1	25	20.60	21.03	21.00	21.05		
10	64QAM	1	49	20.85	20.57	20.46	20.48	21.3	3
10	64QAM	25	0	20.01	20.12	19.82	19.89		
10	64QAM	25	12	20.11	20.18	20.31	20.13	21.3	3
10	64QAM	25	25	20.23	20.60	20.13	20.12		
10	64QAM	50	0	20.27	20.34	20.02	19.96	24.3	0
Channel				40065	40365	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	23.3	1
5	QPSK	1	0	22.93	23.11	22.77	22.76		
5	QPSK	1	12	23.18	23.31	23.01	23.23	23.3	1
5	QPSK	1	24	22.81	23.11	22.79	22.82		
5	QPSK	12	0	22.36	22.13	21.87	22.11	22.3	2
5	QPSK	12	7	22.34	22.20	21.75	22.11		
5	QPSK	12	13	22.36	22.16	21.79	22.20	22.3	2
5	QPSK	25	0	21.99	22.14	22.10	21.94		
5	16QAM	1	0	21.37	21.41	21.47	21.45	22.3	2
5	16QAM	1	12	21.77	21.90	21.59	21.78		
5	16QAM	1	24	21.68	21.72	21.51	21.54	21.3	3
5	16QAM	12	0	21.19	21.28	20.94	20.92		
5	16QAM	12	7	21.20	21.34	21.03	20.99	22.3	2
5	16QAM	12	13	21.05	21.17	20.68	20.97		
5	64QAM	1	0	20.97	21.49	21.21	20.83	22.3	2
5	64QAM	1	0	20.43	20.52	20.49	20.40		
5	64QAM	1	12	20.84	20.99	21.04	21.01	21.3	3
5	64QAM	1	24	20.80	20.63	20.41	20.54		
5	64QAM	12	0	20.07	20.23	19.88	20.00	21.3	3
5	64QAM	12	7	20.18	20.23	20.38	20.18		
5	64QAM	12	13	20.11	20.48	20.01	20.00	21.3	3
5	64QAM	25	0	20.37	20.40	20.12	20.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)				40140	40400	40670	41140	24.1	0
				2545	2571	2598	2645		
20	QPSK	1	0	22.57	22.83	22.35	22.62	23.1	1
20	QPSK	1	49	22.92	23.21	22.86	22.95		
20	QPSK	1	99	22.79	22.67	22.49	22.68	23.1	1
20	QPSK	50	0	21.76	21.94	21.57	21.64		
20	QPSK	50	24	21.78	21.78	21.59	21.70	23.1	1
20	QPSK	50	50	21.85	21.81	21.55	21.67		
20	QPSK	100	0	21.87	21.94	21.57	21.63	23.1	1
20	16QAM	1	0	21.30	21.33	21.34	21.36		
20	16QAM	1	49	21.55	21.56	21.36	21.81	22.1	2
20	16QAM	1	99	21.89	21.34	21.75	21.35		
20	16QAM	50	0	20.80	21.23	20.59	20.94	22.1	2
20	16QAM	50	24	20.91	20.88	20.70	20.81		
20	16QAM	50	50	20.89	20.74	20.85	21.10	21.1	3
20	16QAM	100	0	20.81	20.84	20.58	20.64		
20	64QAM	1	0	20.36	21.08	20.58	20.41	22.1	2
20	64QAM	1	49	21.06	21.15	20.98	21.01		
20	64QAM	1	99	20.69	20.86	20.70	20.83	21.1	3
20	64QAM	50	0	21.01	20.97	20.91	20.60		
20	64QAM	50	24	20.84	20.82	20.96	20.96	21.1	3
20	64QAM	50	50	20.90	21.05	20.57	20.73		
20	64QAM	100	0	20.82	20.98	20.61	20.70	21.1	3
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5	24.1	0
15	QPSK	1	0	22.55	22.89	22.33	22.53		
15	QPSK	1	37	22.87	22.97	22.81	22.93	23.1	1
15	QPSK	1	74	22.75	22.53	22.45	22.54		
15	QPSK	36	0	21.64	21.75	21.45	21.45	23.1	1
15	QPSK	36	20	21.66	21.74	21.53	21.66		
15	QPSK	36	39	21.66	21.67	21.38	21.47	22.1	2
15	QPSK	75	0	20.88	21.92	21.56	21.61		
15	16QAM	1	0	21.45	21.40	21.49	21.43	23.1	1
15	16QAM	1	37	21.45	21.56	21.46	21.77		
15	16QAM	1	74	21.72	21.46	21.58	21.47	22.1	2
15	16QAM	36	0	20.73	21.10	20.52	20.81		
15	16QAM	36	20	20.72	20.84	20.51	20.77	21.1	3
15	16QAM	36	39	20.84	20.68	20.80	21.04		
15	16QAM	75	0	20.64	20.79	20.41	20.59	22.1	2
15	16QAM	1	0	20.34	21.03	20.56	20.38		
15	64QAM	1	0	21.06	20.98	20.84	20.84	22.1	2
15	64QAM	1	37	21.06	20.98	20.84	20.84		
15	64QAM	1	74	20.75	20.75	20.56	20.70	21.1	3
15	64QAM	36	0	20.86	20.85	20.76	20.48		
15	64QAM	36	20	20.71	20.68	20.81	20.82	21.1	3
15	64QAM	36	39	20.69	21.05	20.56	20.73		
15	64QAM	75	0	20.66	20.85	20.57	20.57	21.1	3
Channel				40390	40560	40950	41190		
Frequency (MHz)				2540	2570	2600	2650	24.1	0
10	QPSK	1	0	22.38	22.66	22.36	22.55		
10	QPSK	1	25	22.77	22.87	22.71	22.83	23.1	1
10	QPSK	1	49	21.79	22.48	22.49	22.49		
10	QPSK	25	0	21.57	21.93	21.38	21.63	23.1	1
10	QPSK	25	12	21.73	21.62	21.54	21.54		
10	QPSK	25	25	21.78	21.65	21.48	21.51	23.1	1
10	QPSK	50	0	21.85	21.87	21.55	21.56		
10	16QAM	1	0	21.34	21.40	21.38	21.43	23.1	1
10	16QAM	1	25	21.44	21.51	21.45	21.72		
10	16QAM	1	49	21.85	21.44	21.71	21.45	22.1	2
10	16QAM	25	0	20.78	21.12	20.57	20.83		
10	16QAM	25	12	20.65	20.88	20.64	20.81	21.1	3
10	16QAM	25	25	20.75	20.75	20.57	20.94		
10	16QAM	50	0	20.70	20.84	20.47	20.64	22.1	2
10	64QAM	1	0	20.43	20.90	20.45	20.43		
10	64QAM	1	25	20.98	21.13	20.90	20.99	21.1	3
10	64QAM	1	49	20.70	20.85	20.51	20.82		
10	64QAM	25	0	20.99	20.97	20.80	20.60	21.1	3
10	64QAM	25	12	20.67	20.66	20.77	20.80		
10	64QAM	25	25	20.64	21.04	20.51	20.72	21.1	3
10	64QAM	50	0	20.76	20.95	20.55	20.67		
Channel									
Frequency (MHz)				40565	40885	40705	41215	24.1	0
				2657.5	2690.5	2661.5	2722.5		
5	QPSK	1	0	22.39	22.71	22.40	22.61	23.1	1
5	QPSK	1	12	22.82	22.96	22.76	22.92		
5	QPSK	1	24	22.79	22.57	22.49	22.58	23.1	1
5	QPSK	12	0	21.67	21.89	21.48	21.59		
5	QPSK	12	0	21.74	21.78	21.54	21.68	22.1	2
5	QPSK	12	13	21.85	21.63	21.55	21.49		
5	QPSK	25	0	21.79	21.87	21.49	21.56	22.1	2
5	16QAM	1	0	21.44	21.42	21.48	21.45		
5	16QAM	1	12	21.44	21.54	21.60	21.75	21.1	3
5	16QAM	24	0	21.71	21.49	21.57	21.50		
5	16QAM	12	0	20.63	21.18	20.42	20.89	22.1	2
5	16QAM	12	7	20.89	20.82	20.68	20.75		
5	16QAM	12	13	20.76	20.74	20.72	21.10	21.1	3
5	16QAM	25	0	20.65	20.82	20.42	20.62		
5	64QAM	1	0	20.49	21.08	20.51	20.41	22.1	2
5	64QAM	1	12	20.96	21.12	20.88	20.98		
5	64QAM	1	24	20.87	20.68	20.68	20.65	21.1	3
5	64QAM	12	0	20.98	20.78	20.88	20.41		
5	64QAM	12	7	20.72	20.82	20.82	20.96	21.1	3
5	64QAM	12	13	20.90	21.07	20.57	20.70		
5	64QAM	25	0	20.76	20.97	20.55	20.69	21.1	3
5	64QAM	25	0	20.76	20.97	20.55	20.69		



DSI2

GSM850_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189	251	128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.94	29.99	29.97	31.00	20.94	20.99	20.97	22.00
GPRS 1 Tx slot	30.00	29.93	29.94	31.00	21.00	20.93	20.94	22.00
GPRS 2 Tx slots	27.16	27.21	27.11	28.30	21.16	21.21	21.11	22.30
GPRS 3 Tx slots	26.01	25.82	25.98	27.00	21.75	21.56	21.72	22.74
GPRS 4 Tx slots	25.25	25.28	25.17	26.50	22.25	22.28	22.17	23.50
EDGE 1 Tx slot	26.51	26.31	26.28	27.50	17.51	17.31	17.28	18.50
EDGE 2 Tx slots	24.85	24.74	24.76	26.00	18.85	18.74	18.76	20.00
EDGE 3 Tx slots	22.74	22.75	22.61	23.90	18.48	18.49	18.35	19.64
EDGE 4 Tx slots	21.13	21.06	21.08	22.30	18.13	18.06	18.08	19.30

GSM850_Ant31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	189	251	128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.74	31.69	31.81	32.70	22.74	22.69	22.81	23.70
GPRS 1 Tx slot	31.74	31.60	31.64	32.70	22.74	22.60	22.64	23.70
GPRS 2 Tx slots	30.15	30.20	30.19	31.00	24.15	24.20	24.19	25.00
GPRS 3 Tx slots	27.88	27.92	27.91	29.00	23.62	23.66	23.65	24.74
GPRS 4 Tx slots	26.12	26.03	26.16	27.00	23.12	23.03	23.16	24.00
EDGE 1 Tx slot	25.97	25.84	25.85	27.00	16.97	16.84	16.85	18.00
EDGE 2 Tx slots	24.33	24.27	24.34	25.50	18.33	18.27	18.34	19.50
EDGE 3 Tx slots	22.27	22.12	22.18	23.50	18.01	17.86	17.92	19.24
EDGE 4 Tx slots	20.53	20.56	20.55	21.80	17.53	17.56	17.55	18.80

GSM1900_Ant31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661	810	512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.35	29.40	29.45	30.50	20.35	20.40	20.45	21.50
GPRS 1 Tx slot	29.32	29.30	29.35	30.50	20.32	20.30	20.35	21.50
GPRS 2 Tx slots	27.24	27.35	27.26	28.50	21.24	21.35	21.26	22.50
GPRS 3 Tx slots	25.45	25.60	25.83	26.60	21.19	21.34	21.57	22.34
GPRS 4 Tx slots	23.78	23.82	23.95	24.80	20.78	20.82	20.95	21.80
EDGE 1 Tx slot	25.01	25.15	25.31	26.50	16.01	16.15	16.31	17.50
EDGE 2 Tx slots	23.34	23.42	23.73	24.20	17.34	17.42	17.73	18.20
EDGE 3 Tx slots	21.18	21.24	21.60	22.30	16.92	16.98	17.34	18.04
EDGE 4 Tx slots	19.85	20.10	20.23	21.00	16.85	17.10	17.23	18.00

Band	WCDMA II_Ant31				Tune-up Limit (dBm)	WCDMA IV_Ant31			Tune-up Limit (dBm)	WCDMA V_Ant31			Tune-up Limit (dBm)
	Tx Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		426.4	436.4	446.6		
3GPP Rel 99	AMR 12.2Kbps	22.82	22.88	22.96	24.30	22.95	22.96	22.99	24.30	23.04	22.98	23.03	24.30
3GPP Rel 99	RMC 12.2Kbps	23.00	23.05	22.96	24.30	22.98	23.06	22.94	24.30	23.09	23.10	23.05	24.30
3GPP Rel 6	HSDPA Subtest-1	21.81	21.85	21.93	23.10	22.06	21.91	22.08	23.10	21.99	22.05	22.07	23.10
3GPP Rel 6	HSDPA Subtest-2	21.95	21.89	22.07	23.10	22.03	22.11	22.04	23.10	21.88	21.97	21.92	23.10
3GPP Rel 6	HSDPA Subtest-3	21.43	21.40	21.60	22.60	21.52	21.62	21.55	22.60	21.39	21.50	21.45	22.60
3GPP Rel 6	HSDPA Subtest-4	21.43	21.39	21.59	22.60	21.50	21.62	21.54	22.60	21.37	21.48	21.44	22.60
3GPP Rel 8	DC-HSDPA Subtest-1	21.78	21.73	21.83	23.10	22.03	21.90	22.02	23.10	21.97	21.83	21.94	23.10
3GPP Rel 8	DC-HSDPA Subtest-2	21.89	21.84	22.01	23.10	21.99	21.96	21.92	23.10	21.83	21.94	21.85	23.10
3GPP Rel 8	DC-HSDPA Subtest-3	21.36	21.34	21.55	22.60	21.46	21.58	21.53	22.60	21.25	21.35	21.37	22.60
3GPP Rel 8	DC-HSDPA Subtest-4	21.38	21.27	21.44	22.60	21.45	21.50	21.46	22.60	21.36	21.38	21.32	22.60
3GPP Rel 6	HSUPA Subtest-1	21.91	21.88	21.94	23.10	21.91	22.01	21.93	23.10	21.80	21.92	21.91	23.30
3GPP Rel 6	HSUPA Subtest-2	19.90	19.91	20.03	21.10	19.95	20.12	20.00	21.10	19.97	20.04	19.91	21.30
3GPP Rel 6	HSUPA Subtest-3	20.89	20.85	20.97	22.10	20.97	21.11	20.94	22.10	20.90	20.94	20.94	22.30
3GPP Rel 6	HSUPA Subtest-4	19.93	19.87	19.98	21.10	19.96	20.11	19.90	21.10	19.98	19.96	20.09	21.30
3GPP Rel 6	HSUPA Subtest-5	21.90	21.90	22.00	23.10	22.00	22.10	21.90	23.10	21.80	21.80	22.00	23.00

Band	WCDMA V_Ant13			Tune-up Limit (dBm)	
	TX Channel	4132	4182		4233
Rx Channel	4357	4407	4458		
Frequency (MHz)	826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	21.00	20.92	20.89	22.50
3GPP Rel 99	RMC 12.2Kbps	21.00	21.07	20.98	22.50
3GPP Rel 6	HSDPA Subtest-1	19.95	20.11	20.05	21.30
3GPP Rel 6	HSDPA Subtest-2	19.99	19.85	19.94	21.30
3GPP Rel 6	HSDPA Subtest-3	19.43	19.53	19.40	20.80
3GPP Rel 6	HSDPA Subtest-4	19.37	19.44	19.49	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	19.95	20.02	19.94	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	19.88	19.78	19.76	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	19.36	19.35	19.41	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	19.38	19.50	19.37	20.80
3GPP Rel 6	HSUPA Subtest-1	19.91	19.96	20.05	21.50
3GPP Rel 6	HSUPA Subtest-2	17.99	18.05	17.95	19.50
3GPP Rel 6	HSUPA Subtest-3	18.92	18.94	18.85	20.50
3GPP Rel 6	HSUPA Subtest-4	18.14	18.12	17.96	19.50
3GPP Rel 6	HSUPA Subtest-5	20.04	19.83	19.92	21.20

Band 2_Ant31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.65	22.72	22.69	23.8	0	
20	QPSK	1	49	23.10	23.21	23.05			
20	QPSK	1	99	22.70	22.75	22.85	22.8	1	
20	QPSK	50	0	21.86	21.87	21.81			
20	QPSK	50	24	21.76	21.75	21.80	21.8	2	
20	QPSK	50	50	21.78	21.76	21.80			
20	QPSK	100	0	21.82	21.88	21.85	21.8	2	
20	16QAM	1	0	21.84	21.56	21.41			
20	16QAM	1	49	21.84	21.56	21.72	22.8	1	
20	16QAM	1	99	21.37	21.26	21.67			
20	16QAM	50	0	20.82	20.87	20.93	21.8	2	
20	16QAM	50	24	20.73	20.83	21.04			
20	16QAM	50	50	20.74	20.74	21.01	21.8	2	
20	16QAM	100	0	20.77	20.72	20.90			
20	64QAM	1	0	20.67	20.84	20.73	21.8	2	
20	64QAM	1	49	21.15	21.10	21.12			
20	64QAM	1	99	21.02	20.90	21.12	20.8	3	
20	64QAM	50	0	19.82	19.96	20.06			
20	64QAM	50	24	19.84	19.71	20.04	20.8	3	
20	64QAM	50	50	19.83	19.76	20.17			
20	64QAM	100	0	19.81	19.86	20.02	20.8	3	
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.49	22.70	22.53	23.8	0	
15	QPSK	1	37	23.06	23.08	23.01			
15	QPSK	1	74	22.54	22.62	22.69	22.8	1	
15	QPSK	36	0	21.72	21.90	21.77			
15	QPSK	36	20	21.70	21.74	21.93	22.8	1	
15	QPSK	36	39	21.70	21.74	21.87			
15	QPSK	75	0	21.77	21.84	21.80	22.8	1	
15	16QAM	1	0	21.53	21.47	21.30			
15	16QAM	1	37	21.64	21.41	21.72	21.8	2	
15	16QAM	1	74	21.34	21.09	21.64			
15	16QAM	36	0	20.75	20.78	20.86	21.8	2	
15	16QAM	36	20	20.65	20.71	20.96			
15	16QAM	36	39	20.62	20.68	20.89	21.8	2	
15	16QAM	75	0	20.68	20.72	20.81			
15	64QAM	1	0	20.60	20.83	20.66	21.8	2	
15	64QAM	1	37	21.15	21.07	21.12			
15	64QAM	1	74	20.98	20.86	21.08	20.8	3	
15	64QAM	36	0	19.76	19.96	20.00			
15	64QAM	36	20	19.73	19.85	20.06	20.8	3	
15	64QAM	36	39	19.74	19.83	20.08			
15	64QAM	75	0	19.78	19.78	19.99	20.8	3	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.53	22.60	22.57	23.8	0	
10	QPSK	1	25	23.05	23.06	23.01			
10	QPSK	1	49	22.70	22.74	22.85	22.8	1	
10	QPSK	25	0	21.74	21.71	21.79			
10	QPSK	25	25	21.73	21.60	21.97	22.8	1	
10	QPSK	50	0	21.79	21.71	21.82			
10	16QAM	1	0	21.50	21.38	21.27	22.8	1	
10	16QAM	1	25	21.57	21.46	21.65			
10	16QAM	1	49	21.20	21.19	21.50	21.8	2	
10	16QAM	25	0	20.63	20.80	20.74			
10	16QAM	25	12	20.55	20.78	20.86	21.8	2	
10	16QAM	25	25	20.65	20.57	20.92			
10	16QAM	50	0	20.73	20.70	20.86	21.8	2	
10	64QAM	1	0	20.56	20.79	20.62			
10	64QAM	1	25	21.09	21.08	21.06	21.8	2	
10	64QAM	1	49	20.91	20.90	21.01			
10	64QAM	25	0	19.73	19.81	19.97	20.8	3	
10	64QAM	25	12	19.65	19.55	19.85			
10	64QAM	25	25	19.80	19.84	20.14	20.8	3	
10	64QAM	50	0	19.73	19.84	19.94			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.63	22.53	22.67	23.8	0	
5	QPSK	1	12	22.91	23.17	22.86			
5	QPSK	1	24	22.58	22.74	22.73	22.8	1	
5	QPSK	12	0	21.73	21.75	21.78			
5	QPSK	12	7	21.68	21.59	21.91	22.8	1	
5	QPSK	12	13	21.67	21.62	21.84			
5	QPSK	25	0	21.71	21.70	21.74	22.8	1	
5	16QAM	1	0	21.63	21.51	21.40			
5	16QAM	1	12	21.48	21.56	21.56	21.8	2	
5	16QAM	1	24	21.26	21.07	21.56			
5	16QAM	12	0	20.71	20.70	20.82	21.8	2	
5	16QAM	12	7	20.62	20.76	20.93			
5	16QAM	12	13	20.67	20.63	20.94	21.8	2	
5	16QAM	25	0	20.65	20.65	20.78			
5	64QAM	1	0	20.62	20.69	20.68	21.8	2	
5	64QAM	1	12	20.96	21.01	20.93			
5	64QAM	1	24	21.00	20.89	21.10	20.8	3	
5	64QAM	12	0	19.75	19.85	19.99			
5	64QAM	12	7	19.79	19.87	19.99	20.8	3	
5	64QAM	12	13	19.83	19.58	20.17			
5	64QAM	25	0	19.79	19.77	20.00	20.8	3	
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.47	22.65	22.51	23.8	0	
3	QPSK	1	8	22.94	23.03	22.89			
3	QPSK	1	14	22.65	22.66	22.80	22.8	1	
3	QPSK	8	0	21.76	21.82	21.81			
3	QPSK	8	4	21.73	21.67	21.96	22.8	1	
3	QPSK	8	7	21.59	21.73	21.76			
3	QPSK	15	0	21.79	21.60	21.82	22.8	1	
3	16QAM	1	0	21.56	21.47	21.33			
3	16QAM	1	8	21.81	21.45	21.69	21.8	2	
3	16QAM	1	14	21.23	21.25	21.53			
3	16QAM	8	0	20.79	20.77	20.90	21.8	2	
3	16QAM	8	4	20.60	20.74	20.91			
3	16QAM	8	7	20.72	20.56	20.99	21.8	2	
3	16QAM	15	0	20.70	20.53	20.83			
3	64QAM	1	0	20.62	20.75	20.68	21.8	2	
3	64QAM	1	8	21.06	21.00	21.03			
3	64QAM	1	14	20.88	20.79	20.98	20.8	3	
3	64QAM	8	0	19.63	19.87	19.87			
3	64QAM	8	4	19.72	19.69	19.92	20.8	3	
3	64QAM	8	7	19.66	19.66	20.00			
3	64QAM	15	0	19.81	19.85	20.02	20.8	3	
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.65	22.57	22.69	23.8	0	
1.4	QPSK	1	3	22.94	23.07	22.89			
1.4	QPSK	1	5	22.59	22.63	22.74	23.8	0	
1.4	QPSK	3	0	22.85	22.83	22.90			
1.4	QPSK	3	1	22.73	22.62	22.92	23.8	0	
1.4	QPSK	3	3	22.75	22.62	22.90			
1.4	QPSK	6	0	21.64	21.54	21.67	23.8	0	
1.4	16QAM	1	0	21.52	21.47	21.29			
1.4	16QAM	1	3	21.62	21.40	21.70	23.8	0	
1.4	16QAM	1	5	21.26	21.08	21.56			
1.4	16QAM	3	0	21.74	21.68	21.85	23.8	0	
1.4	16QAM	3	1	21.61	21.71	21.92			
1.4	16QAM	3	3	21.81	21.59	21.98	23.8	0	
1.4	16QAM	6	0	20.64	20.72	20.77			
1.4	64QAM	1	0	20.55	20.69	20.61	23.8	0	
1.4	64QAM	1	3	21.11	21.07	21.08			
1.4	64QAM	1	5	20.92	20.71	21.00	23.8	0	
1.4	64QAM	3	0	20.70	20.94	20.96			
1.4	64QAM	3	1	20.72	20.70	20.92	23.8	0	
1.4	64QAM	3	3	20.82	20.75	21.16			
1.4	64QAM	6	0	19.72	19.72	19.93	23.8	0	

Band 5_Ant31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20450	Power Middle Ch. / Freq. 20525	Power High Ch. / Freq. 20590	Tune-up limit (dBm)	MPR (dB)
Channel				829	836.5	844	23.8	0
Frequency (MHz)								
10	QPSK	1	0	22.19	22.11	22.27		
10	QPSK	1	25	22.54	22.66	22.60	22.8	1
10	QPSK	1	49	22.13	22.21	22.22		
10	QPSK	25	0	21.40	21.58	21.51		
10	QPSK	25	12	21.45	21.47	21.56	22.8	1
10	QPSK	25	25	21.42	21.51	21.57		
10	QPSK	50	0	21.47	21.62	21.61		
10	16QAM	1	0	21.23	21.34	21.51	22.8	1
10	16QAM	1	25	21.61	21.59	21.61		
10	16QAM	1	49	21.15	21.32	21.37		
10	16QAM	25	0	20.34	20.35	20.26	21.8	2
10	16QAM	25	12	20.49	20.36	20.82		
10	16QAM	25	25	20.54	20.67	20.42		
10	16QAM	50	0	20.52	20.50	20.68	21.8	2
10	64QAM	1	0	20.30	20.42	20.50		
10	64QAM	1	25	20.85	20.53	20.70		
10	64QAM	1	49	20.42	20.38	20.49	20.8	3
10	64QAM	25	0	19.55	19.42	19.62		
10	64QAM	25	12	19.85	19.53	19.71		
10	64QAM	25	25	19.53	19.47	19.51	20.8	3
10	64QAM	50	0	19.49	19.41	19.75		
Channel				20425	20490	20515		
Frequency (MHz)				826.5	836.5	846.5	23.8	0
5	QPSK	1	0	22.19	22.05	22.27		
5	QPSK	1	12	22.46	22.50	22.52		
5	QPSK	1	24	22.00	22.08	22.04	22.8	1
5	QPSK	12	0	21.28	21.49	21.39		
5	QPSK	12	7	21.33	21.39	21.44		
5	QPSK	12	13	21.26	21.38	21.41	22.8	1
5	QPSK	25	0	20.40	20.57	20.36		
5	16QAM	1	0	20.19	20.22	21.47		
5	16QAM	1	12	21.48	21.52	21.48	22.8	1
5	16QAM	1	24	21.08	21.18	21.32		
5	16QAM	12	0	20.33	20.27	20.27		
5	16QAM	12	7	20.42	20.34	20.75	21.8	2
5	16QAM	12	13	20.48	20.57	20.36		
5	16QAM	25	0	20.47	20.47	20.63		
5	64QAM	1	0	20.22	20.39	20.42	21.8	2
5	64QAM	1	12	20.83	20.39	20.68		
5	64QAM	1	24	20.28	20.25	20.35		
5	64QAM	12	0	19.52	19.34	19.59	20.8	3
5	64QAM	12	7	19.53	19.41	19.59		
5	64QAM	12	13	19.40	19.38	19.38		
5	64QAM	25	0	19.45	19.40	19.71	20.8	3
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5	23.8	0
3	QPSK	1	0	22.05	22.10	22.13		
3	QPSK	1	8	22.38	22.53	22.44		
3	QPSK	1	14	22.06	22.04	22.15	22.8	1
3	QPSK	8	0	21.23	21.39	21.34		
3	QPSK	8	4	21.31	21.28	21.42		
3	QPSK	8	7	21.32	21.51	21.47	22.8	1
3	QPSK	15	0	21.43	21.54	21.57		
3	16QAM	1	0	21.04	21.23	21.32		
3	16QAM	1	8	21.57	21.50	21.57	22.8	1
3	16QAM	1	14	21.02	21.24	21.20		
3	16QAM	8	0	20.28	20.17	20.22		
3	16QAM	8	4	20.44	20.17	20.77	21.8	2
3	16QAM	8	7	20.38	20.53	20.26		
3	16QAM	15	0	20.40	20.47	20.56		
3	64QAM	1	0	20.14	20.41	20.34	21.8	2
3	64QAM	1	8	20.82	20.40	20.67		
3	64QAM	1	14	20.39	20.26	20.46		
3	64QAM	8	0	19.52	19.28	19.59	20.8	3
3	64QAM	8	4	19.48	19.39	19.54		
3	64QAM	8	7	19.40	19.36	19.38		
3	64QAM	15	0	19.34	19.31	19.60	20.8	3
Channel				20407	20525	20593		
Frequency (MHz)				824.7	836.5	848.3	23.8	0
1.4	QPSK	1	0	22.15	22.06	22.23		
1.4	QPSK	1	3	22.52	22.48	22.58		
1.4	QPSK	1	5	22.00	22.18	22.06	23.8	0
1.4	QPSK	3	0	22.26	22.39	22.37		
1.4	QPSK	3	1	22.44	22.34	22.55		
1.4	QPSK	3	3	22.40	22.49	22.55	22.8	1
1.4	QPSK	6	0	21.41	21.43	21.55		
1.4	16QAM	1	0	21.10	21.32	21.38		
1.4	16QAM	1	3	21.51	21.41	21.51	22.8	1
1.4	16QAM	1	5	21.20	21.18	21.21		
1.4	16QAM	3	0	21.17	21.17	21.11		
1.4	16QAM	3	1	21.31	21.36	21.64	21.8	2
1.4	16QAM	3	3	21.51	21.55	21.30		
1.4	16QAM	6	0	20.41	20.31	20.57		
1.4	64QAM	1	0	20.16	20.25	20.36	21.8	2
1.4	64QAM	1	3	20.68	20.34	20.53		
1.4	64QAM	1	5	20.23	20.25	20.30		
1.4	64QAM	3	0	20.36	20.38	20.43	20.8	3
1.4	64QAM	3	1	20.46	20.45	20.52		
1.4	64QAM	3	3	20.35	20.35	20.33		
1.4	64QAM	6	0	19.44	19.28	19.70	20.8	3

Band 7_Ant31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.67	22.59	22.69	23.7	0
20	QPSK	1	49	22.83	22.85	22.77		
20	QPSK	1	99	22.45	22.56	22.40		
20	QPSK	50	0	21.79	21.88	21.83	22.7	1
20	QPSK	50	24	21.65	21.70	21.85		
20	QPSK	50	50	21.60	21.77	21.85		
20	QPSK	100	0	21.79	21.85	21.80	22.7	1
20	16QAM	1	0	21.47	21.39	21.29		
20	16QAM	1	49	21.17	21.71	21.23		
20	16QAM	1	99	21.30	21.40	21.54	21.7	2
20	16QAM	50	0	20.45	20.75	20.87		
20	16QAM	50	24	20.52	20.79	20.89		
20	16QAM	50	50	20.48	20.82	20.91	21.7	2
20	16QAM	100	0	20.53	20.82	20.81		
20	64QAM	1	0	20.79	20.85	20.89		
20	64QAM	1	49	21.24	21.15	21.22	20.7	3
20	64QAM	1	99	20.84	20.90	20.81		
20	64QAM	50	0	19.50	19.68	19.83		
20	64QAM	50	24	19.61	19.94	19.98	20.7	3
20	64QAM	50	50	19.63	19.75	19.87		
20	64QAM	100	0	19.51	19.86	19.91		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.69	22.61	22.71	23.7	0
15	QPSK	1	37	22.70	22.76	22.74		
15	QPSK	1	74	22.42	22.54	22.37		
15	QPSK	36	0	21.34	21.63	21.78	22.7	1
15	QPSK	36	20	21.43	21.78	21.81		
15	QPSK	36	39	21.52	21.83	21.88		
15	QPSK	75	0	21.43	21.84	21.83	22.7	1
15	16QAM	1	0	21.46	21.41	21.28		
15	16QAM	1	37	21.21	21.69	21.27		
15	16QAM	1	74	21.31	21.36	21.55	21.7	2
15	16QAM	36	0	20.52	20.81	20.94		
15	16QAM	36	20	20.43	20.83	20.80		
15	16QAM	36	39	20.56	20.90	20.99	21.7	2
15	16QAM	75	0	20.47	20.73	20.75		
15	64QAM	1	0	20.81	20.81	20.91		
15	64QAM	1	37	21.15	21.23	21.13	21.7	2
15	64QAM	1	74	20.78	20.90	20.75		
15	64QAM	36	0	19.45	19.75	19.78		
15	64QAM	36	20	19.57	19.97	19.94	20.7	3
15	64QAM	36	39	19.54	19.74	19.78		
15	64QAM	75	0	19.57	19.94	19.97		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.68	22.66	22.70	23.7	0
10	QPSK	1	25	22.75	22.79	22.69		
10	QPSK	1	49	22.53	22.53	22.53		
10	QPSK	25	0	21.42	21.64	21.86	22.7	1
10	QPSK	25	12	21.47	21.82	21.85		
10	QPSK	25	25	21.59	21.79	21.95		
10	QPSK	50	0	21.41	21.71	21.81	22.7	1
10	16QAM	1	0	21.53	21.32	21.35		
10	16QAM	1	25	21.20	21.64	21.26		
10	16QAM	1	49	21.29	21.32	21.53	21.7	2
10	16QAM	25	0	20.53	20.66	20.95		
10	16QAM	25	12	20.46	20.82	20.83		
10	16QAM	25	25	20.46	20.85	20.89	21.7	2
10	16QAM	50	0	20.50	20.77	20.78		
10	64QAM	1	0	20.81	20.81	20.91		
10	64QAM	1	25	21.19	21.05	21.17	20.7	3
10	64QAM	1	49	20.89	20.86	20.86		
10	64QAM	25	0	19.59	19.61	19.92		
10	64QAM	25	12	19.52	19.86	19.89	20.7	3
10	64QAM	25	25	19.64	19.75	19.88		
10	64QAM	50	0	19.48	19.77	19.89		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.66	22.57	22.68	23.7	0
5	QPSK	1	12	22.80	22.75	22.83		
5	QPSK	1	24	22.46	22.49	22.41		
5	QPSK	12	0	21.32	21.62	21.76	22.7	1
5	QPSK	12	7	21.43	21.82	21.90		
5	QPSK	12	15	21.54	21.73	21.90		
5	QPSK	25	0	21.52	21.85	21.83	22.7	1
5	16QAM	1	0	21.55	21.47	21.37		
5	16QAM	1	12	21.15	21.79	21.21		
5	16QAM	1	24	21.36	21.43	21.60	21.7	2
5	16QAM	12	0	20.39	20.69	20.61		
5	16QAM	12	7	20.62	20.76	20.99		
5	16QAM	12	13	20.41	20.81	20.84	20.7	3
5	16QAM	25	0	20.61	20.85	20.89		
5	64QAM	1	0	20.88	20.85	20.98		
5	64QAM	1	12	21.15	21.18	21.13	21.7	2
5	64QAM	1	24	20.94	20.87	20.91		
5	64QAM	12	0	19.44	19.72	19.77		
5	64QAM	12	7	19.62	19.89	19.89	20.7	3
5	64QAM	12	13	19.64	19.77	19.88		
5	64QAM	25	0	19.57	19.96	19.97		

Band 13_Ant31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				782	2158				
Frequency (MHz)									
10	QPSK	1	0		21.58		23.3	0	
10	QPSK	1	25		21.92				
10	QPSK	1	49		21.83				
10	QPSK	25	0		20.99		22.3	1	
10	QPSK	25	12		20.85				
10	QPSK	25	25		20.95				
10	QPSK	50	0		20.98		22.3	1	
10	16QAM	1	0		21.03				
10	16QAM	1	25		20.99				
10	16QAM	1	49		20.96		21.3	2	
10	16QAM	25	0		19.95				
10	16QAM	25	12		20.08				
10	16QAM	25	25		19.92		21.3	2	
10	16QAM	50	0		20.05				
10	64QAM	1	0		19.88		21.3	2	
10	64QAM	1	25		19.98				
10	64QAM	1	49		19.98				
10	64QAM	25	0		18.94		20.3	3	
10	64QAM	25	12		18.80				
10	64QAM	25	25		18.86				
10	64QAM	50	0		18.96				
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	21.64	21.55	21.57	23.3	0	
5	QPSK	1	12	21.83	21.79	21.75			
5	QPSK	1	24	21.75	21.82	21.72			
5	QPSK	12	0	20.85	20.86	20.80	22.3	1	
5	QPSK	12	7	20.96	20.89	20.91			
5	QPSK	12	13	21.00	21.05	20.93			
5	QPSK	25	0	20.97	20.91	21.04	22.3	1	
5	16QAM	1	0	21.06	21.05	20.99			
5	16QAM	1	12	20.91	20.98	20.86			
5	16QAM	1	24	20.58	20.60	20.57	21.3	2	
5	16QAM	12	0	19.96	19.90	19.91			
5	16QAM	12	7	19.99	20.01	20.05			
5	16QAM	12	13	20.01	20.06	19.99	21.3	2	
5	16QAM	25	0	19.99	20.06	19.90			
5	64QAM	1	0	19.87	19.94	19.84			
5	64QAM	1	12	20.07	20.08	20.12	21.3	2	
5	64QAM	1	24	20.05	19.95	20.09			
5	64QAM	12	0	18.88	18.96	18.97			
5	64QAM	12	7	18.87	18.86	18.80	20.3	3	
5	64QAM	12	13	18.84	18.99	18.93			
5	64QAM	25	0	19.05	18.92	18.99			

Band 26_Ant13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	20.76	20.86	20.69	22	0	
15	QPSK	1	37	21.30	21.35	21.24			
15	QPSK	1	74	20.71	20.87	20.81			
15	QPSK	36	0	20.86	20.92	20.89	22	0	
15	QPSK	36	20	20.74	20.87	20.74			
15	QPSK	36	39	20.69	20.82	20.81			
15	QPSK	75	0	20.70	20.76	20.73	22	0	
15	16QAM	1	0	20.47	20.52	20.33			
15	16QAM	1	37	20.57	20.73	20.70			
15	16QAM	1	74	20.25	20.41	20.22	22	0	
15	16QAM	36	0	20.77	20.77	20.69			
15	16QAM	36	20	20.82	20.85	20.71			
15	16QAM	36	39	20.82	20.87	20.72	22	0	
15	16QAM	75	0	20.54	20.72	20.67			
15	64QAM	1	0	20.79	20.82	20.74	22	0	
15	64QAM	1	37	21.26	21.32	21.22			
15	64QAM	1	74	20.88	21.02	20.85			
15	64QAM	36	0	19.96	20.08	20.02	21	1	
15	64QAM	36	20	20.02	20.13	19.98			
15	64QAM	36	39	19.92	20.01	19.85			
15	64QAM	75	0	19.74	19.93	19.88	Tune-up limit (dBm)	MPR (dB)	
Channel				26760	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	20.59	20.71	20.52	22	0	
10	QPSK	1	25	21.30	21.26	21.24			
10	QPSK	1	49	20.69	20.81	20.79			
10	QPSK	25	0	20.78	20.87	20.81	22	0	
10	QPSK	25	12	20.72	20.83	20.72			
10	QPSK	25	25	20.60	20.70	20.72			
10	QPSK	50	0	20.70	20.74	20.73	22	0	
10	16QAM	1	0	20.29	20.34	20.15			
10	16QAM	1	25	20.38	20.73	20.51			
10	16QAM	1	49	20.25	20.32	20.22	22	0	
10	16QAM	25	0	20.70	20.58	20.82			
10	16QAM	25	12	20.78	20.78	20.67			
10	16QAM	25	25	20.74	20.80	20.66	22	0	
10	16QAM	50	0	20.44	20.57	20.57			
10	64QAM	1	0	20.74	20.69	20.69			
10	64QAM	1	25	21.11	21.17	21.07	22	0	
10	64QAM	1	49	20.78	20.90	20.95			
10	64QAM	25	0	19.88	19.90	19.94			
10	64QAM	25	12	20.90	20.02	19.96	21	1	
10	64QAM	25	25	19.83	19.86	19.76			
10	64QAM	50	0	19.60	19.84	19.74			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	20.71	20.74	20.64	22	0	
5	QPSK	1	12	21.25	21.23	21.19			
5	QPSK	1	24	20.70	20.86	20.80			
5	QPSK	12	0	20.76	20.80	20.79	22	0	
5	QPSK	12	7	20.64	20.80	20.64			
5	QPSK	12	13	20.67	20.70	20.79			
5	QPSK	25	0	20.64	20.61	20.67	22	0	
5	16QAM	1	0	20.46	20.47	20.32			
5	16QAM	1	12	20.39	20.67	20.52			
5	16QAM	1	24	20.07	20.24	20.04	22	0	
5	16QAM	12	0	20.62	20.62	20.54			
5	16QAM	12	7	20.77	20.75	20.66			
5	16QAM	12	13	20.68	20.87	20.58	22	0	
5	16QAM	25	0	20.51	20.67	20.64			
5	64QAM	1	0	20.65	20.79	20.60	22	0	
5	64QAM	1	12	21.10	21.22	21.06			
5	64QAM	1	24	20.75	21.00	20.72			
5	64QAM	12	0	19.81	20.08	19.87	21	1	
5	64QAM	12	7	19.83	20.03	19.79			
5	64QAM	12	13	19.90	19.88	19.83			
5	64QAM	25	0	19.61	19.79	19.75	Tune-up limit (dBm)	MPR (dB)	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	20.61	20.72	20.54	22	0	
3	QPSK	1	8	21.16	21.25	21.10			
3	QPSK	1	14	20.66	20.73	20.76			
3	QPSK	8	0	20.83	20.81	20.86	22	0	
3	QPSK	8	4	20.69	20.73	20.69			
3	QPSK	8	7	20.82	20.69	20.74			
3	QPSK	15	0	20.54	20.73	20.57	22	0	
3	16QAM	1	0	20.47	20.50	20.33			
3	16QAM	1	8	20.58	20.65	20.69			
3	16QAM	1	14	20.12	20.38	20.09	22	0	
3	16QAM	8	0	20.69	20.58	20.61			
3	16QAM	8	4	20.68	20.85	20.57			
3	16QAM	8	7	20.80	20.77	20.70	22	0	
3	16QAM	15	0	20.47	20.65	20.60			
3	64QAM	1	0	20.69	20.77	20.64	22	0	
3	64QAM	1	8	21.20	21.28	21.16			
3	64QAM	1	14	20.87	20.94	20.84			
3	64QAM	8	0	19.87	19.95	19.93	21	1	
3	64QAM	8	4	19.90	20.02	19.86			
3	64QAM	8	7	19.90	19.89	19.83			
3	64QAM	15	0	19.61	19.77	19.75	Tune-up limit (dBm)	MPR (dB)	
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	20.58	20.75	20.51	22	0	
1.4	QPSK	1	3	21.23	21.18	21.17			
1.4	QPSK	1	5	20.65	20.68	20.75			
1.4	QPSK	3	0	20.79	20.77	20.82	22	0	
1.4	QPSK	3	1	20.57	20.79	20.57			
1.4	QPSK	3	1	20.68	20.74	20.78	22	0	
1.4	QPSK	6	0	20.52	20.72	20.55			
1.4	16QAM	1	0	20.36	20.35	20.22			
1.4	16QAM	1	3	20.47	20.59	20.60	22	0	
1.4	16QAM	1	5	20.21	20.28	20.18			
1.4	16QAM	3	0	20.73	20.75	20.65			
1.4	16QAM	3	1	20.73	20.82	20.62	22	0	
1.4	16QAM	3	3	20.68	20.72	20.68			
1.4	16QAM	6	0	20.52	20.72	20.55			
1.4	64QAM	1	0	20.62	20.81	20.57	22	0	
1.4	64QAM	1	3	21.17	21.14	21.13			
1.4	64QAM	1	5	20.78	20.89	20.75			
1.4	64QAM	3	0	20.83	20.89	20.99	22	0	
1.4	64QAM	3	1	21.01	21.96	20.87			
1.4	64QAM	3	3	20.92	20.88	20.85			
1.4	64QAM	6	0	19.69	19.88	19.83	21	1	

Band 66_Ant31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132522	132972			
Frequency (MHz)				1721	1745	1770			
20	QPSK	1	0	22.88	22.85	22.75	23.8	0	
20	QPSK	1	49	23.15	23.30	23.20			
20	QPSK	1	99	22.77	22.89	22.80			
20	QPSK	50	0	21.66	22.07	21.63	22.8	1	
20	QPSK	50	24	21.66	21.97	21.58			
20	QPSK	50	50	21.79	21.90	21.52			
20	QPSK	100	0	21.69	22.00	21.57	22.8	1	
20	16QAM	1	0	21.40	21.55	21.41			
20	16QAM	1	49	21.35	21.48	21.27			
20	16QAM	1	99	21.41	21.40	21.07	21.8	2	
20	16QAM	50	0	20.76	21.05	20.56			
20	16QAM	50	24	20.70	20.89	20.66			
20	16QAM	50	50	20.80	21.03	20.59	21.8	2	
20	16QAM	100	0	20.62	21.02	20.64			
20	64QAM	1	0	20.95	21.00	20.84			
20	64QAM	1	49	21.05	21.17	21.10	21.8	2	
20	64QAM	1	99	20.88	21.13	20.90			
20	64QAM	50	0	19.69	20.15	19.66			
20	64QAM	50	24	19.81	19.99	19.65	20.8	3	
20	64QAM	50	50	19.77	19.97	19.50			
20	64QAM	100	0	19.56	20.14	19.64			
Channel				132047	132522	132997	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.6	1745	1772.5			
15	QPSK	1	0	22.81	22.67	22.68	23.8	0	
15	QPSK	1	37	23.12	23.29	23.17			
15	QPSK	1	74	22.72	22.72	22.75			
15	QPSK	36	0	21.64	21.96	21.61	22.8	1	
15	QPSK	36	20	21.51	21.96	21.43			
15	QPSK	36	39	21.76	21.82	21.49			
15	QPSK	75	0	21.50	21.62	21.38	21.8	2	
15	16QAM	1	0	21.28	21.37	21.29			
15	16QAM	1	37	21.32	21.43	21.24			
15	16QAM	1	74	21.28	21.40	21.07	21.8	2	
15	16QAM	36	0	20.67	21.00	20.47			
15	16QAM	36	20	20.54	20.76	20.50			
15	16QAM	36	39	20.76	20.86	20.55	21.8	2	
15	16QAM	75	0	20.49	21.01	20.51			
15	64QAM	1	0	20.87	21.00	20.76			
15	64QAM	1	37	21.04	21.09	21.09	21.8	2	
15	64QAM	1	74	20.70	21.11	20.72			
15	64QAM	36	0	19.56	19.99	19.53			
15	64QAM	36	20	19.73	19.98	19.57	20.8	3	
15	64QAM	36	39	19.69	19.87	19.42			
15	64QAM	75	0	19.51	20.05	19.59			
Channel				132022	132522	132822	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	22.83	22.84	22.70	23.8	0	
10	QPSK	1	25	23.09	23.23	23.14			
10	QPSK	1	49	22.67	22.84	22.70			
10	QPSK	25	0	21.60	21.96	21.57	22.8	1	
10	QPSK	25	12	21.51	21.81	21.43			
10	QPSK	25	25	21.77	21.90	21.50			
10	QPSK	50	0	21.56	21.97	21.43	21.8	2	
10	16QAM	1	0	21.28	21.46	21.29			
10	16QAM	1	25	21.27	21.37	21.19			
10	16QAM	1	49	21.31	21.29	21.10	21.8	2	
10	16QAM	25	0	20.65	20.88	20.45			
10	16QAM	25	12	20.61	20.87	20.57			
10	16QAM	25	25	20.68	20.88	20.47	21.8	2	
10	16QAM	50	0	20.58	20.85	20.60			
10	64QAM	1	0	20.94	20.98	20.83			
10	64QAM	1	25	20.90	21.14	20.95	21.8	2	
10	64QAM	1	49	20.85	21.12	20.87			
10	64QAM	25	0	19.51	20.12	19.48			
10	64QAM	25	12	19.68	19.91	19.52	20.8	3	
10	64QAM	25	25	19.73	19.92	19.46			
10	64QAM	50	0	19.37	20.02	19.45			
Channel				131997	132522	132857	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	22.77	22.83	22.64	23.8	0	
5	QPSK	1	12	23.12	23.19	23.17			
5	QPSK	1	24	22.73	22.87	22.76			
5	QPSK	12	0	21.58	21.90	21.55	22.8	1	
5	QPSK	12	7	21.51	21.94	21.43			
5	QPSK	12	13	21.66	21.82	21.39			
5	QPSK	25	0	21.50	21.63	21.38	21.8	1	
5	16QAM	1	0	21.33	21.42	21.34			
5	16QAM	1	12	21.33	21.48	21.25			
5	16QAM	1	24	21.32	21.40	21.15	21.8	2	
5	16QAM	12	0	20.72	21.05	20.52			
5	16QAM	12	7	20.52	20.77	20.48			
5	16QAM	12	13	20.70	20.88	20.49	21.8	2	
5	16QAM	25	0	20.57	20.91	20.59			
5	64QAM	1	0	20.87	20.89	20.76			
5	64QAM	1	12	20.88	21.10	20.93	21.8	2	
5	64QAM	1	24	20.74	20.94	20.76			
5	64QAM	12	0	19.68	20.09	19.65			
5	64QAM	12	7	19.88	19.94	19.52	20.8	3	
5	64QAM	12	13	19.60	19.88	19.33			
5	64QAM	25	0	19.49	20.00	19.57			
Channel				131987	132522	132857	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	22.72	22.73	22.59	23.8	0	
3	QPSK	1	8	23.03	23.27	23.08			
3	QPSK	1	14	22.77	22.89	22.80			
3	QPSK	8	0	21.64	22.06	21.61	22.8	1	
3	QPSK	8	4	21.48	21.85	21.40			
3	QPSK	8	7	21.75	21.79	21.48			
3	QPSK	15	0	21.61	21.83	21.49	22.8	1	
3	16QAM	1	0	21.24	21.49	21.25			
3	16QAM	1	8	21.19	21.48	21.11			
3	16QAM	1	14	21.30	21.35	21.05	21.8	2	
3	16QAM	8	0	20.63	21.03	20.43			
3	16QAM	8	4	20.64	20.82	20.60			
3	16QAM	8	7	20.72	20.84	20.51	21.8	2	
3	16QAM	15	0	20.50	20.98	20.52			
3	64QAM	1	0	20.78	20.92	20.67			
3	64QAM	1	8	20.97	21.13	21.02	21.8	2	
3	64QAM	1	14	20.86	20.94	20.88			
3	64QAM	8	0	19.63	20.07	19.60			
3	64QAM	8	4	19.72	19.94	19.56	20.8	3	
3	64QAM	8	7	19.59	19.93	19.32			
3	64QAM	15	0	19.43	19.98	19.51			
Channel				131970	132522	132850	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	22.84	22.86	22.71	23.8	0	
1.4	QPSK	1	3	23.01	23.26	23.06			
1.4	QPSK	1	5	22.68	22.83	22.71			
1.4	QPSK	3	0	22.86	22.97	22.63	23.8	0	
1.4	QPSK	3	1	22.50	22.83	22.42			
1.4	QPSK	3	3	22.69	22.87	22.42			
1.4	QPSK	6	0	21.60	21.96	21.46	23.8	0	
1.4	16QAM	1	0	21.31	21.38	21.32			
1.4	16QAM	1	3	21.25	21.38	21.17			
1.4	16QAM	1	5	21.23	21.23	21.15	23.8	0	
1.4	16QAM	3	0	21.73	21.95	21.53			
1.4	16QAM	3	1	21.55	21.85	21.51			
1.4	16QAM	3	3	21.68	21.87	21.47	23.8	0	
1.4	16QAM	6	0	20.60	20.93	20.62			
1.4	64QAM	1	0	20.76	20.92	20.65			
1.4	64QAM	1	3	20.72	21.09	20.97	23.8	0	
1.4	64QAM	1	5	20.88	20.99	20.90			
1.4	64QAM	3	0	20.58	20.99	20.55			
1.4	64QAM	3	1	20.67	21.08	20.61	23.8	0	
1.4	64QAM	3	3	20.64	20.96	20.37			
1.4	64QAM	6	0	19.45	20.05	19.53			

Band 38_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	23.6	0	
Frequency (MHz)				2500	2595	2610			
20	QPSK	1	0	22.55	22.35	22.45			
20	QPSK	1	49	22.51	22.57	22.54			
20	QPSK	1	99	22.34	22.44	22.41	23.1	0.5	
20	QPSK	50	0	21.69	21.84	21.83			
20	QPSK	50	24	21.73	21.81	21.65			
20	QPSK	50	50	21.60	21.58	21.58			
20	QPSK	100	0	21.55	21.63	21.67	23.1	0.5	
20	16QAM	1	0	21.23	21.29	21.12			
20	16QAM	1	49	21.40	21.47	21.33			
20	16QAM	1	99	21.24	21.36	21.32			
20	16QAM	50	0	20.39	20.57	20.56	22.1	1.5	
20	16QAM	50	24	20.67	20.86	20.61			
20	16QAM	50	50	20.57	20.58	20.55			
20	16QAM	100	0	20.58	20.70	20.60			
20	64QAM	1	0	20.07	20.15	20.09	22.1	1.5	
20	64QAM	1	49	20.34	20.43	20.39			
20	64QAM	1	99	20.40	20.40	20.38			
20	64QAM	50	0	19.65	19.76	19.63			
20	64QAM	50	24	19.73	19.78	19.61	21.1	2.5	
20	64QAM	50	50	19.64	19.74	19.65			
20	64QAM	100	0	19.68	19.86	19.69			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2617.4	26165	26173.5	23.6	0	
15	QPSK	1	0	22.52	22.29	22.42			
15	QPSK	1	37	22.40	22.53	22.43			
15	QPSK	1	74	22.15	22.34	22.22	23.1	0.5	
15	QPSK	36	0	21.53	21.69	21.67			
15	QPSK	36	20	21.57	21.65	21.49			
15	QPSK	36	39	21.46	21.56	21.42			
15	QPSK	75	0	21.46	21.56	21.48	23.1	0.5	
15	16QAM	1	0	21.13	21.20	21.02			
15	16QAM	1	37	21.36	21.32	21.29			
15	16QAM	1	74	21.24	21.30	21.32			
15	16QAM	36	0	20.39	20.36	20.36	22.1	1.5	
15	16QAM	36	20	20.55	20.54	20.49			
15	16QAM	36	39	20.42	20.49	20.40			
15	16QAM	75	0	20.54	20.55	20.56			
15	64QAM	1	0	19.95	20.14	19.97	22.1	1.5	
15	64QAM	1	37	20.17	20.37	20.22			
15	64QAM	1	74	20.28	20.23	20.35			
15	64QAM	36	0	19.66	19.62	19.63			
15	64QAM	36	20	19.68	19.61	19.56	21.1	2.5	
15	64QAM	36	39	19.62	19.74	19.63			
15	64QAM	75	0	19.49	19.80	19.50			
Channel				37725	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2246	2230	2236	23.6	0	
10	QPSK	1	0	22.46	22.30	22.36			
10	QPSK	1	25	22.38	22.38	22.41			
10	QPSK	1	49	22.30	22.31	22.37	23.1	0.5	
10	QPSK	25	0	21.67	21.75	21.81			
10	QPSK	25	12	21.58	21.69	21.50			
10	QPSK	25	25	21.52	21.66	21.48			
10	QPSK	50	0	21.44	21.44	21.46	23.1	0.5	
10	16QAM	1	0	21.05	21.20	21.05			
10	16QAM	1	25	21.37	21.46	21.30			
10	16QAM	1	49	21.20	21.26	21.28			
10	16QAM	25	0	20.21	20.40	20.38	22.1	1.5	
10	16QAM	25	12	20.65	20.57	20.59			
10	16QAM	25	25	20.41	20.52	20.39			
10	16QAM	50	0	20.52	20.61	20.54			
10	64QAM	1	0	19.98	19.96	20.00	22.1	1.5	
10	64QAM	1	25	20.26	20.40	20.31			
10	64QAM	1	49	20.33	20.34	20.31			
10	64QAM	25	0	19.57	19.74	19.54			
10	64QAM	25	12	19.69	19.62	19.57	21.1	2.5	
10	64QAM	25	25	19.57	19.60	19.58			
10	64QAM	50	0	19.50	19.62	19.61			
Channel				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2249	2217	2239	23.6	0	
5	QPSK	1	0	22.49	22.17	22.39			
5	QPSK	1	12	22.46	22.56	22.49			
5	QPSK	1	24	22.18	22.42	22.25	23.1	0.5	
5	QPSK	12	0	21.61	21.79	21.75			
5	QPSK	12	7	21.61	21.71	21.53			
5	QPSK	12	13	21.54	21.67	21.50			
5	QPSK	25	0	21.44	21.59	21.46	23.1	0.5	
5	16QAM	1	0	21.08	21.28	20.97			
5	16QAM	1	12	21.34	21.29	21.27			
5	16QAM	1	24	21.20	21.21	21.28			
5	16QAM	12	0	20.36	20.56	20.53	22.1	1.5	
5	16QAM	12	7	20.67	20.57	20.61			
5	16QAM	12	13	20.54	20.51	20.52			
5	16QAM	25	0	20.52	20.59	20.54			
5	64QAM	1	0	20.00	20.10	20.02	22.1	1.5	
5	64QAM	1	12	20.29	20.35	20.34			
5	64QAM	1	24	20.32	20.21	20.30			
5	64QAM	12	0	19.47	19.64	19.44			
5	64QAM	12	7	19.59	19.64	19.47	21.1	2.5	
5	64QAM	12	13	19.56	19.59	19.57			
5	64QAM	25	0	19.66	19.83	19.67			

Band 41_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	23.6	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	22.55	22.55	22.44	22.58	23.1	0.5
20	QPSK	1	49	22.49	22.54	22.52	22.60		
20	QPSK	1	99	22.53	22.61	22.57	22.51		
20	QPSK	50	0	21.87	22.00	21.99	21.99		
20	QPSK	50	24	21.92	21.96	21.84	21.93	22.1	1.5
20	QPSK	50	50	21.88	21.84	21.80	21.89		
20	QPSK	100	0	21.87	21.90	21.77	21.73		
20	15QAM	1	0	21.95	22.00	21.92	21.93		
20	16QAM	1	49	21.90	22.09	22.04	22.02	21.1	0.5
20	16QAM	1	99	21.99	21.99	21.96	21.80		
20	16QAM	50	0	21.44	21.47	21.34	21.42		
20	16QAM	50	24	21.27	21.43	21.25	21.24		
20	16QAM	50	50	21.15	21.33	21.14	21.24	22.1	1.5
20	16QAM	100	0	21.12	21.31	21.29	21.31		
20	64QAM	1	0	20.67	20.85	20.81	20.81		
20	64QAM	1	49	21.04	21.17	21.00	21.13		
20	64QAM	1	99	20.73	20.80	20.68	20.61	22.1	1.5
20	64QAM	50	0	20.19	20.33	20.27	20.32		
20	64QAM	50	24	20.40	20.52	20.39	20.49		
20	64QAM	50	50	20.38	20.42	20.42	20.35		
20	64QAM	100	0	20.45	20.62	20.49	20.62	21.1	2.5
Channel				40115	40395	40685	41165		
Frequency (MHz)				2574.5	2574.5	2599.4	2647.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.48	22.43	22.37	22.46	23.6	0
15	QPSK	1	37	22.31	22.52	22.34	22.48		
15	QPSK	1	74	22.41	22.55	22.45	22.45		
15	QPSK	36	0	22.26	22.30	22.38	22.29		
15	QPSK	36	20	22.20	22.30	22.12	22.27	23.1	0.5
15	QPSK	36	39	21.99	22.05	22.11	21.93		
15	QPSK	75	0	22.20	22.28	22.10	22.11		
15	16QAM	1	0	21.77	21.96	21.74	21.89		
15	16QAM	1	37	21.81	21.90	21.95	21.83	23.1	0.5
15	16QAM	1	74	21.83	21.98	21.80	21.79		
15	16QAM	36	0	21.37	21.45	21.27	21.40		
15	16QAM	36	20	21.12	21.35	21.10	21.16		
15	16QAM	36	39	21.16	21.23	21.11	21.14	22.1	1.5
15	16QAM	75	0	21.12	21.25	21.29	21.25		
15	64QAM	1	0	20.67	20.79	20.81	20.75		
15	64QAM	1	37	21.07	21.16	21.03	21.15		
15	64QAM	1	74	20.64	20.79	20.59	20.60	22.1	1.5
15	64QAM	36	0	20.13	20.20	20.21	20.19		
15	64QAM	36	20	20.35	20.45	20.34	20.42		
15	64QAM	36	39	20.38	20.26	20.42	20.19		
15	64QAM	75	0	20.39	20.48	20.43	20.48	21.1	2.5
Channel				40065	40385	40680	41155		
Frequency (MHz)				2540	2570	2600	2650	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.43	22.51	22.32	22.40	23.6	0
10	QPSK	1	25	22.45	22.63	22.48	22.59		
10	QPSK	1	49	22.47	22.56	22.51	22.41		
10	QPSK	25	0	22.19	22.26	22.31	22.25		
10	QPSK	25	12	22.31	22.31	22.23	22.33	23.1	0.5
10	QPSK	25	25	22.02	22.11	22.14	21.96		
10	QPSK	50	0	22.27	22.28	22.17	22.11		
10	16QAM	1	0	21.95	21.83	21.92	21.76		
10	16QAM	1	25	21.83	21.99	21.87	21.92	23.1	0.5
10	16QAM	1	49	21.82	21.80	21.79	21.81		
10	16QAM	25	0	21.37	21.43	21.27	21.38		
10	16QAM	25	12	21.17	21.38	21.15	21.19		
10	16QAM	25	25	21.02	21.32	21.02	21.23	22.1	1.5
10	16QAM	50	0	21.02	21.29	21.19	21.29		
10	64QAM	1	0	20.58	20.74	20.70	20.70		
10	64QAM	1	25	20.87	21.08	20.83	21.04		
10	64QAM	1	49	20.61	20.84	20.58	20.45	21.1	2.5
10	64QAM	25	0	20.07	20.33	20.15	20.32		
10	64QAM	25	12	20.37	20.44	20.37	20.21		
10	64QAM	25	25	20.25	20.29	20.29	20.29		
10	64QAM	50	0	20.41	20.43	20.45	20.43	21.1	2.5
Channel				40065	40385	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.43	22.43	22.32	22.41	23.6	0
5	QPSK	1	12	22.39	22.54	22.42	22.50		
5	QPSK	1	24	22.50	22.57	22.54	22.57		
5	QPSK	12	0	22.19	22.37	22.31	22.36		
5	QPSK	12	7	22.29	22.22	22.21	22.19	23.1	0.5
5	QPSK	12	13	21.94	22.18	22.06	22.03		
5	QPSK	25	0	22.20	22.24	22.10	22.07		
5	16QAM	1	0	21.84	21.82	21.81	21.86		
5	16QAM	1	12	21.89	21.96	22.03	21.89	23.1	0.5
5	16QAM	1	24	21.86	21.86	21.83	21.67		
5	16QAM	12	0	21.37	21.44	21.27	21.39		
5	16QAM	12	16	21.19	21.32	21.17	21.13		
5	16QAM	12	13	21.30	21.30	21.11	21.21	22.1	1.5
5	16QAM	25	0	21.02	21.24	21.19	21.24		
5	64QAM	1	0	20.57	20.73	20.71	20.69		
5	64QAM	1	12	20.96	21.10	20.92	21.06		
5	64QAM	1	24	20.71	20.67	20.66	20.48	22.1	1.5
5	64QAM	12	0	20.15	20.33	20.23	20.35		
5	64QAM	12	7	20.25	20.47	20.24	20.44		
5	64QAM	12	13	20.35	20.25	20.39	20.18		
5	64QAM	25	0	20.31	20.62	20.35	20.62	21.1	2.5
Channel				40065	40385	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.43	22.43	22.32	22.41	23.6	0
5	QPSK	1	12	22.39	22.54	22.42	22.50		
5	QPSK	1	24	22.50	22.57	22.54	22.57		
5	QPSK	12	0	22.19	22.37	22.31	22.36		
5	QPSK	12	7	22.29	22.22	22.21	22.19	23.1	0.5
5	QPSK	12	13	21.94	22.18	22.06	22.03		
5	QPSK	25	0	22.20	22.24	22.10	22.07		
5	16QAM	1	0	21.84	21.82	21.81	21.86		
5	16QAM	1	12	21.89	21.96	22.03	21.89	23.1	0.5
5	16QAM	1	24	21.86	21.86	21.83	21.67		
5	16QAM	12	0	21.37	21.44	21.27	21.39		
5	16QAM	12	16	21.19	21.32	21.17	21.13		
5	16QAM	12	13	21.30	21.30	21.11	21.21	22.1	1.5
5	16QAM	25	0	21.02	21.24	21.19	21.24		
5	64QAM	1	0	20.57	20.73	20.71	20.69		
5	64QAM	1	12	20.96	21.10	20.92	21.06		
5	64QAM	1	24	20.71	20.67	20.66	20.48	22.1	1.5
5	64QAM	12	0	20.15	20.33	20.23	20.35		
5	64QAM	12	7	20.25	20.47	20.24	20.44		
5	64QAM	12	13	20.35	20.25	20.39	20.18		
5	64QAM	25	0	20.31	20.62	20.35	20.62	21.1	2.5
Channel				40065	40385	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.43	22.43	22.32	22.41	23.6	0
5	QPSK	1	12	22.39	22.54	22.42	22.50		
5	QPSK	1	24	22.50	22.57	22.54	22.57		
5	QPSK	12	0	22.19	22.37	22.31	22.36		
5	QPSK	12	7	22.29	22.22	22.21	22.19	23.1	0.5
5	QPSK	12	13	21.94	22.18	22.06	22.03		
5	QPSK	25	0	22.20	22.24	22.10	22.07		
5	16QAM	1	0	21.84	21.82	21.81	21.86		
5	16QAM	1	12	21.89	21.96	22.03	21.89	23.1	0.5
5	16QAM	1	24	21.86	21.86	21.83	21.67		
5	16QAM	12	0	21.37	21.44	21.27	21.39		
5	16QAM	12	16	21.19	21.32	21.17	21.13		
5	16QAM	12	13	21.30	21.30	21.11	21.21	22.1	1.5
5	16QAM	25	0	21.02	21.24	21.19	21.24		
5	64QAM	1	0	20.57	20.73	20.71	20.69		
5	64QAM	1	12	20.96	21.10	20.92	21.06		
5	64QAM	1	24	20.71	20.67	20.66	20.48	22.1	1.5
5	64QAM	12	0	20.15	20.33	20.23	20.35		
5	64QAM	12	7	20.25	20.47	20.24	20.44		
5	64QAM	12	13	20.35	20.25	20.39	20.18		
5	64QAM	25	0	20.31	20.62	20.35	20.62	21.1	2.5
Channel				40065	40385	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.43	22.43	22.32	22.41	23.6	0
5	QPSK	1	12	22.39	22.54	22.42	22.50		
5	QPSK	1	24	22.50	22.57	22.54	22.57		
5	QPSK	12	0	22.19	22.37	22.31	22.36		
5	QPSK	12	7	22.29	22.22	22.21	22.19	23.1	0.5
5	QPSK	12	13	21.94	22.18	22.06	22.03		
5	QPSK	25	0	22.20	22.24	22.10	22.07		
5	16QAM	1	0	21.84	21.82	21.81	21.86		
5	16QAM	1	12	21.89	21.96	22.03	21.89	23.1	0.5
5	16QAM	1	24	21.86	21.86	21.83	21.67		
5	16QAM	12	0	21.37	21.44	21.27	21.39		
5	16QAM	12	16	21.19	21.32	21.17	21.13		
5	16QAM	12	13	21.30	21.30	21.11	21.21	22.1	1.5
5	16QAM	25	0	21.02	21.24	21.19	21.24		
5	64QAM	1	0	20.57	20.73	20.71	20.69		
5	64QAM	1	12	20.96	21.10	20.92	21.06		
5	64QAM	1	24	20.71	20.67	20.66	20.48	22.1	1.5
5	64QAM	12	0	20.15	20.33	20.23	20.35		
5	64QAM	1							



DSI3

GSM850_Ant13	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel					128 189 251				
	128	189	251			128	189	251		
Frequency (MHz)	824.2	836.4	848.8							
GSM 1 Tx slot	29.00	29.02	28.95	30.00	20.00	20.02	19.95	21.00		
GPRS 1 Tx slot	28.97	28.96	28.89	30.00	19.97	19.96	19.89	21.00		
GPRS 2 Tx slots	26.64	26.62	26.68	27.80	20.64	20.62	20.68	21.80		
GPRS 3 Tx slots	25.01	24.85	25.00	26.00	20.75	20.59	20.74	21.74		
GPRS 4 Tx slots	24.20	24.38	24.14	25.50	21.20	21.38	21.14	22.50		
EDGE 1 Tx slot	26.51	26.31	26.28	27.50	17.51	17.31	17.28	18.50		
EDGE 2 Tx slots	24.85	24.74	24.76	26.00	18.85	18.74	18.76	20.00		
EDGE 3 Tx slots	22.74	22.75	22.61	23.90	18.48	18.49	18.35	19.64		
EDGE 4 Tx slots	21.13	21.06	21.08	22.30	18.13	18.06	18.08	19.30		

GSM850_Ant31	Burst Average Power (dbm)				Tune-up Limit	Frame-Average Power (dbm)				Tune-up Limit
	TX Channel					128 189 251				
	824.2	836.4	848.8	824.2		836.4	848.8	824.2	836.4	
Frequency (MHz)										
GSM 1 Tx slot	31.74	31.69	31.81	32.70	22.74	22.69	22.81	23.70		
GPRS 1 Tx slot	31.74	31.60	31.64	32.70	22.74	22.60	22.64	23.70		
GPRS 2 Tx slots	30.15	30.20	30.19	31.00	24.15	24.20	24.19	25.00		
GPRS 3 Tx slots	27.88	27.92	27.91	29.00	23.62	23.66	23.65	24.74		
GPRS 4 Tx slots	26.12	26.03	26.16	27.00	23.12	23.03	23.16	24.00		
EDGE 1 Tx slot	25.97	25.84	25.85	27.00	16.97	16.84	16.85	18.00		
EDGE 2 Tx slots	24.33	24.27	24.34	25.50	18.33	18.27	18.34	19.50		
EDGE 3 Tx slots	22.27	22.12	22.15	23.50	18.01	17.86	17.92	19.24		
EDGE 4 Tx slots	20.53	20.56	20.55	21.80	17.53	17.56	17.55	18.80		

GSM1900_Ant31	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame-Average Power (dBm)				Tune-up Limit (dBm)
	TX Channel					512 661 810				
	1550.2	1680	1699.8	1650.2		1680	1699.8			
Frequency (MHz)										
GSM 1 Tx slot	29.35	29.40	29.45	30.50	20.35	20.40	20.45	21.50		
GPRS 1 Tx slot	29.32	29.30	29.35	30.50	20.32	20.30	20.35	21.50		
GPRS 2 Tx slots	27.24	27.35	27.26	28.50	21.24	21.35	21.26	22.50		
GPRS 3 Tx slots	24.82	24.96	24.93	26.10	20.56	20.70	20.67	21.84		
GPRS 4 Tx slots	23.78	23.82	23.95	24.80	20.78	20.82	20.95	21.80		
EDGE 1 Tx slot	25.01	25.15	25.31	26.50	16.01	16.15	16.31	17.50		
EDGE 2 Tx slots	23.34	23.42	23.73	24.20	17.34	17.42	17.73	18.20		
EDGE 3 Tx slots	21.18	21.24	21.60	22.30	16.92	16.98	17.34	18.04		
EDGE 4 Tx slots	19.85	20.10	20.23	21.00	16.85	17.10	17.23	18.00		

Band	WCDMA II_Ant31				Tune-up Limit (dBm)	WCDMA IV_Ant31				Tune-up Limit (dBm)	WCDMA V_Ant31				Tune-up Limit (dBm)
	Tx Channel					1312 1413 1513					4132 4182 4233				
	9662	9400	9538	9938		1537	1638	1738	4357		4407	4458			
Frequency (MHz)	1652.4	1680	1697.6	1712.4	1732.6	1752.6	1772.6	826.4	836.4	846.6					
3GPP Rel 99	AMR 12.2Kbps	22.82	22.88	22.96	24.30	22.95	22.98	22.99	24.30	23.04	22.98	23.03	24.30		
3GPP Rel 99	RMC 12.2Kbps	23.00	23.05	22.96	24.30	22.98	23.06	22.94	24.30	23.09	23.10	23.05	24.30		
3GPP Rel 6	HSDPA Subtest-1	21.81	21.85	21.93	23.10	22.06	21.91	22.08	23.10	21.99	22.05	22.07	23.10		
3GPP Rel 6	HSDPA Subtest-2	21.95	21.89	22.07	23.10	22.03	22.11	22.04	23.10	21.88	21.97	21.92	23.10		
3GPP Rel 6	HSDPA Subtest-3	21.43	21.40	21.60	22.60	21.52	21.62	21.55	22.60	21.39	21.50	21.45	22.60		
3GPP Rel 6	HSDPA Subtest-4	21.43	21.39	21.59	22.60	21.50	21.62	21.54	22.60	21.37	21.48	21.44	22.60		
3GPP Rel 8	DC-HSDPA Subtest-1	21.78	21.73	21.83	23.10	22.03	21.90	22.02	23.10	21.97	21.83	21.94	23.10		
3GPP Rel 8	DC-HSDPA Subtest-2	21.89	21.84	22.01	23.10	21.99	21.96	21.92	23.10	21.83	21.94	21.85	23.10		
3GPP Rel 8	DC-HSDPA Subtest-3	21.36	21.34	21.55	22.60	21.48	21.58	21.53	22.60	21.25	21.35	21.37	22.60		
3GPP Rel 8	DC-HSDPA Subtest-4	21.38	21.27	21.44	22.60	21.45	21.50	21.46	22.60	21.36	21.38	21.32	22.60		
3GPP Rel 6	HSUPA Subtest-1	21.91	21.88	21.94	23.10	21.91	22.01	21.93	23.10	21.80	21.92	21.91	23.30		
3GPP Rel 6	HSUPA Subtest-2	19.90	19.91	20.03	21.10	19.95	20.12	20.00	21.10	19.97	20.04	19.91	21.30		
3GPP Rel 6	HSUPA Subtest-3	20.89	20.85	20.97	22.10	20.97	21.11	20.94	22.10	20.90	20.94	20.94	22.30		
3GPP Rel 6	HSUPA Subtest-4	19.93	19.87	19.96	21.10	19.96	20.11	19.90	21.10	19.98	19.96	20.09	21.30		
3GPP Rel 6	HSUPA Subtest-5	21.90	21.90	22.00	23.10	22.00	22.10	21.90	23.10	21.80	21.80	22.00	23.00		

Band	WCDMA V_Ant13			Tune-up Limit (dBm)	
	TX Channel				
	4132	4182	4233		
Rx Channel	4357	4407	4458		
Frequency (MHz)	826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	20.47	20.47	20.39	22.00
3GPP Rel 99	RMC 12.2Kbps	20.46	20.59	20.52	22.00
3GPP Rel 6	HSDPA Subtest-1	19.48	19.53	19.55	20.80
3GPP Rel 6	HSDPA Subtest-2	19.40	19.44	19.36	20.80
3GPP Rel 6	HSDPA Subtest-3	18.95	18.92	18.91	20.30
3GPP Rel 6	HSDPA Subtest-4	19.01	18.94	18.90	20.30
3GPP Rel 8	DC-HSDPA Subtest-1	19.38	19.56	19.43	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	19.34	19.36	19.29	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.93	18.88	18.99	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	18.80	19.00	18.85	20.30
3GPP Rel 6	HSUPA Subtest-1	19.42	19.55	19.57	21.00
3GPP Rel 6	HSUPA Subtest-2	17.41	17.51	17.48	19.00
3GPP Rel 6	HSUPA Subtest-3	18.39	18.49	18.38	20.00
3GPP Rel 6	HSUPA Subtest-4	17.58	17.61	17.51	19.00
3GPP Rel 6	HSUPA Subtest-5	19.53	19.35	19.47	20.70

Band 13_Ant31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				782			23.3	0	
Frequency (MHz)				21.58					
10	QPSK	1	0		21.58				
10	QPSK	1	25		21.92				
10	QPSK	1	49		21.83		22.3	1	
10	QPSK	25	0		20.99				
10	QPSK	25	12		20.85				
10	QPSK	25	25		20.95				
10	QPSK	50	0		20.98		22.3	1	
10	16QAM	1	0		21.03				
10	16QAM	1	25		20.99				
10	16QAM	1	49		20.56		21.3	2	
10	16QAM	25	0		19.95				
10	16QAM	25	12		20.08				
10	16QAM	25	25		19.92				
10	16QAM	50	0		20.05		21.3	2	
10	64QAM	1	0		19.88				
10	64QAM	1	25		19.98				
10	64QAM	1	49		19.98		20.3	3	
10	64QAM	25	0		18.94				
10	64QAM	25	12		18.80				
10	64QAM	25	25		18.86				
10	64QAM	50	0		18.96		23.3	0	
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5	22.3	1	
5	QPSK	1	0	21.64	21.55	21.57			
5	QPSK	1	12	21.83	21.79	21.75			
5	QPSK	1	24	21.75	21.82	21.72	22.3	1	
5	QPSK	12	0	20.85	20.86	20.80			
5	QPSK	12	7	20.96	20.89	20.91			
5	QPSK	12	13	21.00	21.05	20.93			
5	QPSK	25	0	20.97	20.91	21.04	22.3	1	
5	16QAM	1	0	21.06	21.05	20.99			
5	16QAM	1	12	20.91	20.98	20.86			
5	16QAM	1	24	20.58	20.60	20.57	21.3	2	
5	16QAM	12	0	19.96	19.90	19.91			
5	16QAM	12	7	19.99	20.01	20.05			
5	16QAM	12	13	20.01	20.08	19.99			
5	16QAM	25	0	19.99	20.06	19.90	21.3	2	
5	64QAM	1	0	19.87	19.94	19.84			
5	64QAM	1	12	20.07	20.08	20.12			
5	64QAM	1	24	20.05	19.95	20.09	20.3	3	
5	64QAM	12	0	18.88	19.06	18.97			
5	64QAM	12	7	18.87	18.98	18.80			
5	64QAM	12	13	18.84	18.99	18.93			
5	64QAM	25	0	19.05	18.92	18.98	23.3	0	

Band 26_Ant13												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 26765	Power Middle Ch. / Freq. 821.5	Power High Ch. / Freq. 841.5	Tune-up limit (dBm)	MPR (dB)				
Channel				821.5			21	0				
Frequency (MHz)				821.5								
15	QPSK	1	0	19.83	19.96	20.07				21	0	
15	QPSK	1	37	19.97	20.15	20.04						
15	QPSK	1	74	19.72	19.88	19.72						
15	QPSK	36	0	19.95	19.99	19.90						
15	QPSK	36	20	19.80	19.88	19.74	21	0				
15	QPSK	36	39	19.84	19.91	19.91	21	0				
15	QPSK	75	0	19.70	19.96	19.79						
15	16QAM	1	0	19.76	19.95	19.95						
15	16QAM	1	37	20.02	20.11	20.00						
15	16QAM	1	74	19.56	19.56	19.60	21	0				
15	16QAM	36	0	19.88	19.88	19.73	21	0				
15	16QAM	36	20	20.07	20.07	19.96						
15	16QAM	36	39	19.83	19.85	19.79						
15	16QAM	75	0	19.82	19.82	19.68						
15	64QAM	1	0	19.60	19.56	19.55	21	0				
15	64QAM	1	37	19.98	20.10	19.98						
15	64QAM	1	74	19.80	19.95	19.72						
15	64QAM	36	0	19.86	20.05	19.90						
15	64QAM	36	20	19.85	19.95	19.95	21	0				
15	64QAM	36	39	19.86	20.01	19.96						
15	64QAM	75	0	19.81	19.83	19.70						
Channel				26742	26855	26995						
Frequency (MHz)				819	831.5	844	21	0				
10	QPSK	1	0	19.69	19.88	19.93				21	0	
10	QPSK	1	25	19.91	20.12	19.98						
10	QPSK	1	49	19.60	19.83	19.80						
10	QPSK	25	0	19.94	19.91	19.99	21	0				
10	QPSK	25	12	19.73	19.77	19.87						
10	QPSK	25	25	19.74	19.91	19.81						
10	QPSK	50	0	19.67	19.79	19.76	21	0				
10	16QAM	1	0	19.71	19.94	19.90						
10	16QAM	1	25	20.01	20.11	20.00						
10	16QAM	1	49	19.50	19.49	19.54	21	0				
10	16QAM	25	0	19.78	19.79	19.63	21	0				
10	16QAM	25	12	20.07	20.05	19.96						
10	16QAM	25	25	19.67	19.72	19.63						
10	16QAM	50	0	19.73	19.74	19.50	21	0				
10	64QAM	1	0	19.49	19.38	19.44						
10	64QAM	1	25	19.87	20.08	19.87						
10	64QAM	1	49	19.73	19.76	19.77	21	0				
10	64QAM	25	0	19.73	20.05	19.77						
10	64QAM	25	12	19.80	19.80	19.80						
10	64QAM	25	25	19.81	20.01	19.91	21	0				
10	64QAM	50	0	19.62	19.79	19.75						
Channel				26715	26865	27015						
Frequency (MHz)				816.5	831.5	846.5	21	0				
5	QPSK	1	0	19.78	19.90	20.02				21	0	
5	QPSK	1	12	19.62	19.96	19.89						
5	QPSK	1	24	19.66	19.69	19.66						
5	QPSK	12	0	19.91	19.89	19.86	21	0				
5	QPSK	12	7	19.74	19.75	19.68						
5	QPSK	12	13	19.81	19.82	19.68						
5	QPSK	25	0	19.55	19.74	19.64	21	0				
5	16QAM	1	0	19.70	19.86	19.89						
5	16QAM	1	12	19.92	20.08	19.90						
5	16QAM	1	24	19.53	19.47	19.57	21	0				
5	16QAM	12	0	19.79	19.72	19.64						
5	16QAM	12	7	20.07	19.94	19.96						
5	16QAM	12	13	19.83	19.89	19.79	21	0				
5	16QAM	25	0	19.65	19.68	19.51						
5	64QAM	1	0	19.60	19.52	19.55						
5	64QAM	1	12	19.96	20.07	19.98	21	0				
5	64QAM	1	24	19.86	19.96	19.94						
5	64QAM	12	0	19.76	19.90	19.80						
5	64QAM	12	7	19.73	19.81	19.83	21	0				
5	64QAM	12	13	19.69	19.93	19.76						
5	64QAM	25	0	19.71	19.78	19.60						
Channel				26705	26865	27025	21	0				
Frequency (MHz)				815.5	831.5	847.5						
3	QPSK	1	0	19.83	19.92	20.07	21	0				
3	QPSK	1	8	19.88	20.06	19.95						
3	QPSK	1	14	19.56	19.85	19.56						
3	QPSK	8	0	19.91	19.90	19.86	21	0				
3	QPSK	8	4	19.64	19.86	19.58						
3	QPSK	8	7	19.72	19.89	19.79						
3	QPSK	15	0	19.68	19.69	19.77	21	0				
3	16QAM	1	0	19.62	19.80	19.81						
3	16QAM	1	8	20.00	20.02	19.98						
3	16QAM	1	14	19.44	19.46	19.48	21	0				
3	16QAM	8	0	19.72	19.82	19.57						
3	16QAM	8	4	20.02	20.05	19.91						
3	16QAM	8	7	19.70	19.89	19.66						
3	16QAM	15	0	19.76	19.64	19.62	21	0				
3	64QAM	1	0	19.42	19.52	19.53						
3	64QAM	1	8	19.98	20.03	19.98	21	0				
3	64QAM	1	14	19.62	19.62	19.56						
3	64QAM	8	0	19.80	20.05	19.84						
3	64QAM	8	4	19.70	19.84	19.80	21	0				
3	64QAM	8	7	19.76	19.92	19.86						
3	64QAM	15	0	19.66	19.64	19.55						
Channel				26705	26865	27025	21	0				
Frequency (MHz)				814.7	831.5	848.3						
1.4	QPSK	1	0	19.73	19.95	19.97	21	0				
1.4	QPSK	1	3	19.97	19.96	20.04						
1.4	QPSK	1	5	19.55	19.78	19.55						
1.4	QPSK	3	0	19.83	19.97	19.78	21	0				
1.4	QPSK	3	1	19.73	19.70	19.67						
1.4	QPSK	3	3	19.66	19.82	19.73						
1.4	16QAM	6	0	19.62	19.67	19.71	21	0				
1.4	16QAM	1	0	19.60	19.87	19.79						
1.4	16QAM	1	3	19.69	19.92	19.67						
1.4	16QAM	1	5	19.43	19.49	19.47	21	0				
1.4	16QAM	3	0	19.77	19.81	19.82						
1.4	16QAM	3	1	19.94	20.02	19.83						
1.4	16QAM	3	3	19.64	19.75	19.60	21	0				
1.4	16QAM	6	0	19.63	19.80	19.49						
1.4	16QAM	6	1	19.58	19.83	19.53						
1.4	64QAM	1	3	19.88	19.94	19.88	21	0				
1.4	64QAM	1	5	19.89	19.91	19.85						
1.4	64QAM	3	0	19.67	19.86	19.71						
1.4	64QAM	3	1	19.78	19.90	19.68	21	0				
1.4	64QAM	3	3	19.74	19.87	19.84						
1.4	64QAM	6	0	19.62	19.80	19.51						

DSI4

GSM850_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.92	31.96	32.04	33.00	22.92	22.96	23.04	24.00
GPRS 1 Tx slot	31.99	32.00	31.89	33.00	22.99	23.00	22.89	24.00
GPRS 2 Tx slot	30.14	30.20	30.08	31.30	24.14	24.20	24.08	25.30
GPRS 3 Tx slots	28.46	28.27	28.37	29.50	24.20	24.01	24.11	25.24
GPRS 4 Tx slots	26.74	26.78	26.64	28.00	23.74	23.78	23.64	25.00
EDGE 1 Tx slot	26.51	26.31	26.28	27.50	17.51	17.31	17.28	18.50
EDGE 2 Tx slots	24.85	24.74	24.76	26.00	16.85	16.74	16.76	20.00
EDGE 3 Tx slots	22.74	22.75	22.61	23.90	16.48	16.49	16.35	19.64
EDGE 4 Tx slots	21.13	21.06	21.08	22.30	16.13	16.06	16.08	19.30

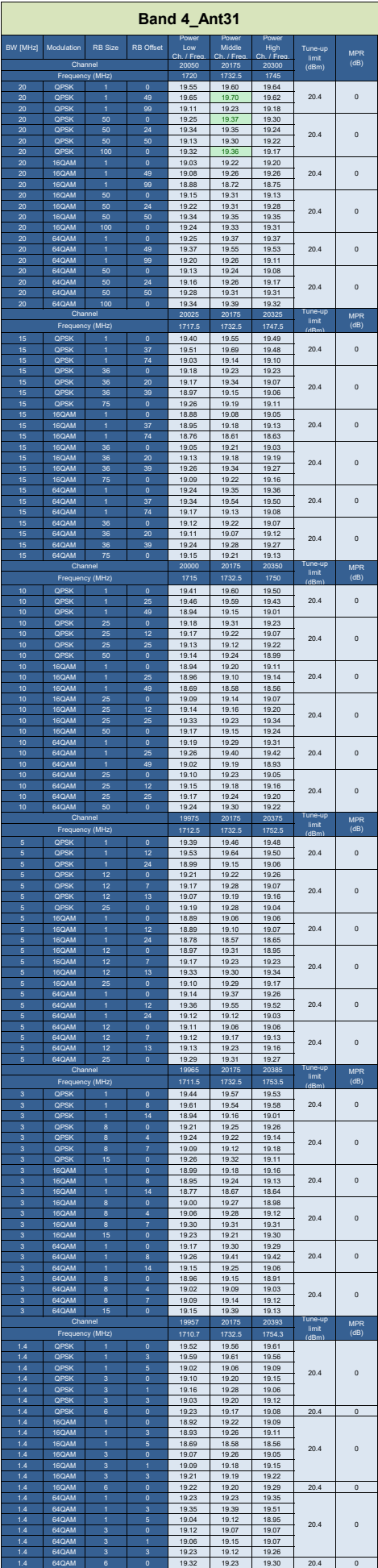
GSM1900_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.68	25.68	25.71	26.80	16.68	16.68	16.71	17.80
GPRS 1 Tx slot	25.59	25.62	25.57	26.80	16.59	16.62	16.57	17.80
GPRS 2 Tx slots	23.59	23.65	23.61	24.00	17.59	17.65	17.61	18.00
GPRS 3 Tx slots	22.23	22.38	22.26	22.50	17.97	18.12	18.00	18.24
GPRS 4 Tx slots	21.01	21.09	21.04	21.50	18.01	18.09	18.04	18.50
EDGE 1 Tx slot	25.45	25.49	25.40	26.20	16.45	16.49	16.40	17.20
EDGE 2 Tx slots	23.14	23.08	23.20	24.00	17.14	17.08	17.20	18.00
EDGE 3 Tx slots	21.35	21.54	21.55	22.50	17.09	17.28	17.29	18.24
EDGE 4 Tx slots	20.07	20.00	19.90	21.00	17.07	17.00	16.90	18.00

Band	WCDMA II_Ant13			Tune-up Limit (dBm)	WCDMA IV_Ant13			Tune-up Limit (dBm)	WCDMA V_Ant13			Tune-up Limit (dBm)	
	Tx Channel	9262	9400		9538	1312	1413		1513	4132	4182		4233
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	19.86	20.00	20.07	21.30	19.96	20.10	20.00	21.30	23.04	22.88	23.03	24.30
3GPP Rel 99	RMC 12.2Kbps	20.11	20.12	19.98	21.30	20.10	20.11	19.94	21.30	23.09	23.10	23.05	24.30
3GPP Rel 6	HSDPA Subtest-1	18.92	18.97	19.01	20.10	19.19	19.02	19.08	20.10	21.99	22.05	22.07	23.10
3GPP Rel 6	HSDPA Subtest-2	19.00	18.99	19.15	20.10	19.14	19.22	19.06	20.10	21.88	21.97	21.92	23.10
3GPP Rel 6	HSDPA Subtest-3	18.51	18.45	18.68	19.60	18.61	18.73	18.62	19.60	21.39	21.50	21.45	22.60
3GPP Rel 6	HSDPA Subtest-4	18.54	18.44	18.60	19.60	18.54	18.73	18.62	19.60	21.37	21.48	21.44	22.60
3GPP Rel 6	DC-HSDPA Subtest-1	18.82	18.73	18.95	20.10	19.06	18.92	19.06	20.10	21.97	21.93	21.94	23.10
3GPP Rel 6	DC-HSDPA Subtest-2	18.91	18.98	19.07	20.10	19.13	19.10	19.02	20.10	21.83	21.94	21.85	23.10
3GPP Rel 6	DC-HSDPA Subtest-3	18.37	18.46	18.55	19.60	18.54	18.63	18.62	19.60	21.25	21.35	21.37	22.60
3GPP Rel 6	DC-HSDPA Subtest-4	18.48	18.33	18.55	19.60	18.58	18.62	18.55	19.60	21.36	21.38	21.32	22.60
3GPP Rel 6	HSUPA Subtest-1	19.02	18.94	19.02	20.10	18.96	19.12	18.96	20.10	21.80	21.92	21.91	23.30
3GPP Rel 6	HSUPA Subtest-2	16.92	16.93	17.13	18.10	16.99	17.21	17.07	18.10	19.97	20.04	19.91	21.30
3GPP Rel 6	HSUPA Subtest-3	17.98	17.97	18.07	19.10	18.05	18.24	17.96	19.10	20.90	20.94	20.94	22.30
3GPP Rel 6	HSUPA Subtest-4	17.07	16.98	17.02	18.10	17.09	17.20	16.98	18.10	19.98	19.96	20.09	21.30
3GPP Rel 6	HSUPA Subtest-5	16.94	16.90	19.03	20.10	19.04	19.20	18.91	20.10	21.80	21.90	22.00	23.00

Band	WCDMA II_Ant13			Tune-up Limit (dBm)	WCDMA IV_Ant13			Tune-up Limit (dBm)	WCDMA V_Ant13			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	17.07	16.99	17.15	18.50	19.58	19.62	19.59	21.00	21.48	21.45	21.39	23.00
3GPP Rel 99	RMC 12.2Kbps	16.98	17.17	17.01	18.50	19.49	19.65	19.48	21.00	21.37	21.59	21.41	23.00
3GPP Rel 6	HSDPA Subtest-1	15.95	15.93	16.04	17.30	16.45	16.36	16.52	19.80	20.52	20.54	20.47	21.80
3GPP Rel 6	HSDPA Subtest-2	16.14	16.08	16.09	17.30	16.43	16.47	16.54	19.80	20.52	20.36	20.38	21.80
3GPP Rel 6	HSDPA Subtest-3	15.59	15.48	15.73	16.80	17.93	18.05	18.00	19.30	19.92	19.99	19.96	21.30
3GPP Rel 6	HSDPA Subtest-4	15.59	15.55	15.69	16.80	17.94	18.04	17.97	19.30	19.91	19.93	19.98	21.30
3GPP Rel 6	DC-HSDPA Subtest-1	15.92	15.73	15.85	17.30	16.38	16.34	16.29	19.80	20.45	20.59	20.52	21.80
3GPP Rel 6	DC-HSDPA Subtest-2	16.05	16.00	15.99	17.30	16.48	16.47	16.34	19.80	20.37	20.33	20.25	21.80
3GPP Rel 6	DC-HSDPA Subtest-3	15.49	15.47	15.60	16.80	17.84	17.89	17.96	19.30	19.89	19.83	19.98	21.30
3GPP Rel 6	DC-HSDPA Subtest-4	15.51	15.55	15.52	16.80	17.79	18.02	17.85	19.30	19.82	19.87	19.87	21.30
3GPP Rel 6	HSUPA Subtest-1	16.00	16.05	16.04	17.30	16.49	16.59	16.48	19.80	20.50	20.54	20.44	22.00
3GPP Rel 6	HSUPA Subtest-2	14.08	13.91	14.13	15.30	16.65	16.63	16.39	17.80	18.38	18.51	18.51	20.00
3GPP Rel 6	HSUPA Subtest-3	15.01	15.00	15.13	16.30	17.61	17.50	17.46	18.80	19.40	19.40	19.47	21.00
3GPP Rel 6	HSUPA Subtest-4	14.07	13.96	14.09	15.30	16.67	16.62	16.45	17.80	18.52	18.63	18.47	20.00
3GPP Rel 6	HSUPA Subtest-5	16.07	16.03	16.13	17.30	16.57	16.64	16.46	19.80	20.44	20.38	20.46	21.70

GSM850_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.74	31.69	31.81	32.70	22.74	22.69	22.81	23.70
GPRS 1 Tx slot	31.74	31.60	31.64	32.70	22.74	22.60	22.64	23.70
GPRS 2 Tx slots	30.15	30.20	30.19	31.00	24.15	24.20	24.19	25.00
GPRS 3 Tx slots	27.88	27.92	27.91	29.00	23.62	23.66	23.65	24.74
GPRS 4 Tx slots	26.12	26.03	26.16	27.00	23.12	23.03	23.16	24.00
EDGE 1 Tx slot	25.97	25.84	25.85	27.00	16.97	16.84	16.85	18.00
EDGE 2 Tx slots	24.33	24.27	24.34	25.50	18.33	18.27	18.34	19.50
EDGE 3 Tx slots	22.27	22.12	22.18	23.50	18.01	17.86	17.92	19.24
EDGE 4 Tx slots	20.53	20.56	20.55	21.80	17.53	17.56	17.55	18.80

GSM1900_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.35	29.40	29.45	30.50	20.35	20.40	20.45	21.50
GPRS 1 Tx slot	29.32	29.30	29.35	30.50	20.32	20.30	20.35	21.50
GPRS 2 Tx slots	26.21	26.32	26.20	27.50	20.21	20.32	20.20	21.50
GPRS 3 Tx slots	23.01	23.21	23.43	24.10	18.75	18.95	19.17	19.84
GPRS 4 Tx slots	23.41	23.38	23.57	24.30	20.41	20.38	20.57	21.30
EDGE 1 Tx slot	25.01	25.15	25.31	26.50	16.01	16.15	16.31	17.50
EDGE 2 Tx slots	23.34	23.42	23.73	24.20	17.34	17.42	17.73	18.20
EDGE 3 Tx slots	21.18	21.24	21.60	22.30	16.92	16.98	17.34	18.04
EDGE 4 Tx slots	19.85	20.10	20.23	21.00	16.85	17.10	17.23	18.00



Band 5_Ant31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 520	Power Middle Ch. / Freq. 20525	Power High Ch. / Freq. 83635	Tune-up limit (dBm)	MPR (dB)	
Channel				520	83635	20525	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				520	83635	20525			
10	QPSK	1	0	22.19	22.11	22.27	23.8	0	
10	QPSK	1	25	22.42	22.66	22.60			
10	QPSK	1	49	22.13	22.21	22.22			
10	QPSK	25	0	21.40	21.58	21.51	22.8	1	
10	QPSK	25	12	21.45	21.47	21.58			
10	QPSK	25	25	21.42	21.51	21.57			
10	QPSK	50	0	21.47	21.62	21.61	22.8	1	
10	16QAM	1	0	21.23	21.34	21.51			
10	16QAM	1	25	21.61	21.59	21.61			
10	16QAM	1	49	21.13	21.32	21.37	21.8	2	
10	16QAM	25	0	20.34	20.34	20.28			
10	16QAM	25	12	20.49	20.36	20.82			
10	16QAM	25	25	20.54	20.67	20.42	21.8	2	
10	16QAM	50	0	20.52	20.50	20.68			
10	64QAM	1	0	20.30	20.42	20.50			
10	64QAM	1	25	20.85	20.38	20.70	21.8	2	
10	64QAM	1	49	20.42	20.38	20.48			
10	64QAM	25	0	19.55	19.42	19.62			
10	64QAM	25	12	19.65	19.53	19.71	20.8	3	
10	64QAM	25	25	19.53	19.47	19.51			
10	64QAM	50	0	19.49	19.41	19.75			
Channel				20525	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				83635	83635	84635			
5	QPSK	1	0	22.19	22.06	22.27	23.8	0	
5	QPSK	1	12	22.48	22.50	22.52			
5	QPSK	1	24	22.00	22.08	22.04			
5	QPSK	12	0	21.28	21.49	21.39	22.8	1	
5	QPSK	12	7	21.33	21.39	21.44			
5	QPSK	12	13	21.26	21.38	21.41			
5	QPSK	25	0	21.40	21.22	21.54	22.8	1	
5	16QAM	1	0	21.19	21.22	21.47			
5	16QAM	1	12	21.48	21.52	21.48			
5	16QAM	1	24	21.08	21.18	21.32	21.8	2	
5	16QAM	12	0	20.33	20.27	20.27			
5	16QAM	12	7	20.42	20.34	20.75			
5	16QAM	12	13	20.48	20.57	20.36	21.8	2	
5	16QAM	25	0	20.47	20.47	20.63			
5	64QAM	1	0	20.22	20.38	20.42			
5	64QAM	1	12	20.83	20.38	20.68	21.8	2	
5	64QAM	1	24	20.28	20.25	20.35			
5	64QAM	12	0	19.52	19.34	19.59			
5	64QAM	12	7	19.53	19.41	19.59	20.8	3	
5	64QAM	12	13	19.46	19.38	19.38			
5	64QAM	25	0	19.45	19.40	19.71			
Channel				20615	20625	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				84635	83635	8475			
3	QPSK	1	0	22.05	22.10	22.13	23.8	0	
3	QPSK	1	8	22.28	22.53	22.44			
3	QPSK	1	14	22.06	22.04	22.15			
3	QPSK	8	0	21.23	21.39	21.34	22.8	1	
3	QPSK	8	4	21.31	21.28	21.42			
3	QPSK	8	7	21.32	21.51	21.47			
3	QPSK	15	0	21.43	21.54	21.57	22.8	1	
3	16QAM	1	0	21.04	21.23	21.32			
3	16QAM	1	8	21.07	21.50	21.57			
3	16QAM	1	14	21.02	21.24	21.20	21.8	2	
3	16QAM	8	0	20.28	20.17	20.22			
3	16QAM	8	4	20.44	20.17	20.77			
3	16QAM	8	7	20.38	20.53	20.26	21.8	2	
3	16QAM	15	0	20.40	20.47	20.56			
3	16QAM	1	0	20.14	20.41	20.34			21.8
3	64QAM	1	5	20.82	20.40	20.67			
3	64QAM	1	14	20.39	20.25	20.46			
3	64QAM	8	0	19.52	19.28	19.59	20.8	3	
3	64QAM	8	4	19.48	19.38	19.54			
3	64QAM	8	7	19.40	19.36	19.38			
3	64QAM	15	0	19.34	19.31	19.60	20.8	3	
Channel				20607	20625	20683			
Frequency (MHz)				83635	83635	84633			
1.4	QPSK	1	0	22.15	22.06	22.23	23.8	0	
1.4	QPSK	1	3	22.52	22.48	22.58			
1.4	QPSK	1	5	22.20	22.18	22.06			
1.4	QPSK	3	0	22.26	22.39	22.37	22.8	1	
1.4	QPSK	3	1	22.44	22.34	22.55			
1.4	QPSK	3	3	22.40	22.24	22.25			
1.4	QPSK	6	0	21.41	21.43	21.55	21.8	1	
1.4	16QAM	1	0	21.10	21.32	21.38			
1.4	16QAM	1	3	21.51	21.41	21.51			
1.4	16QAM	1	5	21.20	21.18	21.21	22.8	1	
1.4	16QAM	3	0	21.17	21.17	21.11			
1.4	16QAM	3	1	21.31	21.36	21.64			
1.4	16QAM	3	1	21.51	21.51	21.51	21.8	2	
1.4	16QAM	6	0	20.41	20.31	20.57			
1.4	64QAM	1	0	20.16	20.25	20.36			
1.4	64QAM	1	3	20.68	20.34	20.53	21.8	2	
1.4	64QAM	1	5	20.23	20.25	20.30			
1.4	64QAM	3	0	20.36	20.38	20.43			
1.4	64QAM	3	1	20.46	20.46	20.52	20.8	3	
1.4	64QAM	3	3	20.35	20.35	20.33			
1.4	64QAM	6	0	19.44	19.28	19.70			



Band 7_Ant13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.04	18.13	18.05	19	0
20	QPSK	1	49	18.30	18.50	18.40		
20	QPSK	1	99	17.82	17.96	17.89		
20	QPSK	50	0	18.13	18.16	18.11	19	0
20	QPSK	50	24	18.09	18.10	18.15		
20	QPSK	50	50	17.96	18.11	18.07		
20	QPSK	100	0	17.95	18.06	18.03	19	0
20	16QAM	1	0	17.64	17.83	17.72		
20	16QAM	1	49	17.99	18.00	18.00		
20	16QAM	1	99	17.64	17.86	17.79	19	0
20	16QAM	50	0	18.10	18.15	18.12		
20	16QAM	50	24	18.16	18.22	18.08		
20	16QAM	50	50	18.20	18.21	18.13	19	0
20	16QAM	100	0	18.08	18.09	17.91		
20	16QAM	1	0	18.18	18.29	18.15		
20	84QAM	1	49	18.44	18.45	18.44	19	0
20	84QAM	1	99	18.01	18.10	18.09		
20	84QAM	50	0	17.91	18.09	18.07		
20	84QAM	50	24	18.08	18.14	18.12	19	0
20	84QAM	50	50	17.93	18.07	17.96		
20	84QAM	100	0	17.85	17.95	17.93		
Channel				20850	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.85	17.98	17.86	19	0
15	QPSK	1	37	18.12	18.39	18.22		
15	QPSK	1	74	17.90	17.82	17.87		
15	QPSK	36	0	17.93	18.02	18.05	19	0
15	QPSK	36	20	17.90	18.16	17.96		
15	QPSK	36	39	17.86	17.95	17.97		
15	QPSK	75	0	17.82	17.97	17.90	19	0
15	16QAM	1	0	17.62	17.77	17.70		
15	16QAM	1	37	17.81	17.89	17.82		
15	16QAM	1	74	17.70	17.82	17.65	19	0
15	16QAM	36	0	18.04	18.11	18.06		
15	16QAM	36	20	18.08	18.16	18.00		
15	16QAM	36	39	18.20	18.09	18.13	19	0
15	16QAM	75	0	18.07	18.01	17.90		
15	84QAM	1	0	18.15	18.12	18.12		
15	84QAM	1	37	18.32	18.35	18.32	19	0
15	84QAM	1	74	17.88	17.97	17.96		
15	84QAM	36	0	17.73	17.88	17.89		
15	84QAM	36	20	17.95	18.07	17.99	19	0
15	84QAM	36	39	17.75	17.92	17.79		
15	84QAM	75	0	17.82	17.76	17.90		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.94	18.04	17.95	19	0
10	QPSK	1	25	18.26	18.42	18.36		
10	QPSK	1	49	17.75	17.95	17.72		
10	QPSK	25	0	17.86	17.93	17.98	19	0
10	QPSK	25	12	18.08	18.12	18.14		
10	QPSK	25	25	17.89	17.94	18.00		
10	QPSK	50	0	17.94	18.03	18.02	19	0
10	16QAM	1	0	17.53	17.67	17.61		
10	16QAM	1	25	17.99	17.99	18.00		
10	16QAM	1	49	17.82	17.80	17.77	19	0
10	16QAM	25	0	18.06	18.02	18.08		
10	16QAM	25	12	18.16	18.06	18.08		
10	16QAM	25	25	18.12	18.08	18.05	19	0
10	16QAM	50	0	17.95	17.95	17.78		
10	84QAM	1	0	18.07	18.10	18.04		
10	84QAM	1	25	18.34	18.37	18.34	19	0
10	84QAM	1	49	17.94	18.04	18.02		
10	84QAM	25	0	17.85	18.03	18.01		
10	84QAM	25	12	17.94	17.95	17.98	19	0
10	84QAM	25	25	17.80	18.02	17.83		
10	84QAM	50	0	17.74	17.86	17.82		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.02	18.07	18.03	19	0
5	QPSK	1	12	18.17	18.48	18.27		
5	QPSK	1	24	17.80	17.85	17.77		
5	QPSK	12	0	17.88	18.00	18.00	19	0
5	QPSK	12	7	18.08	18.10	18.14		
5	QPSK	12	13	17.83	18.02	17.94		
5	QPSK	25	0	17.89	17.97	17.97	19	0
5	16QAM	1	0	17.52	17.64	17.60		
5	16QAM	1	12	17.85	17.87	17.86		
5	16QAM	1	24	17.77	17.81	17.72	19	0
5	16QAM	12	0	17.95	18.09	17.97		
5	16QAM	12	7	17.99	18.04	17.91		
5	16QAM	12	13	18.13	18.21	18.06	19	0
5	16QAM	25	0	18.02	17.94	17.85		
5	84QAM	1	0	18.00	18.19	17.97		
5	84QAM	1	12	18.39	18.40	18.39	19	0
5	84QAM	1	24	17.94	18.01	18.02		
5	84QAM	12	0	17.82	18.07	17.98		
5	84QAM	12	7	17.96	18.10	18.00	19	0
5	84QAM	12	13	17.74	18.01	17.77		
5	84QAM	25	0	17.79	17.90	17.87		

Band 7_Ant31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.83	16.91	16.98	17.7	0
20	QPSK	1	49	17.10	17.24	17.15		
20	QPSK	1	99	16.94	17.06	16.94		
20	QPSK	50	0	16.89	16.92	16.90	17.7	0
20	QPSK	50	24	16.86	16.90	16.85		
20	QPSK	50	50	16.85	16.89	16.73		
20	QPSK	100	0	16.87	16.89	16.71	17.7	0
20	16QAM	1	0	16.53	16.65	16.51		
20	16QAM	1	49	16.72	16.73	16.62		
20	16QAM	1	99	16.45	16.51	16.40	17.7	0
20	16QAM	50	0	16.88	17.02	16.99		
20	16QAM	50	24	16.96	17.01	16.98		
20	16QAM	50	50	16.93	16.98	16.84	17.7	0
20	16QAM	100	0	16.92	16.94	16.81		
20	84QAM	1	0	16.72	16.80	16.80		
20	84QAM	1	49	17.03	17.13	17.12	17.7	0
20	84QAM	1	99	16.72	16.88	16.70		
20	84QAM	50	0	16.84	16.91	16.74		
20	84QAM	50	24	16.90	17.00	16.97	17.7	0
20	84QAM	50	50	16.81	16.97	16.86		
20	84QAM	100	0	16.92	17.04	16.85		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.75	16.91	16.90	17.7	0
15	QPSK	1	37	17.03	17.16	17.08		
15	QPSK	1	74	16.86	17.02	16.86		
15	QPSK	36	0	16.75	16.83	16.76	17.7	0
15	QPSK	36	20	16.73	16.79	16.72		
15	QPSK	36	39	16.67	16.70	16.55		
15	QPSK	75	0	16.69	16.80	16.53	17.7	0
15	16QAM	1	0	16.53	16.49	16.51		
15	16QAM	1	37	16.71	16.56	16.61		
15	16QAM	1	74	16.28	16.46	16.23	17.7	0
15	16QAM	36	0	16.84	16.88	16.95		
15	16QAM	36	20	16.88	16.92	16.90		
15	16QAM	36	39	16.83	16.92	16.74	17.7	0
15	16QAM	75	0	16.79	16.80	16.68		
15	84QAM	1	0	16.72	16.66	16.80		
15	84QAM	1	37	16.93	17.04	17.02	17.7	0
15	84QAM	1	74	16.63	16.85	16.61		
15	84QAM	36	0	16.81	16.80	16.71		
15	84QAM	36	20	16.87	16.82	16.94	17.7	0
15	84QAM	36	39	16.76	16.84	16.81		
15	84QAM	75	0	16.84	16.89	16.77		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.79	16.74	16.94	17.7	0
10	QPSK	1	25	17.00	17.23	17.05		
10	QPSK	1	49	16.91	16.94	16.91		
10	QPSK	25	0	16.86	16.87	16.87	17.7	0
10	QPSK	25	12	16.67	16.87	16.66		
10	QPSK	25	25	16.70	16.84	16.58		
10	QPSK	50	0	16.81	16.77	16.65	17.7	0
10	16QAM	1	0	16.47	16.53	16.45		
10	16QAM	1	25	16.58	16.68	16.48		
10	16QAM	1	49	16.43	16.32	16.38	17.7	0
10	16QAM	25	0	16.87	16.89	16.98		
10	16QAM	25	12	16.79	17.01	16.81		
10	16QAM	25	25	16.84	16.94	16.75	17.7	0
10	16QAM	50	0	16.91	16.91	16.80		
10	84QAM	1	0	16.72	16.77	16.80		
10	84QAM	1	25	17.00	16.91	17.09	17.7	0
10	84QAM	1	49	16.62	16.69	16.60		
10	84QAM	25	0	16.79	16.91	16.69		
10	84QAM	25	12	16.78	16.93	16.85	17.7	0
10	84QAM	25	25	16.67	16.80	16.72		
10	84QAM	50	0	16.82	17.02	16.75		
Channel				20775	21000	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.75	16.75	16.90	17.7	0
5	QPSK	1	12	16.91	17.16	16.96		
5	QPSK	1	24	16.79	17.03	16.79		
5	QPSK	12	0	16.72	16.80	16.73	17.7	0
5	QPSK	12	7	16.69	16.85	16.68		
5	QPSK	12	14	16.70	16.75	16.58		
5	QPSK	25	0	16.86	16.75	16.70	17.7	0
5	16QAM	1	0	16.51	16.49	16.49		
5	16QAM	1	12	16.64	16.56	16.54		
5	16QAM	1	24	16.39	16.39	16.32	17.7	0
5	16QAM	12	0	16.77	16.97	16.88		
5	16QAM	12	7	16.70	16.93	16.92		
5	16QAM	12	13	16.82	16.89	16.73	17.7	0
5	16QAM	25	0	16.94	16.92	16.83		
5	84QAM	1	0	16.62	16.72	16.70		
5	84QAM	1	12	17.03	17.06	17.12	17.7	0
5	84QAM	1	24	16.63	16.82	16.61		
5	84QAM	12	0	16.72	16.83	16.62		
5	84QAM	12	7	16.72	16.81	16.72	17.7	0
5	84QAM	12	13	16.71	16.93	16.79		
5	84QAM	25	0	16.82	16.91	16.75		



Band 13_Ant31

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				22095	23230	23295	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				782				
10	QPSK	1	0	21.58			23.3	0
10	QPSK	1	25	21.92				
10	QPSK	1	49	21.83				
10	QPSK	25	0	20.99			22.3	1
10	QPSK	25	12	20.85				
10	QPSK	25	25	20.93				
10	QPSK	50	0	20.96			22.3	1
10	16QAM	1	0	21.03				
10	16QAM	1	25	20.99				
10	16QAM	1	49	20.95			21.3	2
10	16QAM	25	0	19.95				
10	16QAM	25	12	20.08				
10	16QAM	25	25	19.92			21.3	2
10	16QAM	50	0	20.05				
10	64QAM	1	0	19.88				
10	64QAM	1	25	19.96			21.3	2
10	64QAM	1	49	19.98				
10	64QAM	25	0	18.94				
10	64QAM	25	12	18.80			20.3	3
10	64QAM	25	25	18.86				
10	64QAM	50	0	18.96				
Channel				22095	23230	23295	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				772.5	782	784.5		
5	QPSK	1	0	21.64	21.55	21.57	23.3	0
5	QPSK	1	12	21.83	21.79	21.75		
5	QPSK	1	24	21.75	21.82	21.72		
5	QPSK	12	0	20.85	20.86	20.80	22.3	1
5	QPSK	12	7	20.96	20.89	20.91		
5	QPSK	12	13	21.00	21.05	20.93		
5	QPSK	25	0	20.97	20.91	21.04	22.3	1
5	16QAM	1	0	21.06	21.05	20.96		
5	16QAM	1	12	20.91	20.98	20.86		
5	16QAM	1	24	20.58	20.60	20.57	21.3	2
5	16QAM	12	0	19.96	19.90	19.91		
5	16QAM	12	7	19.99	20.01	20.05		
5	16QAM	12	13	20.01	20.06	19.99	20.3	3
5	16QAM	25	0	19.99	20.06	19.90		
5	64QAM	1	0	19.87	19.94	19.84		
5	64QAM	1	12	20.07	20.08	20.12	21.3	2
5	64QAM	1	24	20.05	19.95	20.09		
5	64QAM	12	0	18.88	19.06	18.97		
5	64QAM	12	7	18.87	18.86	18.80	20.3	3
5	64QAM	12	13	18.84	18.99	18.93		
5	64QAM	25	0	19.05	18.92	18.99		

Band 26_Ant13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.83	22.61	22.99	24	0
15	QPSK	1	37	23.22	23.28	23.25		
15	QPSK	1	74	23.05	22.76	23.01		
15	QPSK	36	0	21.91	22.15	22.08	23	1
15	QPSK	36	20	21.99	21.94	22.10		
15	QPSK	36	39	22.03	22.04	22.10		
15	QPSK	75	0	22.03	22.05	22.00	23	1
15	16QAM	1	0	21.79	21.70	21.80		
15	16QAM	1	37	22.08	22.00	22.15		
15	16QAM	1	74	21.56	21.86	21.85	22	2
15	16QAM	36	0	20.72	20.76	20.95		
15	16QAM	36	20	20.87	20.82	21.10		
15	16QAM	36	39	20.82	20.96	21.01	22	2
15	16QAM	75	0	21.01	20.97	20.95		
15	64QAM	1	0	20.90	20.83	21.24		
15	64QAM	1	37	20.86	21.13	21.20	22	2
15	64QAM	1	74	20.97	21.00	20.94		
15	64QAM	36	0	20.00	19.93	20.06		
15	64QAM	36	20	19.99	20.00	20.21	21	3
15	64QAM	36	39	20.08	20.06	19.96		
15	64QAM	75	0	19.96	20.09	20.36		
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				810	831.5	844	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.74	22.59	22.90		
10	QPSK	1	25	23.13	23.10	23.16		
10	QPSK	1	49	22.90	22.62	22.86		
10	QPSK	25	0	21.73	22.02	21.90	23	1
10	QPSK	25	12	21.94	21.88	22.05		
10	QPSK	25	25	21.97	21.80	22.04		
10	QPSK	50	0	21.03	21.04	22.00	23	1
10	16QAM	1	0	21.60	21.63	21.81		
10	16QAM	1	25	21.97	21.95	22.04		
10	16QAM	1	49	21.53	21.73	21.82	22	2
10	16QAM	25	0	20.53	20.63	20.76		
10	16QAM	25	12	20.87	20.72	21.10		
10	16QAM	25	25	20.66	20.86	20.84	22	2
10	16QAM	50	0	21.01	20.97	20.95		
10	64QAM	1	0	20.80	20.73	21.14		
10	64QAM	1	25	20.87	21.05	21.19	22	2
10	64QAM	1	49	20.79	20.91	20.76		
10	64QAM	25	0	19.85	19.83	19.91		
10	64QAM	25	12	19.91	19.86	19.93	21	3
10	64QAM	25	25	19.98	20.00	19.96		
10	64QAM	50	0	19.80	20.06	20.20		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.75	22.46	22.91		
5	QPSK	1	12	23.09	23.11	23.12		
5	QPSK	1	24	22.91	22.62	22.87		
5	QPSK	12	0	21.73	22.10	21.90	23	1
5	QPSK	12	7	21.83	21.82	21.94		
5	QPSK	12	13	21.84	21.88	21.91		
5	QPSK	25	0	22.02	21.91	21.99	23	1
5	16QAM	1	0	21.68	21.61	21.69		
5	16QAM	1	12	22.01	21.81	22.08		
5	16QAM	1	24	21.50	21.80	21.79	22	2
5	16QAM	12	0	20.57	20.69	20.80		
5	16QAM	12	7	20.69	20.65	20.92		
5	16QAM	12	13	20.81	20.88	21.00	22	2
5	16QAM	25	0	20.93	20.90	20.87		
5	64QAM	1	0	20.73	20.78	21.07		
5	64QAM	1	12	20.70	21.12	21.02	22	2
5	64QAM	1	24	20.95	20.82	20.92		
5	64QAM	12	0	19.89	19.86	19.95		
5	64QAM	12	7	19.73	19.86	20.05	21	3
5	64QAM	12	13	20.00	19.93	19.88		
5	64QAM	25	0	19.94	20.00	20.34		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.64	22.49	22.80		
3	QPSK	1	8	23.15	23.11	23.18		
3	QPSK	1	14	22.93	22.66	22.89		
3	QPSK	8	0	21.73	22.05	21.90	23	1
3	QPSK	8	4	21.90	21.76	22.01		
3	QPSK	8	7	21.93	21.96	22.00		
3	QPSK	15	0	21.87	21.96	21.84	23	1
3	16QAM	1	0	21.65	21.59	21.66		
3	16QAM	1	8	22.02	21.83	22.09		
3	16QAM	1	14	21.49	21.75	21.78	22	2
3	16QAM	8	0	20.70	20.59	20.93		
3	16QAM	8	4	20.72	20.70	20.95		
3	16QAM	8	7	20.65	20.90	20.84	22	2
3	16QAM	15	0	20.85	20.81	20.79		
3	64QAM	1	0	20.76	20.77	21.10		
3	64QAM	1	8	20.83	21.03	21.15	22	2
3	64QAM	1	14	20.95	20.96	20.92		
3	64QAM	8	0	19.96	19.88	20.02		
3	64QAM	8	4	19.75	20.00	20.07	21	3
3	64QAM	8	7	19.93	19.89	19.81		
3	64QAM	15	0	19.77	20.07	20.17		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.82	22.51	22.98		
1.4	QPSK	1	3	23.06	23.20	23.09		
1.4	QPSK	1	5	22.89	22.74	22.85	24	0
1.4	QPSK	3	0	22.79	23.08	22.96		
1.4	QPSK	3	1	22.93	22.89	23.04		
1.4	QPSK	3	3	23.02	22.94	23.09	23	1
1.4	QPSK	6	0	21.94	21.94	21.91		
1.4	16QAM	1	0	21.68	21.56	21.69		
1.4	16QAM	1	3	21.89	21.86	21.96	23	1
1.4	16QAM	1	5	21.51	21.78	21.80		
1.4	16QAM	3	0	21.59	21.72	21.82		
1.4	16QAM	3	1	21.79	21.71	22.02	22	2
1.4	16QAM	3	3	21.63	21.91	21.82		
1.4	64QAM	6	0	20.92	20.88	20.86		
1.4	64QAM	1	0	20.71	20.74	21.05	22	2
1.4	64QAM	1	3	20.85	21.12	21.03		
1.4	64QAM	1	5	20.82	20.90	20.79		
1.4	64QAM	3	0	20.97	20.91	21.13	22	2
1.4	64QAM	3	1	20.87	20.80	21.19		
1.4	64QAM	3	3	21.08	21.02	20.96		
1.4	64QAM	6	0	19.83	19.98	20.23	21	3

Band 66_Ant13									
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				132017	132022	132027			
Frequency (MHz)				1740	1745	1750			
20	QPSK	1	0	19.01	19.34	19.01	20	0	
20	QPSK	1	49	19.30	19.40	19.25			
20	QPSK	1	99	19.11	19.15	19.09			
20	QPSK	50	0	19.17	19.26	19.20	20	0	
20	QPSK	50	24	19.09	19.19	19.15			
20	QPSK	50	50	19.06	19.22	19.12			
20	QPSK	100	0	18.98	19.11	18.98	20	0	
20	16QAM	1	0	18.91	18.93	18.78			
20	16QAM	1	49	18.97	19.03	19.03			
20	16QAM	1	99	18.85	19.02	18.95	20	0	
20	16QAM	50	0	19.23	19.32	19.31			
20	16QAM	50	24	19.20	19.29	19.26			
20	16QAM	50	50	19.05	19.23	19.07	20	0	
20	16QAM	100	0	19.04	19.22	19.09			
20	64QAM	1	0	18.99	19.18	19.17	20	0	
20	64QAM	1	49	19.19	19.37	19.25			
20	64QAM	1	99	19.01	19.15	19.12			
20	64QAM	50	0	19.22	19.26	19.11	20	0	
20	64QAM	50	24	19.16	19.23	19.13			
20	64QAM	50	50	19.05	19.21	19.03			
20	64QAM	100	0	19.10	19.12	19.07	Tune-up limit (dBm)	MPR (dB)	
Channel				132047	132052	132057			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	18.89	19.19	18.89	20	0	
15	QPSK	1	37	19.15	19.36	19.10			
15	QPSK	1	74	18.93	19.08	18.91			
15	QPSK	36	0	19.11	19.10	19.14	20	0	
15	QPSK	36	20	19.04	19.04	19.10			
15	QPSK	36	39	18.95	19.21	19.01			
15	QPSK	75	0	18.86	19.00	18.86	20	0	
15	16QAM	1	0	18.87	18.82	18.74			
15	16QAM	1	37	18.82	18.89	18.88			
15	16QAM	1	74	18.76	18.94	18.86	20	0	
15	16QAM	36	0	19.09	19.19	19.17			
15	16QAM	36	20	19.20	19.29	19.26			
15	16QAM	36	39	19.20	19.14	19.03	20	0	
15	16QAM	75	0	18.93	19.16	18.98			
15	64QAM	1	0	18.82	19.01	19.00			
15	64QAM	1	37	19.19	19.27	19.25	20	0	
15	64QAM	1	74	18.89	18.96	19.00			
15	64QAM	36	0	19.16	19.08	19.05			
15	64QAM	36	20	19.10	19.26	19.07	20	0	
15	64QAM	36	39	18.96	19.05	18.94			
15	64QAM	75	0	19.02	18.96	18.99			
Channel				132022	132022	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	18.84	19.15	18.84			
10	QPSK	1	25	19.17	19.30	19.12	20	0	
10	QPSK	1	49	19.08	19.15	19.06			
10	QPSK	25	0	19.06	19.12	19.09			
10	QPSK	25	12	18.98	19.02	19.04	20	0	
10	QPSK	25	25	18.91	19.16	18.97			
10	QPSK	50	0	18.89	18.94	18.89			
10	16QAM	1	0	18.84	18.84	18.71	20	0	
10	16QAM	1	25	18.92	18.84	18.98			
10	16QAM	1	49	18.75	18.95	18.86			
10	16QAM	25	0	19.08	19.30	19.16	20	0	
10	16QAM	25	12	19.13	19.13	19.19			
10	16QAM	25	25	19.03	19.20	19.05			
10	16QAM	50	0	19.00	19.11	19.05	20	0	
10	64QAM	1	0	18.86	19.11	19.04			
10	64QAM	1	25	19.06	19.20	19.12			
10	64QAM	1	49	19.01	18.96	19.12	20	0	
10	64QAM	25	0	19.08	19.09	18.97			
10	64QAM	25	12	18.99	19.10	18.96			
10	64QAM	25	25	18.99	19.18	18.97	Tune-up limit (dBm)	MPR (dB)	
10	64QAM	50	0	18.93	19.04	18.90			
Channel				131997	132022	132657			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	18.90	19.24	18.90	20	0	
5	QPSK	1	12	19.15	19.28	19.10			
5	QPSK	1	24	18.93	19.08	18.91			
5	QPSK	12	0	19.03	19.15	19.06	20	0	
5	QPSK	12	7	19.00	19.17	19.06			
5	QPSK	12	13	19.04	19.18	19.10			
5	QPSK	25	0	18.84	18.92	18.84	20	0	
5	16QAM	1	0	18.87	18.82	18.74			
5	16QAM	1	12	18.80	18.92	18.86			
5	16QAM	1	24	18.79	19.00	18.89	20	0	
5	16QAM	12	0	19.05	19.26	19.13			
5	16QAM	12	7	19.17	19.16	19.23			
5	16QAM	12	13	18.94	19.12	18.96	20	0	
5	16QAM	25	0	18.86	19.03	18.91			
5	64QAM	1	0	18.91	19.04	19.09			
5	64QAM	1	12	19.12	19.24	19.18	20	0	
5	64QAM	1	24	18.88	19.15	18.99			
5	64QAM	12	0	19.19	19.16	19.08			
5	64QAM	12	7	19.10	19.13	19.07	20	0	
5	64QAM	12	13	19.03	19.02	19.01			
5	64QAM	25	0	19.06	19.10	19.03			
Channel				131987	132022	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	18.98	19.28	18.98			
3	QPSK	1	8	19.30	19.21	19.25	20	0	
3	QPSK	1	14	19.05	19.07	18.98			
3	QPSK	8	0	19.07	19.20	19.10			
3	QPSK	8	4	19.01	19.16	19.07	20	0	
3	QPSK	8	7	18.87	19.18	18.93			
3	QPSK	15	0	18.90	19.06	18.90			
3	16QAM	1	0	18.75	18.80	18.62	20	0	
3	16QAM	1	8	18.88	19.00	18.94			
3	16QAM	1	14	18.75	18.88	18.86			
3	16QAM	8	0	19.09	19.13	19.17	20	0	
3	16QAM	8	4	19.02	19.26	19.08			
3	16QAM	8	7	19.03	19.10	19.05			
3	16QAM	15	0	18.90	19.12	18.95	20	0	
3	64QAM	1	0	18.95	18.99	19.13			
3	64QAM	1	8	19.04	19.28	19.10			
3	64QAM	1	14	18.89	19.00	19.00	20	0	
3	64QAM	8	0	19.17	19.23	19.06			
3	64QAM	8	4	19.14	19.18	19.11			
3	64QAM	8	7	18.93	19.05	18.91	Tune-up limit (dBm)	MPR (dB)	
3	64QAM	15	0	19.01	18.96	18.98			
Channel				131970	132022	132650			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	18.97	19.27	18.97	20	0	
1.4	QPSK	1	3	19.14	19.36	19.09			
1.4	QPSK	1	5	18.96	19.15	18.94			
1.4	QPSK	3	0	19.01	19.17	19.04	20	0	
1.4	QPSK	3	1	18.93	19.04	18.99			
1.4	QPSK	3	3	18.95	19.12	19.01			
1.4	QPSK	6	0	18.85	19.00	18.85	20	0	
1.4	16QAM	1	0	18.86	18.90	18.73			
1.4	16QAM	1	3	18.80	18.97	18.86			
1.4	16QAM	1	5	18.70	18.91	18.80	20	0	
1.4	16QAM	3	0	19.04	19.28	19.12			
1.4	16QAM	3	1	19.10	19.21	19.16			
1.4	16QAM	3	3	18.90	19.17	18.92	20	0	
1.4	16QAM	6	0	18.93	19.07	18.98			
1.4	64QAM	1	0	18.91	19.18	19.09			
1.4	64QAM	1	3	19.08	19.31	19.14	20	0	
1.4	64QAM	1	5	18.82	18.97	18.93			
1.4	64QAM	3	0	19.08	19.18	18.97			
1.4	64QAM	3	3	19.03	19.13	19.00	20	0	
1.4	64QAM	3	3	19.03	19.07	19.01			
1.4	64QAM	6	0	18.92	19.06	18.89			

Band 38_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	21.8	0	
Frequency (MHz)				2360	2395	2430			
20	QPSK	1	0	20.84	20.52	20.68			
20	QPSK	1	49	20.95	21.09	21.01			
20	QPSK	1	99	20.58	20.60	20.55	21.8	0	
20	QPSK	50	0	20.68	20.75	20.70			
20	QPSK	50	24	20.67	20.67	20.62			
20	QPSK	50	50	20.47	20.54	20.48			
20	QPSK	100	0	20.55	20.61	20.58	21.8	0	
20	16QAM	1	0	20.07	20.13	20.08			
20	16QAM	1	49	20.24	20.40	20.39			
20	16QAM	1	99	19.97	20.07	19.95			
20	16QAM	50	0	20.35	20.43	20.33	21.8	0	
20	16QAM	50	24	20.40	20.53	20.46			
20	16QAM	50	50	20.29	20.44	20.34			
20	16QAM	100	0	20.55	20.56	20.37			
20	64QAM	1	0	20.11	20.16	20.10	21.8	0	
20	64QAM	1	49	20.41	20.41	20.40			
20	64QAM	1	99	20.31	20.46	20.42			
20	64QAM	50	0	20.38	20.44	20.43			
20	64QAM	50	24	20.43	20.47	20.31	21.3	0.5	
20	64QAM	50	50	20.20	20.39	20.20			
20	64QAM	100	0	20.37	20.44	20.38			
Channel				37925	38000	38175	21.8	0	
Frequency (MHz)				2477.7	2495	2412.5			
15	QPSK	1	0	20.83	20.41	20.67			
15	QPSK	1	37	20.82	21.05	20.87			
15	QPSK	1	74	20.55	20.58	20.52	21.8	0	
15	QPSK	36	0	20.58	20.71	20.60			
15	QPSK	36	20	20.52	20.51	20.47			
15	QPSK	36	39	20.46	20.48	20.47			
15	QPSK	75	0	20.43	20.50	20.46	21.8	0	
15	16QAM	1	0	19.89	19.95	19.90			
15	16QAM	1	37	20.24	20.29	20.39			
15	16QAM	1	74	19.94	19.92	19.92			
15	16QAM	36	0	20.29	20.36	20.27	21.8	0	
15	16QAM	36	20	20.36	20.42	20.42			
15	16QAM	36	39	20.10	20.42	20.15			
15	16QAM	75	0	20.55	20.53	20.37			
15	64QAM	1	0	20.01	20.15	20.00	21.8	0	
15	64QAM	1	37	20.35	20.30	20.34			
15	64QAM	1	74	20.24	20.30	20.35			
15	64QAM	36	0	20.20	20.44	20.25			
15	64QAM	36	20	20.27	20.38	20.15	21.3	0.5	
15	64QAM	36	39	20.14	20.28	20.14			
15	64QAM	75	0	20.20	20.26	20.21			
Channel				37900	38000	38200	21.8	0	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	20.78	20.46	20.62			
10	QPSK	1	25	20.91	21.02	20.96			
10	QPSK	1	49	20.50	20.47	20.47	21.8	0	
10	QPSK	25	0	20.63	20.62	20.65			
10	QPSK	25	12	20.64	20.65	20.59			
10	QPSK	25	25	20.36	20.43	20.37			
10	QPSK	50	0	20.38	20.46	20.41	21.8	0	
10	16QAM	1	0	20.05	19.99	20.06			
10	16QAM	1	25	20.23	20.26	20.38			
10	16QAM	1	49	19.81	19.88	19.90			
10	16QAM	25	0	20.35	20.38	20.33	21.8	0	
10	16QAM	25	12	20.40	20.51	20.46			
10	16QAM	25	25	20.23	20.31	20.28			
10	16QAM	50	0	20.47	20.53	20.29			
10	64QAM	1	0	20.11	20.16	20.10	21.8	0	
10	64QAM	1	25	20.33	20.25	20.32			
10	64QAM	1	49	20.12	20.40	20.23			
10	64QAM	25	0	20.26	20.38	20.31			
10	64QAM	25	12	20.24	20.45	20.12	21.3	0.5	
10	64QAM	25	25	20.14	20.36	20.14			
10	64QAM	50	0	20.20	20.31	20.21			
Channel				37775	38000	38225	21.8	0	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	20.82	20.47	20.66			
5	QPSK	1	12	20.88	21.08	20.93			
5	QPSK	1	24	20.42	20.50	20.39	21.8	0	
5	QPSK	12	0	20.67	20.61	20.69			
5	QPSK	12	7	20.55	20.57	20.50			
5	QPSK	12	13	20.38	20.47	20.39			
5	QPSK	25	0	20.52	20.53	20.55	21.8	0	
5	16QAM	1	0	20.04	20.12	20.05			
5	16QAM	1	12	20.06	20.21	20.21			
5	16QAM	1	24	19.99	20.00	19.87			
5	16QAM	12	0	20.34	20.30	20.32	21.8	0	
5	16QAM	12	7	20.37	20.46	20.43			
5	16QAM	12	13	20.20	20.39	20.25			
5	16QAM	25	0	20.43	20.48	20.25			
5	64QAM	1	0	20.06	20.10	20.05	21.8	0	
5	64QAM	1	12	20.25	20.22	20.24			
5	64QAM	1	24	20.25	20.34	20.38			
5	64QAM	12	0	20.37	20.36	20.42			
5	64QAM	12	7	20.37	20.43	20.25	21.3	0.5	
5	64QAM	12	13	20.17	20.34	20.17			
5	64QAM	25	0	20.24	20.29	20.25			

Band 38_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	19.6	0	
Frequency (MHz)				2590	2595	2610			
20	QPSK	1	0	18.75	18.72	18.80	19.6	0	
20	QPSK	1	49	19.10	19.20	19.05			
20	QPSK	1	99	18.60	18.70	18.56			
20	QPSK	50	0	18.70	18.75	18.66			
20	QPSK	50	24	18.52	18.61	18.48	19.6	0	
20	QPSK	50	50	18.59	18.66	18.61			
20	QPSK	100	0	18.81	18.90	18.81			
20	15QAM	1	0	18.62	18.70	18.51			
20	16QAM	1	49	18.46	18.60	18.58	19.6	0	
20	16QAM	1	99	18.67	18.68	18.55			
20	16QAM	50	0	18.67	18.76	18.71			
20	16QAM	50	24	18.52	18.61	18.47			
20	16QAM	50	50	18.51	18.55	18.59	19.6	0	
20	16QAM	100	0	18.48	18.60	18.42			
20	64QAM	1	0	18.68	18.70	18.58			
20	64QAM	1	49	18.55	18.68	18.51			
20	64QAM	1	99	18.56	18.72	18.58	19.6	0	
20	64QAM	50	0	18.66	18.67	18.52			
20	64QAM	50	24	18.51	18.60	18.43			
20	64QAM	50	50	18.53	18.72	18.58			
20	64QAM	100	0	18.67	18.69	18.51	19.6	0	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.59	18.65	18.64	19.6	0	
15	QPSK	1	37	18.98	19.06	18.93			
15	QPSK	1	74	18.55	18.52	18.51			
15	QPSK	36	0	18.60	18.61	18.56			
15	QPSK	36	20	18.47	18.45	18.43	19.6	0	
15	QPSK	36	39	18.54	18.56	18.56			
15	QPSK	75	0	18.80	18.74	18.80			
15	16QAM	1	0	18.60	18.67	18.49			
15	16QAM	1	37	18.45	18.44	18.57	19.6	0	
15	16QAM	1	74	18.58	18.51	18.46			
15	16QAM	36	0	18.49	18.63	18.53			
15	16QAM	36	20	18.51	18.59	18.46			
15	16QAM	36	39	18.40	18.59	18.48	19.6	0	
15	16QAM	75	0	18.32	18.58	18.26			
15	64QAM	1	0	18.57	18.70	18.47			
15	64QAM	1	37	18.46	18.63	18.36			
15	64QAM	1	74	18.55	18.72	18.57	19.6	0	
15	64QAM	36	0	18.49	18.53	18.35			
15	64QAM	36	20	18.42	18.47	18.34			
15	64QAM	36	39	18.47	18.57	18.52			
15	64QAM	75	0	18.55	18.62	18.39	19.6	0	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	18.72	18.54	18.77	19.6	0	
10	QPSK	1	25	18.99	19.04	18.94			
10	QPSK	1	49	18.41	18.70	18.37			
10	QPSK	25	0	18.60	18.65	18.66			
10	QPSK	25	12	18.33	18.50	18.29	19.6	0	
10	QPSK	25	25	18.44	18.60	18.46			
10	QPSK	50	0	18.81	18.78	18.81			
10	16QAM	1	0	18.50	18.66	18.39			
10	16QAM	1	25	18.41	18.41	18.33	19.6	0	
10	16QAM	1	49	18.51	18.61	18.39			
10	16QAM	25	0	18.61	18.63	18.65			
10	16QAM	25	12	18.45	18.47	18.40			
10	16QAM	25	25	18.38	18.49	18.46	19.6	0	
10	16QAM	50	0	18.37	18.45	18.31			
10	64QAM	1	0	18.59	18.63	18.49			
10	64QAM	1	25	18.47	18.61	18.43			
10	64QAM	1	49	18.41	18.64	18.43	19.6	0	
10	64QAM	25	0	18.56	18.67	18.42			
10	64QAM	25	12	18.51	18.42	18.43			
10	64QAM	25	25	18.50	18.60	18.45			
10	64QAM	50	0	18.56	18.55	18.40	19.6	0	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	18.56	18.55	18.61	19.6	0	
5	QPSK	1	12	19.06	19.10	19.01			
5	QPSK	1	24	18.51	18.53	18.47			
5	QPSK	12	0	18.64	18.74	18.60			
5	QPSK	12	7	18.33	18.51	18.29	19.6	0	
5	QPSK	12	13	18.46	18.59	18.48			
5	QPSK	25	0	18.70	18.73	18.70			
5	16QAM	1	0	18.49	18.70	18.38			
5	16QAM	1	12	18.38	18.44	18.50	19.6	0	
5	16QAM	1	24	18.65	18.60	18.53			
5	16QAM	12	0	18.64	18.67	18.68			
5	16QAM	12	7	18.44	18.56	18.39			
5	16QAM	12	13	18.39	18.46	18.47	19.6	0	
5	16QAM	25	0	18.37	18.59	18.31			
5	64QAM	1	0	18.62	18.57	18.52			
5	64QAM	1	12	18.49	18.68	18.45			
5	64QAM	1	24	18.39	18.55	18.41	19.6	0	
5	64QAM	12	0	18.55	18.62	18.41			
5	64QAM	12	7	18.44	18.56	18.36			
5	64QAM	12	13	18.38	18.59	18.41			
5	64QAM	25	0	18.60	18.58	18.44	19.6	0	
Channel				37750	38000	38250			
Frequency (MHz)				2567.5	2595	2617.5			
5	QPSK	1	0	18.75	18.72	18.80	19.6	0	
5	QPSK	1	49	19.10	19.20	19.05			
5	QPSK	1	99	18.60	18.70	18.56			
5	QPSK	50	0	18.70	18.75	18.66			
5	QPSK	50	24	18.52	18.61	18.48	19.6	0	
5	QPSK	50	50	18.59	18.66	18.61			
5	QPSK	100	0	18.81	18.90	18.81			
5	15QAM	1	0	18.62	18.70	18.51			
5	16QAM	1	49	18.46	18.60	18.58	19.6	0	
5	16QAM	1	99	18.67	18.68	18.55			
5	16QAM	50	0	18.67	18.76	18.71			
5	16QAM	50	24	18.52	18.61	18.47			
5	16QAM	50	50	18.51	18.55	18.59	19.6	0	
5	16QAM	100	0	18.48	18.60	18.42			
5	64QAM	1	0	18.68	18.70	18.58			
5	64QAM	1	49	18.55	18.68	18.51			
5	64QAM	1	99	18.56	18.72	18.58	19.6	0	
5	64QAM	50	0	18.66	18.67	18.52			
5	64QAM	50	24	18.51	18.60	18.43			
5	64QAM	50	50	18.53	18.72	18.58			
5	64QAM	100	0	18.67	18.69	18.51	19.6	0	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.59	18.65	18.64	19.6	0	
15	QPSK	1	37	18.98	19.06	18.93			
15	QPSK	1	74	18.55	18.52	18.51			
15	QPSK	36	0	18.60	18.61	18.56			
15	QPSK	36	20	18.47	18.45	18.43	19.6	0	
15	QPSK	36	39	18.54	18.56	18.56			
15	QPSK	75	0	18.80	18.74	18.80			
15	16QAM	1	0	18.60	18.67	18.49			
15	16QAM	1	37	18.45	18.44	18.57	19.6	0	
15	16QAM	1	74	18.58	18.51	18.46			
15	16QAM	36	0	18.49	18.63	18.53			
15	16QAM	36	20	18.51	18.59	18.46			
15	16QAM	36	39	18.40	18.59	18.48	19.6	0	
15	16QAM	75	0	18.32	18.58	18.26			
15	64QAM	1	0	18.57	18.70	18.47			
15	64QAM	1	37	18.46	18.63	18.36			
15	64QAM	1	74	18.55	18.72	18.57	19.6	0	
15	64QAM	36	0	18.49	18.53	18.35			
15	64QAM	36	20	18.42	18.47	18.34			
15	64QAM	36	39	18.47	18.57	18.52			
15	64QAM	75	0	18.55	18.62	18.39	19.6	0	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	18.72	18.54	18.77	19.6	0	
10	QPSK	1	25	18.99	19.04	18.94			
10	QPSK	1	49	18.41	18.70	18.37			
10	QPSK	25	0	18.60	18.65	18.66			
10	QPSK	25	12	18.33	18.50	18.29	19.6	0	
10	QPSK	25	25	18.44	18.60	18.46			
10	QPSK	50	0	18.81	18.78	18.81			
10	16QAM	1	0	18.50	18.66	18.39			
10	16QAM	1	25	18.41	18.41	18.33	19.6	0	
10	16QAM	1	49	18.51	18.61	18.39			
10	16QAM	25	0	18.61	18.63	18.65			
10	16QAM	25	12	18.45	18.47	18.40			
10	16QAM	25	25	18.38	18.49	18.46	19.6	0	
10	16QAM	50	0	18.37	18.45	18.31			
10	64QAM	1	0	18.59	18.63	18.49			
10	64QAM	1	25	18.47	18.61	18.43			
10	64QAM	1	49	18.41	18.64	18.43	19.6	0	
10	64QAM	25	0	18.56	18.67	18.42			
10	64QAM	25	12	18.51	18.42	18.43			
10	64QAM	25	25	18.50	18.60	18.45			
10	64QAM	50	0	18.56	18.55	18.40	19.6	0	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	18.56	18.55	18.61	19.6	0	
5	QPSK	1	12	19.06	19.10	19.01			
5	QPSK	1	24	18.51	18.53	18.47			
5	QPSK	12	0	18.64	18.74	18.60			
5	QPSK	12	7	18.33	18.51	18.29	19.6	0	
5	QPSK	12	13	18.46	18.59	18.48			
5	QPSK	25	0	18.70	18.73	18.70			
5	16QAM	1	0	18.49	18.70	18.38			
5	16QAM	1	12	18.38	18.44	18.50	19.6	0	
5	16QAM	1	24	18.65	18.60	18.53			
5	16QAM	12	0	18.64	18.67	18.68			
5	16QAM	12	7	18.44	18.56	18.39			
5	16QAM	12	13	18.39	18.46	18.47	19.6	0	
5	16QAM	25	0	18.37	18.59	18.31			
5	64QAM	1	0	18.62	18.57	18.52			
5	64QAM	1	12	18.49	18.68	18.45			
5	64QAM	1	24	18.39	18.55	18.41	19.6	0	
5	64QAM	12	0	18.55	18.62	18.41			
5	64QAM	12	7	18.44	18.56	18.36			

Band 41_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	21.3	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	19.79	20.02	19.71	19.70	21.3	0
20	QPSK	1	49	20.03	20.38	20.12	20.10		
20	QPSK	1	99	19.97	20.16	20.02	19.97	21.3	0
20	QPSK	50	0	20.03	20.22	20.09	20.13		
20	QPSK	50	24	20.08	20.20	20.19	20.09	21.3	0
20	QPSK	50	50	19.98	20.11	20.01	20.02		
20	QPSK	100	0	20.11	20.14	20.07	19.97	21.3	0
20	16QAM	1	0	19.83	19.83	19.78	19.81		
20	16QAM	1	49	19.92	19.92	19.87	19.78	21.3	0
20	16QAM	1	99	19.57	19.76	19.69	19.60		
20	16QAM	50	0	19.80	19.97	19.86	19.89	21.3	0
20	16QAM	50	24	19.94	19.87	19.76	19.83		
20	16QAM	50	50	19.81	20.00	19.85	19.94	21.3	0
20	16QAM	100	0	19.88	20.00	19.85	19.85		
20	64QAM	1	0	19.48	19.51	19.36	19.42	21.3	0
20	64QAM	1	49	19.57	19.62	19.54	19.58		
20	64QAM	1	99	19.66	19.70	19.66	19.59	21.3	0
20	64QAM	50	0	19.85	20.03	20.00	19.85		
20	64QAM	50	24	20.03	20.04	20.00	19.88	21.3	0
20	64QAM	50	50	19.87	19.99	19.91	19.96		
20	64QAM	100	0	19.82	19.95	19.79	19.91	21.3	0
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2567.5	2592.5	2642.5	21.3	0
15	QPSK	1	0	19.63	19.89	19.55	19.53		
15	QPSK	1	37	20.00	20.10	20.09	19.93	21.3	0
15	QPSK	1	74	19.97	20.12	20.02	19.93		
15	QPSK	36	0	19.97	20.03	20.03	19.94	21.3	0
15	QPSK	36	20	19.90	20.02	20.01	19.91		
15	QPSK	36	39	19.97	19.95	20.00	19.86	21.3	0
15	QPSK	75	0	19.92	20.03	19.88	19.86		
15	16QAM	1	0	19.64	19.74	19.59	19.72	21.3	0
15	16QAM	1	37	19.92	19.90	19.87	19.76		
15	16QAM	1	74	19.39	19.75	19.51	19.59	21.3	0
15	16QAM	36	0	19.62	19.97	19.68	19.69		
15	16QAM	36	20	19.79	19.79	19.71	19.75	21.3	0
15	16QAM	36	39	19.75	19.92	19.79	19.86		
15	16QAM	75	0	19.87	19.86	19.84	19.71	21.3	0
15	64QAM	1	0	19.90	19.85	19.78	19.76		
15	64QAM	1	37	19.46	19.54	19.43	19.50	21.3	0
15	64QAM	1	74	19.64	19.55	19.64	19.44		
15	64QAM	36	0	19.74	19.96	19.89	19.78	21.3	0
15	64QAM	36	20	20.03	19.97	20.00	19.81		
15	64QAM	36	39	19.87	19.97	19.91	19.94	21.3	0
15	64QAM	75	0	19.75	19.76	19.72	19.72		
Channel				40090	40350	40610	41150	21.3	0
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	19.64	19.98	19.56	19.62	21.3	0
10	QPSK	1	25	20.00	20.25	20.09	20.06		
10	QPSK	1	49	19.92	20.10	19.97	19.91	21.3	0
10	QPSK	25	0	19.90	20.20	20.03	20.11		
10	QPSK	25	12	19.97	20.01	20.08	19.90	21.3	0
10	QPSK	25	25	19.80	19.93	19.83	19.84		
10	QPSK	50	0	20.10	20.10	20.06	19.93	21.3	0
10	16QAM	1	0	19.78	19.73	19.73	19.71		
10	16QAM	1	25	19.90	19.88	19.85	19.74	21.3	0
10	16QAM	1	49	19.55	19.74	19.67	19.58		
10	16QAM	25	0	19.71	19.84	19.77	19.76	21.3	0
10	16QAM	25	12	19.74	19.69	19.66	19.65		
10	16QAM	25	25	19.79	19.84	19.83	19.78	21.3	0
10	16QAM	50	0	19.77	19.88	19.74	19.73		
10	64QAM	1	0	19.88	20.00	20.26	19.91	21.3	0
10	64QAM	1	25	19.38	19.51	19.35	19.47		
10	64QAM	1	49	19.65	19.63	19.65	19.52	21.3	0
10	64QAM	25	0	19.78	19.96	19.94	19.78		
10	64QAM	25	12	19.93	19.86	19.90	19.70	21.3	0
10	64QAM	25	25	19.86	19.90	19.90	19.87		
10	64QAM	50	0	19.63	19.63	19.60	19.79	21.3	0
Channel				40065	40325	40585	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	21.3	0
5	QPSK	1	0	19.68	19.98	19.60	19.61		
5	QPSK	1	12	19.88	20.25	19.97	20.08	21.3	0
5	QPSK	1	24	19.82	20.11	19.87	19.92		
5	QPSK	12	0	19.69	20.09	19.95	20.00	21.3	0
5	QPSK	12	7	20.08	20.17	20.19	20.06		
5	QPSK	12	13	19.85	20.03	19.88	19.94	21.3	0
5	QPSK	25	0	19.97	20.08	19.93	19.91		
5	16QAM	1	0	19.83	19.75	19.78	19.73	21.3	0
5	16QAM	1	12	19.92	19.89	19.87	19.75		
5	16QAM	1	24	19.45	19.60	19.57	19.44	21.3	0
5	16QAM	12	0	19.75	19.82	19.81	19.74		
5	16QAM	12	7	19.81	19.82	19.73	19.78	21.3	0
5	16QAM	12	13	19.77	20.00	19.81	19.94		
5	16QAM	25	0	19.87	19.86	19.84	19.71	21.3	0
5	64QAM	1	0	19.80	19.92	19.68	19.83		
5	64QAM	1	12	19.53	19.49	19.50	19.45	21.3	0
5	64QAM	1	24	19.54	19.51	19.54	19.40		
5	64QAM	12	0	19.80	19.93	19.95	19.75	21.3	0
5	64QAM	12	7	20.01	19.87	19.98	19.71		
5	64QAM	12	13	19.71	19.96	19.75	19.93	21.3	0
5	64QAM	25	0	19.72	19.85	19.69	19.81		

Band 41_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	23.1	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	21.75	21.82	21.70	21.69	23.1	0
20	QPSK	1	49	21.90	22.09	21.83	21.86		
20	QPSK	1	99	21.53	21.67	21.62	21.51	23.1	0
20	QPSK	50	0	21.90	22.06	21.88	22.05		
20	QPSK	50	24	21.84	22.00	21.92	21.83	23.1	0
20	QPSK	50	50	21.71	21.75	21.59	21.57		
20	QPSK	100	0	21.66	21.83	21.70	21.65	22.1	1
20	16QAM	1	0	21.53	21.64	21.61	21.48		
20	16QAM	1	49	21.86	21.92	21.90	21.86	23.1	0
20	16QAM	1	99	21.45	21.49	21.30	21.43		
20	16QAM	50	0	21.30	21.42	21.26	21.39	22.1	1
20	16QAM	50	24	21.27	21.32	21.20	21.25		
20	16QAM	50	50	21.30	21.31	21.14	21.31	22.1	1
20	16QAM	100	0	21.21	21.38	21.26	21.37		
20	64QAM	1	0	20.74	20.88	20.72	20.81	22.1	1
20	64QAM	1	49	20.87	20.98	20.84	20.84		
20	64QAM	1	99	20.65	20.72	20.67	20.72	21.1	2
20	64QAM	50	0	20.30	20.42	20.35	20.27		
20	64QAM	50	24	20.31	20.32	20.27	20.32	21.1	2
20	64QAM	50	50	20.14	20.32	20.23	20.20		
20	64QAM	100	0	20.08	20.27	20.19	20.27	21.1	2
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2567.5	2592.5	2642.5	23.1	0
15	QPSK	1	0	21.66	21.78	21.61	21.58		
15	QPSK	1	37	21.82	22.06	21.75	21.83	23.1	0
15	QPSK	1	74	21.48	21.60	21.57	21.44		
15	QPSK	36	0	21.75	22.05	21.83	22.04	23.1	0
15	QPSK	36	20	21.70	21.94	21.78	21.77		
15	QPSK	36	39	21.83	21.72	21.51	21.41	23.1	0
15	QPSK	75	0	21.53	21.75	21.57	21.57		
15	16QAM	1	0	21.36	21.64	21.44	21.48	23.1	0
15	16QAM	1	37	21.83	21.76	21.87	21.74		
15	16QAM	1	74	21.29	21.40	21.47	21.30	23.1	0
15	16QAM	36	0	21.16	21.34	21.32	21.34		
15	16QAM	36	20	21.19	21.25	21.12	21.18	22.1	1
15	16QAM	36	39	21.24	21.13	21.08	21.13		
15	16QAM	75	0	21.05	21.31	21.10	21.35	22.1	1
15	64QAM	1	0	20.59	20.76	20.57	20.69		
15	64QAM	1	37	20.77	20.89	20.74	20.75	22.1	1
15	64QAM	1	74	20.51	20.58	20.53	20.58		
15	64QAM	36	0	20.21	20.38	20.26	20.23	21.1	2
15	64QAM	36	20	20.26	20.25	20.22	20.25		
15	64QAM	36	39	20.02	20.29	20.11	20.17	21.1	2
15	64QAM	75	0	19.95	20.16	20.06	20.16		
Channel				40090	40370	40660	41150	23.1	0
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	21.59	21.66	21.54	21.66	23.1	0
10	QPSK	1	25	21.72	21.90	21.65	21.67		
10	QPSK	1	49	21.35	21.55	21.44	21.39	23.1	0
10	QPSK	25	0	21.78	22.04	21.66	21.62		
10	QPSK	25	12	21.84	21.90	21.92	21.73	23.1	0
10	QPSK	25	25	21.63	21.69	21.51	21.51		
10	QPSK	50	0	21.64	21.66	21.68	21.68	23.1	0
10	16QAM	1	0	21.36	21.59	21.44	21.43		
10	16QAM	1	25	21.81	21.75	21.85	21.69	23.1	0
10	16QAM	1	49	21.29	21.49	21.14	21.43		
10	16QAM	25	0	21.16	21.40	21.12	21.37	22.1	1
10	16QAM	25	12	21.19	21.31	21.12	21.24		
10	16QAM	25	25	21.27	21.21	21.11	21.21	22.1	1
10	16QAM	50	0	21.17	21.23	21.22	21.22		
10	64QAM	1	0	20.58	20.79	20.64	20.72	22.1	1
10	64QAM	1	25	20.80	20.91	20.77	20.77		
10	64QAM	1	49	20.58	20.72	20.60	20.72	21.1	2
10	64QAM	25	0	20.20	20.32	20.25	20.17		
10	64QAM	25	12	20.28	20.18	20.24	20.18	21.1	2
10	64QAM	25	25	20.98	20.32	20.67	20.20		
10	64QAM	50	0	20.06	20.08	20.17	20.08	21.1	2
Channel				40065	40385	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	23.1	0
5	QPSK	1	0	21.60	21.65	21.55	21.52		
5	QPSK	1	15	21.79	21.94	21.72	21.71	23.1	0
5	QPSK	1	24	21.35	21.44	21.44	21.43		
5	QPSK	12	0	21.83	21.93	21.91	21.92	23.1	0
5	QPSK	12	7	21.76	21.85	21.84	21.68		
5	QPSK	12	13	21.60	21.69	21.48	21.51	23.1	0
5	QPSK	25	0	21.61	21.73	21.65	21.55		
5	16QAM	1	0	21.41	21.48	21.49	21.32	23.1	0
5	16QAM	1	12	21.76	21.77	21.80	21.71		
5	16QAM	1	24	21.27	21.48	21.12	21.42	22.1	1
5	16QAM	12	0	21.17	21.34	21.13	21.31		
5	16QAM	12	7	21.23	21.25	21.16	21.18	22.1	1
5	16QAM	12	13	21.26	21.12	21.10	21.21		
5	16QAM	25	0	21.10	21.27	21.15	21.28	21.1	2
5	64QAM	1	0	20.64	20.74	20.62	20.67		
5	64QAM	1	12	20.71	20.80	20.68	20.66	22.1	1
5	64QAM	1	24	20.54	20.61	20.56	20.61		
5	64QAM	12	0	20.12	20.27	20.17	20.12	21.1	2
5	64QAM	12	7	20.20	20.14	20.16	20.14		
5	64QAM	12	13	19.98	20.23	20.07	20.11	21.1	2
5	64QAM	25	0	19.93	20.23	20.04	20.23		



DSI5

GSM850_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8	824.2	836.4	848.8	824.2	836.4
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	824.2	836.4
GSM 1 Tx slot	32.03	31.95	31.99	33.00	23.03	22.95	22.99	24.00
GPRS 1 Tx slot	32.01	32.04	31.92	33.00	23.01	23.04	22.92	24.00
GPRS 2 Tx slots	29.08	29.19	29.16	30.30	23.08	23.19	23.16	24.30
GPRS 3 Tx slots	27.56	27.28	27.45	28.50	23.30	23.02	23.19	24.24
GPRS 4 Tx slots	26.74	26.78	26.64	28.00	23.74	23.78	23.64	25.00
EDGE 1 Tx slot	26.51	26.31	26.28	27.50	17.51	17.31	17.28	18.50
EDGE 2 Tx slots	24.85	24.74	24.76	26.00	18.85	18.74	18.76	20.00
EDGE 3 Tx slots	22.74	22.75	22.61	23.90	18.48	18.49	18.35	19.64
EDGE 4 Tx slots	21.13	21.06	21.08	22.30	18.13	18.06	18.08	19.30

GSM1900_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot	25.03	24.93	24.89	25.70	16.03	15.93	15.89	16.70
GPRS 1 Tx slot	24.90	24.84	24.96	25.70	15.90	15.84	15.96	16.70
GPRS 2 Tx slots	22.38	22.40	22.39	23.00	16.38	16.40	16.39	17.00
GPRS 3 Tx slots	20.56	20.66	20.53	21.00	16.30	16.40	16.27	16.74
GPRS 4 Tx slots	20.23	20.44	20.40	21.00	17.23	17.44	17.40	18.00
EDGE 1 Tx slot	24.70	24.80	24.94	25.70	15.70	15.80	15.94	16.70
EDGE 2 Tx slots	21.86	21.94	22.00	23.00	15.86	15.94	16.00	17.00
EDGE 3 Tx slots	19.70	19.81	19.81	21.00	15.44	15.55	15.55	16.74
EDGE 4 Tx slots	19.45	19.47	19.59	20.50	16.45	16.47	16.59	17.50

Band	WCDMA II_Ant13			Tune-up Limit (dBm)	WCDMA IV_Ant13			Tune-up Limit (dBm)	WCDMA V_Ant13			Tune-up Limit (dBm)	
	Tx Channel	9262	9400		9538	1312	1413		1513	4132	4182		4233
Rx Channel	9662	9800	9938	9662	1537	1638	1738	9662	4357	4407	4458	9662	
Frequency (MHz)	1852	1880	1907.6	1852.4	1712.4	1732.6	1752.6	1852.4	826.4	836.4	846.6	826.4	
3GPP Rel 99	AMR 12.2Kbps	17.89	17.93	18.04	19.30	18.53	18.48	18.50	19.80	23.04	22.98	23.03	24.30
3GPP Rel 99	RMC 12.2Kbps	18.07	18.13	18.08	19.30	19.54	19.62	19.48	19.80	23.09	23.10	23.05	24.30
3GPP Rel 6	HSDPA Subtest-1	16.81	16.86	17.04	18.10	17.56	17.49	17.66	18.60	21.99	22.05	22.07	23.10
3GPP Rel 6	HSDPA Subtest-2	17.08	16.97	17.10	18.10	17.67	17.63	17.63	18.60	21.88	21.97	21.92	23.10
3GPP Rel 6	HSDPA Subtest-3	16.48	16.42	16.71	17.60	17.04	17.22	17.15	18.10	21.39	21.50	21.45	22.60
3GPP Rel 6	HSDPA Subtest-4	16.45	16.49	16.68	17.60	17.00	17.26	17.07	18.10	21.37	21.48	21.44	22.60
3GPP Rel 6	DC-HSDPA Subtest-1	16.88	16.74	16.84	18.10	17.57	17.52	17.59	18.60	21.97	21.93	21.94	23.10
3GPP Rel 6	DC-HSDPA Subtest-2	16.99	16.85	17.01	18.10	17.54	17.52	17.51	18.60	21.83	21.94	21.85	23.10
3GPP Rel 6	DC-HSDPA Subtest-3	16.45	16.34	16.57	17.60	17.05	17.21	17.12	18.10	21.25	21.35	21.37	22.60
3GPP Rel 6	DC-HSDPA Subtest-4	16.51	16.38	16.44	17.60	17.03	17.02	16.98	18.10	21.36	21.38	21.32	22.60
3GPP Rel 6	HSUPA Subtest-1	17.01	16.97	17.05	18.10	17.41	17.55	17.47	18.60	21.80	21.92	21.91	23.30
3GPP Rel 6	HSUPA Subtest-2	14.96	14.94	15.08	16.10	15.59	15.64	15.64	16.60	19.97	20.04	19.91	21.30
3GPP Rel 6	HSUPA Subtest-3	15.89	15.95	16.08	17.10	16.48	16.63	16.55	17.60	20.90	20.94	20.94	22.30
3GPP Rel 6	HSUPA Subtest-4	14.95	14.89	15.05	16.10	15.59	15.70	15.53	16.60	19.98	19.96	20.09	21.30
3GPP Rel 6	HSUPA Subtest-5	17.02	16.94	17.09	18.10	17.54	17.74	17.52	18.60	21.80	21.90	22.00	23.00

Band	WCDMA II_Ant13			Tune-up Limit (dBm)	WCDMA IV_Ant13			Tune-up Limit (dBm)	WCDMA V_Ant13			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9662	9800	9938	9662	1537	1638	1738	9662	4357	4407	4458	9662	
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1712.4	1732.6	1752.6	1852.4	826.4	836.4	846.6	826.4	
3GPP Rel 99	AMR 12.2Kbps	15.56	15.57	15.53	17.00	16.65	16.58	16.57	18.00	18.98	18.91	18.89	20.50
3GPP Rel 99	RMC 12.2Kbps	15.59	15.64	15.51	17.00	16.56	16.69	16.62	18.00	18.95	19.01	18.97	20.50
3GPP Rel 6	HSDPA Subtest-1	14.43	14.43	14.48	15.80	15.50	15.42	15.54	16.80	18.04	18.08	17.98	19.30
3GPP Rel 6	HSDPA Subtest-2	14.53	14.53	14.53	15.80	15.48	15.58	15.52	16.80	17.92	17.88	17.91	19.30
3GPP Rel 6	HSDPA Subtest-3	14.08	14.11	14.11	15.30	14.92	15.03	15.00	16.30	17.43	17.50	17.39	18.80
3GPP Rel 6	HSDPA Subtest-4	14.08	14.04	14.23	15.30	14.97	15.00	14.92	16.30	17.44	17.46	17.42	18.80
3GPP Rel 6	DC-HSDPA Subtest-1	14.44	14.22	14.41	15.80	15.35	15.34	15.31	16.80	17.97	18.05	18.07	19.30
3GPP Rel 6	DC-HSDPA Subtest-2	14.53	14.49	14.54	15.80	15.50	15.50	15.35	16.80	17.86	17.86	17.88	19.30
3GPP Rel 6	DC-HSDPA Subtest-3	14.02	14.01	14.10	15.30	14.74	14.88	14.98	16.30	17.39	17.38	17.50	18.80
3GPP Rel 6	DC-HSDPA Subtest-4	14.02	14.00	14.04	15.30	14.82	14.93	14.87	16.30	17.41	17.50	17.40	18.80
3GPP Rel 6	HSUPA Subtest-1	14.51	14.54	14.65	15.80	15.39	15.48	15.36	16.80	17.95	18.00	17.97	19.50
3GPP Rel 6	HSUPA Subtest-2	12.50	12.55	12.57	13.80	13.63	13.55	13.48	14.80	15.99	15.91	15.90	17.50
3GPP Rel 6	HSUPA Subtest-3	13.49	13.58	13.52	14.80	14.60	14.59	14.57	15.80	16.80	16.93	16.90	18.50
3GPP Rel 6	HSUPA Subtest-4	12.54	12.59	12.52	13.80	13.69	13.64	13.48	14.80	16.02	16.06	15.95	17.50
3GPP Rel 6	HSUPA Subtest-5	14.61	14.52	14.50	15.80	15.50	15.53	15.42	16.80	17.91	17.82	17.94	19.20

GSM850_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8	824.2	836.4	848.8	824.2	836.4
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	824.2	836.4
GSM 1 Tx slot	31.75	31.65	31.80	32.70	22.75	22.65	22.80	23.70
GPRS 1 Tx slot	31.77	31.61	31.68	32.70	22.77	22.61	22.68	23.70
GPRS 2 Tx slots	29.66	29.71	29.70	30.50	23.66	23.71	23.70	24.50
GPRS 3 Tx slots	27.88	27.92	27.91	29.00	23.62	23.66	23.65	24.74
GPRS 4 Tx slots	26.12	26.03	26.16	27.00	23.12	23.03	23.16	24.00
EDGE 1 Tx slot	25.97	25.84	25.85	27.00	16.97	16.84	16.85	18.00
EDGE 2 Tx slots	24.33	24.27	24.34	25.50	18.33	18.27	18.34	19.50
EDGE 3 Tx slots	22.27	22.12	22.18	23.50	18.01	17.86	17.92	19.24
EDGE 4 Tx slots	20.53	20.56	20.55	21.80	17.53	17.56	17.55	18.80

GSM1900_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot	28.41	28.44	28.53	29.50	19.41	19.44	19.53	20.50
GPRS 1 Tx slot	28.37	28.43	28.43	29.50	19.37	19.43	19.43	20.50
GPRS 2 Tx slots	24.66	24.76	24.82	26.00	18.66	18.76	18.82	20.00
GPRS 3 Tx slots	23.00	23.18	23.37	24.10	18.74	18.92	19.11	19.84
GPRS 4 Tx slots	21.80	21.92	21.97	22.80	18.80	18.92	18.97	19.80
EDGE 1 Tx slot	25.01	25.15	25.31	26.50	16.01	16.15	16.31	17.50
EDGE 2 Tx slots	23.34	23.42	23.73	24.20	17.34	17.42	17.73	18.20
EDGE 3 Tx slots	21.18	21.24	21.60	22.30	16.92	16.98	17.34	18.04
EDGE 4 Tx slots	19.85	20.10	20.23	21.00	16.85	17.10	17.23	18.80

Band 2_Ant13

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	16.11	16.16	16.12	17	0		
20	QPSK	1	49	16.14	16.32	16.25				
20	QPSK	1	99	16.28	16.30	16.21				
20	QPSK	50	0	16.01	16.20	16.01				
20	QPSK	50	24	16.03	16.03	16.07	17	0		
20	QPSK	50	50	15.99	16.10	16.11				
20	QPSK	100	0	16.08	16.14	16.12				
20	16QAM	1	0	15.96	16.18	16.18				
20	16QAM	1	49	16.01	16.17	16.17	17	0		
20	16QAM	1	99	16.07	16.17	16.13				
20	16QAM	50	0	16.00	16.01	16.12				
20	16QAM	50	24	15.89	16.16	16.19				
20	16QAM	50	50	16.00	16.10	16.10	17	0		
20	16QAM	100	0	16.05	16.12	16.10				
20	64QAM	1	0	16.12	16.13	16.15				
20	64QAM	1	49	15.93	16.23	16.14				
20	64QAM	1	99	16.06	16.05	16.11	17	0		
20	64QAM	50	0	16.04	16.20	16.14				
20	64QAM	50	24	16.05	16.15	16.19				
20	64QAM	50	50	15.92	16.05	16.08				
20	64QAM	100	0	15.98	16.15	16.16	17	0		
Channel										
Frequency (MHz)										
15	QPSK	1	0	15.97	16.15	16.11	17	0		
15	QPSK	1	37	16.01	16.06	16.06				
15	QPSK	1	74	16.09	16.09	16.13				
15	QPSK	36	0	15.89	16.08	15.85				
15	QPSK	36	20	15.96	15.93	15.93	17	0		
15	QPSK	36	39	15.86	16.01	15.93				
15	QPSK	75	0	15.87	15.92	15.95				
15	16QAM	1	0	15.89	15.96	15.99				
15	16QAM	1	37	15.76	15.91	16.00	17	0		
15	16QAM	1	74	15.99	15.91	15.89				
15	16QAM	36	0	15.85	15.89	16.09				
15	16QAM	36	20	15.77	16.08	15.97				
15	16QAM	36	39	15.86	15.92	15.90	17	0		
15	16QAM	75	0	15.85	16.07	15.94				
15	64QAM	1	0	15.88	16.05	15.91				
15	64QAM	1	37	15.77	16.01	15.96				
15	64QAM	1	74	15.90	15.90	15.95	17	0		
15	64QAM	36	0	15.93	15.99	16.04				
15	64QAM	36	20	15.90	16.08	16.10				
15	64QAM	36	39	15.75	15.95	15.96				
15	64QAM	75	0	15.81	15.89	15.96	17	0		
Channel										
Frequency (MHz)										
10	QPSK	1	0	15.99	16.09	16.07	17	0		
10	QPSK	1	25	15.98	16.16	16.04				
10	QPSK	1	49	16.05	16.07	16.09				
10	QPSK	25	0	15.80	15.96	15.84				
10	QPSK	25	12	15.91	15.92	15.97	17	0		
10	QPSK	25	25	15.92	15.90	15.96				
10	QPSK	50	0	15.86	15.95	16.00				
10	16QAM	1	0	15.83	16.04	15.93				
10	16QAM	1	25	15.90	16.01	16.07	17	0		
10	16QAM	1	49	15.94	15.99	15.92				
10	16QAM	25	0	15.87	15.93	16.04				
10	16QAM	25	12	15.75	16.07	16.02				
10	16QAM	25	25	15.88	16.00	15.98	17	0		
10	16QAM	50	0	15.91	15.96	15.98				
10	64QAM	1	0	15.91	16.04	15.99				
10	64QAM	1	25	15.75	15.99	15.91				
10	64QAM	1	49	15.86	15.96	15.99	17	0		
10	64QAM	25	0	15.79	16.10	16.03				
10	64QAM	25	12	15.87	16.10	16.07				
10	64QAM	25	25	15.77	15.94	16.01				
10	64QAM	50	0	15.92	15.96	15.92	17	0		
Channel										
Frequency (MHz)										
5	QPSK	1	0	15.96	16.04	16.03	17	0		
5	QPSK	1	12	16.02	16.12	16.06				
5	QPSK	1	24	16.12	16.08	16.06				
5	QPSK	12	0	15.84	16.08	15.91				
5	QPSK	12	7	15.94	15.90	15.90	17	0		
5	QPSK	12	13	15.86	15.99	15.98				
5	QPSK	25	0	15.88	15.93	15.90				
5	16QAM	1	0	15.91	15.96	15.99				
5	16QAM	1	12	15.81	15.92	16.06	17	0		
5	16QAM	1	24	15.96	15.97	15.94				
5	16QAM	12	0	15.79	15.96	15.99				
5	16QAM	12	7	15.76	16.10	16.05				
5	16QAM	12	13	15.90	16.04	15.98	17	0		
5	16QAM	25	0	15.89	16.02	16.03				
5	64QAM	1	0	16.00	15.96	15.86				
5	64QAM	1	12	15.86	16.04	15.93				
5	64QAM	1	24	15.98	16.01	15.95	17	0		
5	64QAM	12	0	15.82	16.09	15.98				
5	64QAM	12	7	15.89	16.06	16.06				
5	64QAM	12	13	15.78	15.92	15.87				
5	64QAM	25	0	15.84	15.86	16.03	17	0		
Channel										
Frequency (MHz)										
3	QPSK	1	0	16.05	16.14	16.03	17	0		
3	QPSK	1	8	16.05	16.19	16.13				
3	QPSK	1	14	16.08	16.05	16.03				
3	QPSK	8	0	15.79	15.95	15.96				
3	QPSK	8	4	15.94	15.91	15.86	17	0		
3	QPSK	8	7	15.90	15.96	15.97				
3	QPSK	15	0	15.92	15.87	15.91				
3	16QAM	1	0	15.79	16.03	15.95				
3	16QAM	1	8	15.89	15.89	16.04	17	0		
3	16QAM	1	14	15.92	15.93	15.93				
3	16QAM	8	0	15.80	15.93	15.99				
3	16QAM	8	4	15.85	16.06	16.01				
3	16QAM	8	7	15.94	15.93	15.99	17	0		
3	16QAM	15	0	15.84	16.06	15.97				
3	64QAM	1	0	15.98	16.03	15.86				
3	64QAM	1	8	15.89	15.98	15.96				
3	64QAM	1	14	15.98	15.98	15.93	17	0		
3	64QAM	8	0	15.93	15.99	15.99				
3	64QAM	8	4	15.82	16.10	16.09				
3	64QAM	8	7	15.84	15.96	15.96				
3	64QAM	15	0	15.82	15.88	15.92	17	0		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	16.00	16.03	16.05	17	0		
1.4	QPSK	1	3	16.01	16.06	16.10				
1.4	QPSK	1	5	16.10	16.12	16.08				
1.4	QPSK	3	0	15.75	16.07	15.89				
1.4	QPSK	3	1	15.92	15.93	15.95	17	0		
1.4	QPSK	3	3	15.97	15.95	15.97				
1.4	QPSK	6	0	15.89	15.93	15.97				
1.4	16QAM	1	0	15.89	16.04	15.92				
1.4	16QAM	1	3	15.78	15.97	15.99	17	0		
1.4	16QAM	1	5	15.86	15.97	15.84				
1.4	16QAM	3	0	15.84	15.86	16.08				
1.4	16QAM	3	1	15.94	16.02	16.03				
1.4	16QAM	3	3	15.86	15.94	15.95	17	0		
1.4	16QAM	6	0	15.84	15.98	15.97				
1.4	64QAM	1	0	15.92	16.05	15.88				
1.4	64QAM	1	3	15.78	16.06	15.88				
1.4	64QAM	1	5	15.96	15.90	15.95	17	0		
1.4	64QAM	3	0	15.90	16.04	16.01				
1.4	64QAM	3	8	15.88	15.99	16.09				
1.4	64QAM	3	3	15.78	15.95	16.01				
1.4	64QAM	6	0	15.80	15.86	15.91	17	0		

Band 2_Ant31

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)				18600	18800	19000				
20	QPSK	1	0	19.55	19.56	19.46	20.3	0		
20	QPSK	1	49	19.55	19.63	19.44				
20	QPSK	1	99	19.51	19.62	19.46				
20	QPSK	50	0	19.37	19.62	19.27				
20	QPSK	50	24	19.49	19.61	19.38	20.3	0		
20	QPSK	50	50	19.32	19.56	19.40				
20	QPSK	100	0	19.45	19.60	19.42				
20	16QAM	1	0	19.43	19.53	19.52				
20	16QAM	1	49	19.47	19.62	19.47	20.3	0		
20	16QAM	1	99	19.46	19.53	19.35				
20	16QAM	50	0	19.41	19.49	19.34				
20	16QAM	50	24	19.37	19.54	19.45				
20	16QAM	50	50	19.33	19.56	19.47	20.3	0		
20	16QAM	100	0	19.35	19.52	19.42				
20	64QAM	1	0	19.49	19.60	19.31				
20	64QAM	1	49	19.45	19.54	19.37				
20	64QAM	1	99	19.48	19.57	19.39	20.3	0		
20	64QAM	50	0	19.37	19.55	19.34				
20	64QAM	50	24	19.47	19.54	19.37				
20	64QAM	50	50	19.53	19.61	19.35				
20	64QAM	100	0	19.56	19.53	19.48	Tune-up limit (dBm)	MPR (dB)		
Channel				18675	18900	19125				
Frequency (MHz)				18825	18850	19075				
15	QPSK	1	0	19.41	19.40	19.36			20.3	0
15	QPSK	1	37	19.49	19.52	19.32				
15	QPSK	1	74	19.32	19.41	19.23				
15	QPSK	36	0	19.22	19.36	19.23				
15	QPSK	36	20	19.23	19.49	19.22	20.3	0		
15	QPSK	36	39	19.30	19.35	19.23				
15	QPSK	75	0	19.30	19.42	19.27				
15	16QAM	1	0	19.28	19.41	19.32				
15	16QAM	1	37	19.32	19.27	19.31	20.3	0		
15	16QAM	1	74	19.37	19.42	19.26				
15	16QAM	36	0	19.39	19.47	19.29				
15	16QAM	36	20	19.34	19.47	19.30				
15	16QAM	36	39	19.28	19.36	19.33	20.3	0		
15	16QAM	75	0	19.30	19.42	19.27				
15	64QAM	1	0	19.28	19.42	19.18				
15	64QAM	1	37	19.32	19.43	19.26				
15	64QAM	1	74	19.32	19.39	19.21	20.3	0		
15	64QAM	36	0	19.29	19.41	19.29				
15	64QAM	36	20	19.24	19.40	19.24				
15	64QAM	36	39	19.34	19.49	19.21				
15	64QAM	75	0	19.30	19.39	19.32	Tune-up limit (dBm)	MPR (dB)		
Channel				18650	18900	19150				
Frequency (MHz)				18850	18800	19005				
10	QPSK	1	0	19.40	19.53	19.40			20.3	0
10	QPSK	1	25	19.44	19.51	19.34				
10	QPSK	1	49	19.31	19.44	19.27				
10	QPSK	25	0	19.21	19.39	19.20				
10	QPSK	25	12	19.34	19.42	19.24	20.3	0		
10	QPSK	25	25	19.25	19.42	19.32				
10	QPSK	50	0	19.18	19.35	19.32				
10	16QAM	1	0	19.32	19.38	19.24				
10	16QAM	1	25	19.33	19.35	19.27	20.3	0		
10	16QAM	1	49	19.40	19.44	19.23				
10	16QAM	25	0	19.39	19.36	19.19				
10	16QAM	25	12	19.45	19.37	19.18				
10	16QAM	25	25	19.27	19.43	19.34	20.3	0		
10	16QAM	50	0	19.31	19.46	19.31				
10	64QAM	1	0	19.32	19.42	19.22				
10	64QAM	1	25	19.30	19.48	19.21				
10	64QAM	1	49	19.40	19.38	19.23	20.3	0		
10	64QAM	25	0	19.22	19.45	19.28				
10	64QAM	25	12	19.27	19.45	19.18				
10	64QAM	25	25	19.41	19.44	19.26				
10	64QAM	50	0	19.35	19.32	19.29	Tune-up limit (dBm)	MPR (dB)		
Channel				18625	18900	19175				
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	19.42	19.49	19.36			20.3	0
5	QPSK	1	12	19.37	19.51	19.39				
5	QPSK	1	24	19.41	19.42	19.32				
5	QPSK	12	0	19.24	19.38	19.25				
5	QPSK	12	7	19.25	19.44	19.19	20.3	0		
5	QPSK	12	13	19.16	19.36	19.24				
5	QPSK	25	0	19.17	19.42	19.29				
5	16QAM	1	0	19.27	19.40	19.30				
5	16QAM	1	12	19.27	19.26	19.22	20.3	0		
5	16QAM	1	24	19.31	19.37	19.27				
5	16QAM	12	0	19.29	19.43	19.19				
5	16QAM	12	7	19.24	19.40	19.19				
5	16QAM	12	13	19.19	19.39	19.24	20.3	0		
5	16QAM	25	0	19.27	19.48	19.22				
5	64QAM	1	0	19.26	19.35	19.16				
5	64QAM	1	12	19.41	19.50	19.28				
5	64QAM	1	24	19.29	19.33	19.26	20.3	0		
5	64QAM	12	0	19.24	19.42	19.18				
5	64QAM	12	7	19.26	19.37	19.20				
5	64QAM	12	13	19.36	19.43	19.20				
5	64QAM	25	0	19.42	19.33	19.32	Tune-up limit (dBm)	MPR (dB)		
Channel				18515	18900	19185				
Frequency (MHz)				18215.5	18800	19085.5				
3	QPSK	1	0	19.44	19.43	19.32			20.3	0
3	QPSK	1	8	19.35	19.54	19.39				
3	QPSK	1	14	19.39	19.39	19.22				
3	QPSK	8	0	19.27	19.40	19.23				
3	QPSK	8	7	19.14	19.36	19.33	20.3	0		
3	QPSK	8	14	19.17	19.41	19.34				
3	QPSK	15	0	19.16	19.41	19.20				
3	16QAM	1	0	19.32	19.50	19.37				
3	16QAM	1	8	19.27	19.33	19.24	20.3	0		
3	16QAM	1	14	19.33	19.45	19.26				
3	16QAM	8	0	19.37	19.33	19.31				
3	16QAM	8	4	19.29	19.36	19.20				
3	16QAM	8	7	19.20	19.37	19.28	20.3	0		
3	16QAM	15	0	19.25	19.42	19.25				
3	64QAM	1	0	19.25	19.39	19.18				
3	64QAM	1	8	19.36	19.47	19.28				
3	64QAM	1	14	19.36	19.32	19.24	20.3	0		
3	64QAM	8	0	19.21	19.49	19.24				
3	64QAM	8	7	19.38	19.50	19.18				
3	64QAM	15	0	19.36	19.50	19.26				
Channel				18607	18900	19163	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1900.3				
1.4	QPSK	1	0	19.45	19.46	19.31	20.3	0		
1.4	QPSK	1	3	19.35	19.58	19.27				
1.4	QPSK	1	5	19.35	19.37	19.34				
1.4	QPSK	3	0	19.25	19.42	19.19				
1.4	QPSK	3	1	19.28	19.38	19.20	20.3	0		
1.4	QPSK	3	3	19.28	19.32	19.32				
1.4	QPSK	6	0	19.17	19.42	19.29				
1.4	16QAM	1	0	19.31	19.41	19.34				
1.4	16QAM	1	3	19.27	19.39	19.30	20.3	0		
1.4	16QAM	1	5	19.39	19.36	19.29				
1.4	16QAM	3	0	19.33	19.44	19.23				
1.4	16QAM	3	3	19.24	19.43	19.32				
1.4	16QAM	6	0	19.25	19.43	19.21	20.3	0		
1.4	64QAM	1	0	19.28	19.40	19.19				
1.4	64QAM	1	3	19.28	19.45	19.32				
1.4	64QAM	1	5	19.40	19.33	19.29				
1.4	64QAM	3	0	19.28	19.41	19.20	20.3	0		
1.4	64QAM	3	1	19.32	19.41	19.15				
1.4	64QAM	3	3	19.41	19.40	19.29				
1.4	64QAM	6	0	19.38	19.39	19.25				

Band 4_Ant31												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20050	Power Middle Ch. / Freq. 20175	Power High Ch. / Freq. 20300	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	18.40	18.45	18.39	19.4	0				
20	QPSK	1	49	18.41	18.68	18.44						
20	QPSK	1	99	18.07	18.12	18.10						
20	QPSK	50	0	18.34	18.35	18.30	19.4	0				
20	QPSK	50	24	18.21	18.22	18.21						
20	QPSK	50	50	18.13	18.21	18.17						
20	QPSK	100	0	18.14	18.26	18.10	19.4	0				
20	16QAM	1	0	18.01	18.13	18.10						
20	16QAM	1	49	18.03	18.14	18.04						
20	16QAM	1	99	17.84	17.97	17.86	19.4	0				
20	16QAM	50	0	18.37	18.42	18.24						
20	16QAM	50	24	18.32	18.37	18.32						
20	16QAM	50	50	17.98	18.13	17.96	19.4	0				
20	16QAM	100	0	18.11	18.17	18.17						
20	64QAM	1	0	18.37	18.40	18.29	19.4	0				
20	64QAM	1	49	18.26	18.45	18.40						
20	64QAM	1	99	18.04	18.22	18.14						
20	64QAM	50	0	18.25	18.37	18.23	19.4	0				
20	64QAM	50	24	18.09	18.22	18.13						
20	64QAM	50	50	18.18	18.19	18.11						
20	64QAM	100	0	18.31	18.33	18.26	19.4	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	18.17	18.27	18.30	19.4	0				
15	QPSK	1	37	18.35	18.65	18.38						
15	QPSK	1	74	18.06	17.98	18.09						
15	QPSK	36	0	18.26	18.36	18.30	19.4	0				
15	QPSK	36	20	18.12	18.03	18.12						
15	QPSK	36	39	18.07	18.17	18.11						
15	QPSK	75	0	17.98	18.22	17.92	19.4	0				
15	16QAM	1	0	17.98	17.97	18.07						
15	16QAM	1	37	17.89	18.03	17.90						
15	16QAM	1	74	17.75	17.94	17.87	19.4	0				
15	16QAM	36	0	18.36	18.24	18.23						
15	16QAM	36	20	18.29	18.27	18.29						
15	16QAM	36	39	17.90	18.03	17.88	19.4	0				
15	16QAM	75	0	18.08	18.04	18.14						
15	64QAM	1	0	18.37	18.25	18.29						
15	64QAM	1	37	18.20	18.29	18.32	19.4	0				
15	64QAM	1	74	17.90	18.18	18.00						
15	64QAM	36	0	18.07	18.29	18.05						
15	64QAM	36	20	17.99	18.19	18.03	19.4	0				
15	64QAM	36	39	18.08	18.15	18.01						
15	64QAM	75	0	18.31	18.19	18.26						
Channel												
Frequency (MHz)												
10	QPSK	1	0	18.38	18.45	18.37	19.4	0				
10	QPSK	1	25	18.23	18.64	18.26						
10	QPSK	1	49	18.05	17.98	18.03						
10	QPSK	25	0	18.22	18.34	18.20	19.4	0				
10	QPSK	25	12	18.05	18.08	18.05						
10	QPSK	25	25	18.13	18.07	18.17						
10	QPSK	50	0	17.95	18.15	17.91	19.4	0				
10	16QAM	1	0	17.82	18.04	18.01						
10	16QAM	1	25	17.86	18.11	17.87						
10	16QAM	1	49	17.70	17.80	17.82	19.4	0				
10	16QAM	25	0	18.29	18.23	18.16						
10	16QAM	25	12	18.17	18.26	18.17						
10	16QAM	25	25	17.83	18.00	17.81	19.4	0				
10	16QAM	50	0	18.10	18.15	18.16						
10	64QAM	1	0	18.19	18.29	18.11						
10	64QAM	1	25	18.10	18.40	18.22	19.4	0				
10	64QAM	1	49	17.90	18.07	18.00						
10	64QAM	25	0	18.24	18.36	18.22						
10	64QAM	25	12	18.02	18.19	18.06	19.4	0				
10	64QAM	25	25	17.99	18.15	17.92						
10	64QAM	50	0	18.30	18.24	18.25						
Channel												
Frequency (MHz)												
5	QPSK	1	0	18.30	18.37	18.20	19.4	0				
5	QPSK	1	12	18.39	18.56	18.42						
5	QPSK	1	24	17.91	17.99	17.94						
5	QPSK	12	0	18.21	18.30	18.25	19.4	0				
5	QPSK	12	7	18.06	18.10	18.06						
5	QPSK	12	13	18.04	18.04	18.03						
5	QPSK	25	0	18.07	18.16	18.03	19.4	0				
5	16QAM	1	0	17.89	18.02	17.98						
5	16QAM	1	12	17.93	17.97	17.94						
5	16QAM	1	24	17.69	17.83	17.81	19.4	0				
5	16QAM	12	0	18.26	18.32	18.13						
5	16QAM	12	7	18.19	18.30	18.19						
5	16QAM	12	13	17.87	18.04	17.85	19.4	0				
5	16QAM	25	0	17.96	18.01	18.02						
5	64QAM	1	0	18.28	18.35	18.20						
5	64QAM	1	12	18.09	18.44	18.21	19.4	0				
5	64QAM	1	24	17.86	18.16	17.96						
5	64QAM	12	0	18.23	18.18	18.21						
5	64QAM	12	7	18.09	18.14	18.13	19.4	0				
5	64QAM	12	13	18.00	18.00	17.93						
5	64QAM	25	0	18.22	18.31	18.17						
Channel												
Frequency (MHz)												
3	QPSK	1	0	18.37	18.37	18.36	19.4	0				
3	QPSK	1	8	18.33	18.66	18.36						
3	QPSK	1	14	17.97	18.05	18.00						
3	QPSK	8	0	18.30	18.40	18.34	19.4	0				
3	QPSK	8	4	18.16	18.12	18.16						
3	QPSK	8	7	18.11	18.12	18.15						
3	QPSK	15	0	17.99	18.13	17.95	19.4	0				
3	16QAM	1	0	17.86	18.00	17.95						
3	16QAM	1	8	18.02	18.12	18.03						
3	16QAM	1	14	17.75	17.90	17.87	19.4	0				
3	16QAM	8	0	18.25	18.37	18.12						
3	16QAM	8	4	18.27	18.21	18.27						
3	16QAM	8	7	17.88	17.96	17.96	19.4	0				
3	16QAM	15	0	18.11	18.12	18.17						
3	64QAM	1	0	18.24	18.22	18.16						
3	64QAM	1	8	18.10	18.29	18.22	19.4	0				
3	64QAM	1	14	18.04	18.13	18.14						
3	64QAM	8	0	18.17	18.21	18.15						
3	64QAM	8	4	17.99	18.07	18.03	19.4	0				
3	64QAM	8	7	18.06	18.08	17.99						
3	64QAM	15	0	18.20	18.24	18.15						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	17.07	17.25	17.24	19.4	0				
1.4	QPSK	1	3	18.27	18.33	18.28						
1.4	QPSK	1	5	17.95	18.04	17.98						
1.4	QPSK	3	0	18.26	18.30	18.30	19.4	0				
1.4	QPSK	3	1	18.09	18.19	18.09						
1.4	QPSK	3	1	18.09	18.02	18.13						
1.4	QPSK	6	0	18.09	18.26	17.98	19.4	0				
1.4	16QAM	1	0	17.88	17.99	17.97						
1.4	16QAM	1	3	18.03	17.96	18.04						
1.4	16QAM	1	5	17.67	17.80	17.79	19.4	0				
1.4	16QAM	3	0	18.29	18.25	18.16						
1.4	16QAM	3	1	18.31	18.36	18.31						
1.4	16QAM	3	3	17.81	17.96	17.99	19.4	0				
1.4	16QAM	6	0	18.21	18.00	17.98						
1.4	64QAM	1	0	18.28	18.38	18.20						
1.4	64QAM	1	3	18.28	18.39	18.36	19.4	0				
1.4	64QAM	1	5	17.85	18.13	17.95						
1.4	64QAM	3	0	18.16	18.32	18.16						
1.4	64QAM	3	1	17.90	18.11	17.94	19.4	0				
1.4	64QAM	3	3	18.13	18.06	18.06						
1.4	64QAM	6	0	18.23	18.31	18.18						

Band 7_Ant13

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				2510	2535	2560	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.12	17.15	17.10	18	0
20	QPSK	1	49	17.15	17.25	17.21		
20	QPSK	1	99	16.91	17.07	16.95		
20	QPSK	50	0	17.04	17.18	17.14	18	0
20	QPSK	50	24	17.05	17.16	17.08		
20	QPSK	50	50	17.11	17.11	17.07		
20	QPSK	100	0	17.09	17.12	17.05	18	0
20	16QAM	1	0	16.72	16.81	16.71		
20	16QAM	1	49	16.88	17.01	16.82		
20	16QAM	1	99	16.81	16.55	16.44	18	0
20	16QAM	50	0	17.13	17.16	17.13		
20	16QAM	50	24	16.86	17.04	16.86		
20	16QAM	50	50	16.94	17.12	17.08	18	0
20	16QAM	100	0	17.07	17.09	16.99		
20	64QAM	1	0	16.84	17.11	17.11		
20	64QAM	1	49	17.05	17.15	17.06	18	0
20	64QAM	1	99	17.08	17.10	17.07		
20	64QAM	50	0	17.02	17.12	17.06		
20	64QAM	50	24	17.07	17.12	17.06	18	0
20	64QAM	50	50	16.97	17.14	17.02		
20	64QAM	100	0	16.94	17.08	16.92		
Channel				20875	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				20875	21100	21375		
15	QPSK	1	0	17.11	16.99	17.09	18	0
15	QPSK	1	37	17.11	17.21	17.17		
15	QPSK	1	74	16.77	17.03	16.81		
15	QPSK	36	0	16.88	17.07	16.98	18	0
15	QPSK	36	20	16.88	17.15	16.91		
15	QPSK	36	39	16.98	17.11	16.94		
15	QPSK	75	0	16.94	17.11	16.90	18	0
15	16QAM	1	0	16.88	16.72	16.67		
15	16QAM	1	37	16.73	17.01	16.77		
15	16QAM	1	74	16.31	16.41	16.34	18	0
15	16QAM	36	0	16.98	17.07	16.98		
15	16QAM	36	20	16.85	16.98	16.85		
15	16QAM	36	39	16.82	16.99	16.96	18	0
15	16QAM	75	0	17.02	16.98	16.94		
15	64QAM	1	0	16.94	16.99	17.11		
15	64QAM	1	37	16.99	17.01	17.00	18	0
15	64QAM	1	74	17.04	17.04	17.03		
15	64QAM	36	0	16.96	16.97	17.00		
15	64QAM	36	20	16.93	17.04	17.02	18	0
15	64QAM	36	39	16.94	16.97	16.89		
15	64QAM	75	0	16.75	16.98	16.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.99	16.97	16.97	18	0
10	QPSK	1	25	17.13	17.23	17.19		
10	QPSK	1	49	16.77	16.96	16.81		
10	QPSK	25	0	16.97	17.13	16.97	18	0
10	QPSK	25	12	17.02	17.03	17.05		
10	QPSK	25	25	17.08	16.97	17.04		
10	QPSK	50	0	16.93	17.06	16.89	18	0
10	16QAM	1	0	16.57	16.70	16.56		
10	16QAM	1	25	16.84	16.82	16.88		
10	16QAM	1	49	16.26	16.39	16.29	18	0
10	16QAM	25	0	17.06	16.98	17.06		
10	16QAM	25	12	16.86	16.96	16.86		
10	16QAM	25	25	16.80	16.99	16.94	18	0
10	16QAM	50	0	16.96	16.95	16.88		
10	64QAM	1	0	16.86	17.04	17.03		
10	64QAM	1	25	17.02	17.08	17.03	18	0
10	64QAM	1	49	17.07	16.99	17.06		
10	64QAM	25	0	16.93	17.00	16.97		
10	64QAM	25	12	17.02	17.06	17.01	18	0
10	64QAM	25	25	16.94	17.07	16.99		
10	64QAM	50	0	16.87	17.00	16.85		
Channel				20975	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.09	16.96	17.07	18	0
5	QPSK	1	12	16.98	17.06	17.04		
5	QPSK	1	24	16.91	17.07	16.95		
5	QPSK	12	0	16.89	17.06	16.99	18	0
5	QPSK	12	7	16.91	17.09	16.94		
5	QPSK	12	13	17.10	16.96	17.06		
5	QPSK	25	0	17.01	17.04	16.97	18	0
5	16QAM	1	0	16.57	16.80	16.56		
5	16QAM	1	12	16.81	16.85	16.85		
5	16QAM	1	24	16.33	16.36	16.36	18	0
5	16QAM	12	0	16.96	17.04	16.96		
5	16QAM	12	7	16.78	17.03	16.78		
5	16QAM	12	13	16.82	17.07	16.96	18	0
5	16QAM	25	0	17.04	17.07	16.96		
5	64QAM	1	0	16.86	17.11	17.03		
5	64QAM	1	12	17.04	17.00	17.05	18	0
5	64QAM	1	24	17.06	16.97	17.05		
5	64QAM	12	0	16.88	17.08	16.92		
5	64QAM	12	7	17.01	17.05	17.00	18	0
5	64QAM	12	13	16.80	17.08	16.85		
5	64QAM	25	0	16.90	16.95	16.88		

Band 7_Ant31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.80	15.87	15.79	16.7	0
20	QPSK	1	49	15.82	15.90	15.85		
20	QPSK	1	99	15.63	15.72	15.55		
20	QPSK	50	0	15.86	15.88	15.72	16.7	0
20	QPSK	50	24	15.75	15.85	15.69		
20	QPSK	50	50	15.61	15.77	15.63		
20	QPSK	100	0	15.65	15.79	15.67	16.7	0
20	16QAM	1	0	15.53	15.56	15.37		
20	16QAM	1	49	15.69	15.78	15.69		
20	16QAM	1	99	15.50	15.54	15.47	16.7	0
20	16QAM	50	0	15.60	15.70	15.61		
20	16QAM	50	24	15.81	15.86	15.70		
20	16QAM	50	50	15.73	15.88	15.79	16.7	0
20	16QAM	100	0	15.82	15.85	15.73		
20	64QAM	1	0	15.21	15.34	15.28		
20	64QAM	1	49	15.49	15.68	15.52	16.7	0
20	64QAM	1	99	15.17	15.36	15.25		
20	64QAM	50	0	15.68	15.85	15.68		
20	64QAM	50	24	15.80	15.84	15.67	16.7	0
20	64QAM	50	50	15.75	15.80	15.79		
20	64QAM	100	0	15.63	15.79	15.62		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.80	15.72	15.79	16.7	0
15	QPSK	1	37	15.80	15.82	15.83		
15	QPSK	1	74	15.48	15.66	15.40		
15	QPSK	36	0	15.68	15.69	15.54	16.7	0
15	QPSK	36	20	15.57	15.81	15.51		
15	QPSK	36	39	15.55	15.58	15.57		
15	QPSK	75	0	15.60	15.60	15.62	16.7	0
15	16QAM	1	0	15.36	15.44	15.20		
15	16QAM	1	37	15.59	15.70	15.59		
15	16QAM	1	74	15.43	15.37	15.40	16.7	0
15	16QAM	36	0	15.53	15.59	15.54		
15	16QAM	36	20	15.80	15.79	15.69		
15	16QAM	36	39	15.54	15.81	15.60	16.7	0
15	16QAM	75	0	15.81	15.71	15.72		
15	64QAM	1	0	15.12	15.26	15.19		
15	64QAM	1	37	15.41	15.62	15.44	16.7	0
15	64QAM	1	74	15.07	15.25	15.15		
15	64QAM	36	0	15.52	15.72	15.52		
15	64QAM	36	20	15.76	15.68	15.63	16.7	0
15	64QAM	36	39	15.50	15.65	15.64		
15	64QAM	75	0	15.60	15.71	15.59		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.67	15.73	15.66	16.7	0
10	QPSK	1	24	15.67	15.90	15.77		
10	QPSK	1	49	15.54	15.66	15.46		
10	QPSK	25	0	15.74	15.78	15.60	16.7	0
10	QPSK	25	12	15.72	15.85	15.66		
10	QPSK	25	25	15.55	15.58	15.57		
10	QPSK	50	0	15.62	15.75	15.64	16.7	0
10	16QAM	1	0	15.38	15.45	15.25		
10	16QAM	1	25	15.60	15.78	15.60		
10	16QAM	1	49	15.35	15.41	15.33	16.7	0
10	16QAM	25	0	15.55	15.54	15.51		
10	16QAM	25	12	15.64	15.73	15.53		
10	16QAM	25	25	15.60	15.82	15.66	16.7	0
10	16QAM	50	0	15.76	15.82	15.69		
10	64QAM	1	0	15.04	15.18	15.11		
10	64QAM	1	25	15.44	15.62	15.47	16.7	0
10	64QAM	1	49	15.07	15.30	15.15		
10	64QAM	25	0	15.56	15.82	15.56		
10	64QAM	25	12	15.74	15.84	15.61	16.7	0
10	64QAM	25	25	15.64	15.75	15.58		
10	64QAM	50	0	15.53	15.68	15.52		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.76	15.79	15.75	16.7	0
5	QPSK	1	12	15.82	15.84	15.85		
5	QPSK	1	24	15.55	15.63	15.47		
5	QPSK	12	0	15.71	15.86	15.57	16.7	0
5	QPSK	12	7	15.64	15.80	15.58		
5	QPSK	12	13	15.49	15.62	15.51		
5	QPSK	25	0	15.48	15.70	15.50	16.7	0
5	16QAM	1	0	15.34	15.39	15.18		
5	16QAM	1	12	15.59	15.67	15.59		
5	16QAM	1	24	15.36	15.40	15.33	16.7	0
5	16QAM	12	0	15.53	15.78	15.53		
5	16QAM	12	7	15.79	15.78	15.68		
5	16QAM	12	13	15.72	15.82	15.78	16.7	0
5	16QAM	25	0	15.66	15.85	15.57		
5	64QAM	1	0	15.21	15.29	15.28		
5	64QAM	1	12	15.46	15.53	15.49	16.7	0
5	64QAM	1	24	15.03	15.30	15.11		
5	64QAM	12	0	15.65	15.73	15.66		
5	64QAM	12	7	15.72	15.72	15.59	16.7	0
5	64QAM	12	13	15.74	15.67	15.78		
5	64QAM	25	0	15.53	15.64	15.52		

Band 13_Ant31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				782	2158				
10	QPSK	1	0		21.58		23.3	0	
10	QPSK	1	25		21.92				
10	QPSK	1	49		21.83				
10	QPSK	25	0		20.99		22.3	1	
10	QPSK	25	12		20.85				
10	QPSK	25	25		20.95				
10	QPSK	50	0		20.98		22.3	1	
10	16QAM	1	0		21.03				
10	16QAM	1	25		20.99				
10	16QAM	1	49		19.98		21.3	2	
10	16QAM	25	0		19.95				
10	16QAM	25	12		20.08				
10	16QAM	25	25		19.92		21.3	2	
10	16QAM	50	0		20.05				
10	64QAM	1	0		19.88		21.3	2	
10	64QAM	1	25		19.98				
10	64QAM	1	49		19.98				
10	64QAM	25	0		18.94		20.3	3	
10	64QAM	25	12		18.80				
10	64QAM	25	25		18.86				
10	64QAM	50	0		18.96				
Channel				23205	23230	23265	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				770.5	772	784.5			
5	QPSK	1	0	21.84	21.55	21.57	23.3	0	
5	QPSK	1	12	21.83	21.79	21.75			
5	QPSK	1	24	21.75	21.82	21.72			
5	QPSK	12	0	20.85	20.86	20.80	22.3	1	
5	QPSK	12	7	20.96	20.89	20.91			
5	QPSK	12	13	21.00	21.05	20.83			
5	QPSK	25	0	20.97	20.91	21.04	22.3	1	
5	16QAM	1	0	21.06	21.05	20.99			
5	16QAM	1	12	20.91	20.98	20.86			
5	16QAM	1	24	20.58	20.60	20.57	21.3	2	
5	16QAM	12	0	19.96	19.90	19.91			
5	16QAM	12	7	19.99	20.01	20.05			
5	16QAM	12	13	20.01	20.06	19.98	21.3	2	
5	16QAM	25	0	19.99	20.06	19.90			
5	64QAM	1	0	19.87	19.94	19.84			
5	64QAM	1	12	20.07	20.08	20.12	20.3	3	
5	64QAM	1	24	20.05	19.95	20.09			
5	64QAM	12	0	18.88	19.06	18.97			
5	64QAM	12	7	18.87	18.86	18.80	20.3	3	
5	64QAM	12	13	18.84	18.92	18.93			
5	64QAM	25	0	19.05	18.92	18.99			

Band 26_Ant13									
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				821.5	831.5	841.5			
Frequency (MHz)				26765	26865	26965			
15	QPSK	1	0	22.83	22.61	22.99	24	0	
15	QPSK	1	37	23.22	23.28	23.25			
15	QPSK	1	74	23.05	22.76	23.01			
15	QPSK	36	0	21.91	22.15	22.08	23	1	
15	QPSK	36	20	21.99	21.94	22.10			
15	QPSK	36	39	22.03	22.04	22.10			
15	QPSK	75	0	22.03	22.05	22.00	23	1	
15	16QAM	1	0	21.79	21.70	21.80			
15	16QAM	1	37	22.08	22.00	22.15			
15	16QAM	1	74	21.56	21.68	21.85	22	2	
15	16QAM	36	0	20.72	20.76	20.95			
15	16QAM	36	20	20.87	20.82	21.10			
15	16QAM	36	39	20.82	20.96	21.01	22	2	
15	16QAM	75	0	21.01	20.97	20.95			
15	64QAM	1	0	20.90	20.83	21.24	22	2	
15	64QAM	1	37	20.88	21.13	21.20			
15	64QAM	1	74	20.97	21.00	20.94			
15	64QAM	36	0	20.00	19.93	20.06	21	3	
15	64QAM	36	20	19.89	20.00	20.21			
15	64QAM	36	39	20.08	20.06	19.96			
15	64QAM	75	0	19.96	20.09	20.36			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				810	831.5	844			
10	QPSK	1	0	22.74	22.59	22.90	24	0	
10	QPSK	1	25	23.13	23.10	23.16			
10	QPSK	1	49	22.90	22.82	22.86			
10	QPSK	25	0	21.73	22.02	21.90	23	1	
10	QPSK	25	12	21.94	21.88	22.05			
10	QPSK	25	25	21.97	21.90	22.04			
10	QPSK	50	0	22.03	22.04	22.00	23	1	
10	16QAM	1	0	21.60	21.63	21.61			
10	16QAM	1	25	21.97	21.95	22.04			
10	16QAM	1	49	21.53	21.73	21.82	22	2	
10	16QAM	25	0	20.53	20.63	20.76			
10	16QAM	25	12	20.87	20.72	21.10			
10	16QAM	25	25	20.85	20.86	20.84	22	2	
10	16QAM	50	0	21.01	20.97	20.95			
10	64QAM	1	0	20.80	20.73	21.14			
10	64QAM	1	25	20.87	21.05	21.19	22	2	
10	64QAM	1	49	20.79	20.91	20.95			
10	64QAM	25	0	19.85	19.83	19.91			
10	64QAM	25	12	19.81	19.95	20.13	21	3	
10	64QAM	25	25	19.98	20.00	19.86			
10	64QAM	50	0	19.80	20.06	20.20			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.75	22.46	22.91	24	0	
5	QPSK	1	12	23.09	23.11	23.12			
5	QPSK	1	24	22.91	22.82	22.87			
5	QPSK	12	0	21.73	22.10	21.90	23	1	
5	QPSK	12	7	21.83	21.82	21.94			
5	QPSK	12	13	21.84	21.88	21.91			
5	QPSK	25	0	22.02	21.91	21.99	23	1	
5	16QAM	1	0	21.68	21.61	21.69			
5	16QAM	1	12	22.01	21.81	22.08			
5	16QAM	1	24	21.50	21.80	21.79	22	2	
5	16QAM	12	0	20.57	20.69	20.80			
5	16QAM	12	7	20.69	20.65	20.92			
5	16QAM	12	13	20.81	20.88	21.00	22	2	
5	16QAM	25	0	20.93	20.90	20.87			
5	64QAM	1	0	20.73	20.78	21.07			
5	64QAM	1	12	20.70	21.12	21.02	22	2	
5	64QAM	1	24	20.95	20.82	20.92			
5	64QAM	12	0	19.89	19.86	19.95			
5	64QAM	12	7	19.73	19.86	20.05	21	3	
5	64QAM	12	13	20.00	19.93	19.88			
5	64QAM	25	0	19.94	20.00	20.34			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	847.5			
3	QPSK	1	0	22.64	22.49	22.80	24	0	
3	QPSK	1	8	23.15	23.11	23.18			
3	QPSK	1	14	22.93	22.66	22.89			
3	QPSK	8	0	21.73	22.05	21.90	23	1	
3	QPSK	8	4	21.90	21.76	22.01			
3	QPSK	8	7	21.93	21.96	22.00			
3	QPSK	15	0	21.87	21.90	21.84	23	1	
3	16QAM	1	0	21.65	21.59	21.66			
3	16QAM	1	8	22.02	21.83	22.09			
3	16QAM	1	14	21.49	21.75	21.78	22	2	
3	16QAM	8	0	20.70	20.59	20.93			
3	16QAM	8	4	20.72	20.70	20.95			
3	16QAM	8	7	20.65	20.90	20.84	22	2	
3	16QAM	15	0	20.85	20.81	20.79			
3	64QAM	1	0	20.76	20.77	21.10			
3	64QAM	1	8	20.83	21.03	21.15	22	2	
3	64QAM	1	14	20.95	20.96	20.92			
3	64QAM	8	0	19.96	19.88	20.02			
3	64QAM	8	4	19.75	20.00	20.07	21	3	
3	64QAM	8	7	19.93	19.89	19.81			
3	64QAM	15	0	19.77	20.07	20.17			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				817.4	831.5	848.3			
1.4	QPSK	1	0	22.82	22.51	22.98	24	0	
1.4	QPSK	1	3	23.06	23.20	23.09			
1.4	QPSK	1	5	22.89	22.74	22.85			
1.4	QPSK	3	0	22.79	23.08	22.96	23	1	
1.4	QPSK	3	1	22.92	22.82	23.04			
1.4	QPSK	3	3	23.02	23.54	23.09			
1.4	QPSK	6	0	21.94	21.94	21.91	23	1	
1.4	16QAM	1	0	21.68	21.58	21.69			
1.4	16QAM	1	3	21.89	21.88	21.96			
1.4	16QAM	1	5	21.51	21.78	21.80	23	1	
1.4	16QAM	3	0	21.59	21.72	21.82			
1.4	16QAM	3	1	21.79	21.78	21.92			
1.4	16QAM	3	3	21.63	21.91	21.82	22	2	
1.4	16QAM	6	0	20.92	20.88	20.86			
1.4	64QAM	1	0	20.64	20.74	21.05			
1.4	64QAM	1	3	20.85	21.12	21.17	22	2	
1.4	64QAM	1	5	20.82	20.90	20.79			
1.4	64QAM	3	0	20.97	20.91	21.03			
1.4	64QAM	3	1	20.87	20.89	21.19	21	3	
1.4	64QAM	3	3	21.08	21.02	20.96			
1.4	64QAM	6	0	19.83	19.98	20.23			

Band 66_Ant13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132672	19	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	18.22	18.30	18.24	19	0	
20	QPSK	1	49	18.29	18.44	18.30			
20	QPSK	1	99	18.03	18.13	18.06			
20	QPSK	50	0	18.26	18.33	18.18			
20	QPSK	50	24	18.14	18.30	18.16	19	0	
20	QPSK	50	50	18.14	18.25	18.21			
20	QPSK	100	0	18.00	18.08	18.01			
20	16QAM	1	0	17.80	17.97	17.86			
20	16QAM	1	49	17.87	18.01	17.81	19	0	
20	16QAM	1	99	17.81	17.90	17.81			
20	16QAM	50	0	17.89	18.07	17.88			
20	16QAM	50	24	18.01	18.19	18.07			
20	16QAM	50	50	17.95	18.12	17.95	19	0	
20	16QAM	100	0	18.05	18.07	17.89			
20	64QAM	1	0	18.10	18.13	18.02			
20	64QAM	1	49	18.11	18.20	18.12			
20	64QAM	1	99	18.23	18.25	18.24	19	0	
20	64QAM	50	0	17.99	18.08	18.08			
20	64QAM	50	24	18.27	18.27	18.12			
20	64QAM	50	50	18.32	18.33	18.19			
20	64QAM	100	0	18.15	18.15	18.03	19	0	
Channel				132047	132322	132677			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	18.19	18.15	18.21	19	0	
15	QPSK	1	37	18.22	18.35	18.23			
15	QPSK	1	74	17.98	18.04	18.01			
15	QPSK	36	0	18.20	18.19	18.12			
15	QPSK	36	20	18.03	18.27	18.05	19	0	
15	QPSK	36	39	18.05	18.07	18.12			
15	QPSK	75	0	18.00	17.93	18.01			
15	16QAM	1	0	17.71	17.87	17.77			
15	16QAM	1	37	17.70	17.82	17.74	19	0	
15	16QAM	1	74	17.62	17.71	17.62			
15	16QAM	36	0	17.80	17.93	17.79			
15	16QAM	36	20	17.89	18.12	17.85			
15	16QAM	36	39	17.78	17.94	17.78	19	0	
15	16QAM	75	0	17.88	17.93	17.72			
15	64QAM	1	0	18.09	17.96	18.01			
15	64QAM	1	37	18.01	18.06	18.02	19	0	
15	64QAM	1	74	18.23	18.13	18.24			
15	64QAM	36	0	17.94	18.08	18.03			
15	64QAM	36	20	18.25	18.25	18.10			
15	64QAM	36	39	18.31	18.15	18.18	19	0	
15	64QAM	75	0	18.10	17.96	17.98			
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	18.20	18.15	18.22	19	0	
10	QPSK	1	25	18.18	18.39	18.19			
10	QPSK	1	49	17.98	18.00	17.92			
10	QPSK	25	0	18.26	18.33	18.18			
10	QPSK	25	12	18.11	18.22	18.13	19	0	
10	QPSK	25	25	17.96	18.17	18.03			
10	QPSK	50	0	17.84	18.05	17.85			
10	16QAM	1	0	17.80	17.90	17.86			
10	16QAM	1	25	17.85	17.88	17.89	19	0	
10	16QAM	1	49	17.79	17.83	17.79			
10	16QAM	25	0	17.87	17.96	17.86			
10	16QAM	25	12	17.92	18.09	17.98			
10	16QAM	25	25	17.85	18.02	17.85	19	0	
10	16QAM	50	0	17.89	17.93	17.73			
10	64QAM	1	0	17.91	18.00	17.83			
10	64QAM	1	25	18.07	18.17	18.08			
10	64QAM	1	49	18.22	18.16	18.23	19	0	
10	64QAM	25	0	17.80	18.08	17.89			
10	64QAM	25	12	18.25	18.25	18.10			
10	64QAM	25	25	18.23	18.14	18.10			
10	64QAM	50	0	18.12	18.01	18.00	19	0	
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	18.05	18.18	18.07	19	0	
5	QPSK	1	12	18.23	18.40	18.24			
5	QPSK	1	24	17.96	18.05	17.99			
5	QPSK	12	0	18.08	18.15	18.00			
5	QPSK	12	7	18.08	18.23	18.10	19	0	
5	QPSK	12	13	18.10	18.08	18.17			
5	QPSK	25	0	18.00	18.05	18.01			
5	16QAM	1	0	17.67	17.88	17.73			
5	16QAM	1	12	17.81	17.96	17.85	19	0	
5	16QAM	1	24	17.80	17.74	17.80			
5	16QAM	12	0	17.81	18.01	17.80			
5	16QAM	12	7	17.99	18.11	18.05			
5	16QAM	12	13	17.91	17.95	17.91	19	0	
5	16QAM	25	0	18.05	18.00	17.89			
5	64QAM	1	0	17.94	18.10	17.86			
5	64QAM	1	12	18.08	18.08	18.09			
5	64QAM	1	24	18.10	18.13	18.11	19	0	
5	64QAM	12	0	17.91	17.96	18.00			
5	64QAM	12	7	18.24	18.11	18.09			
5	64QAM	12	13	18.28	18.24	18.15			
5	64QAM	25	0	17.96	18.09	17.84	19	0	
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	18.07	18.11	18.09	19	0	
3	QPSK	1	8	18.24	18.33	18.25			
3	QPSK	1	14	18.01	17.99	18.04			
3	QPSK	8	0	18.20	18.25	18.12			
3	QPSK	8	4	18.14	18.28	18.16	19	0	
3	QPSK	8	7	18.02	18.15	18.09			
3	QPSK	15	0	17.87	17.88	17.88			
3	16QAM	1	0	17.65	17.86	17.71			
3	16QAM	1	8	17.70	17.83	17.74	19	0	
3	16QAM	1	14	17.78	17.83	17.78			
3	16QAM	8	0	17.87	17.97	17.86			
3	16QAM	8	4	17.90	18.10	17.96			
3	16QAM	8	7	17.86	18.03	17.86	19	0	
3	16QAM	15	0	17.94	17.96	17.78			
3	64QAM	1	0	17.94	18.04	17.86			
3	64QAM	1	8	18.02	18.14	18.03			
3	64QAM	1	14	18.16	18.08	18.17	19	0	
3	64QAM	8	0	17.88	18.04	17.97			
3	64QAM	8	4	18.11	18.09	17.96			
3	64QAM	8	7	18.17	18.21	18.04			
3	64QAM	15	0	18.15	17.95	18.03	19	0	
Channel				131973	132322	132655			
Frequency (MHz)				1710.7	1745	1779.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	18.22	18.25	18.24	19	0	
1.4	QPSK	1	3	18.22	18.39	18.23			
1.4	QPSK	1	5	17.88	17.97	17.91			
1.4	QPSK	3	0	18.23	18.25	18.15			
1.4	QPSK	3	1	18.14	18.29	18.16	19	0	
1.4	QPSK	3	3	18.06	18.06	18.13			
1.4	QPSK	6	0	17.82	17.82	17.83			
1.4	16QAM	1	0	17.73	17.87	17.79			
1.4	16QAM	1	3	17.73	17.86	17.77	19	0	
1.4	16QAM	1	5	17.75	17.76	17.75			
1.4	16QAM	3	0	17.89	17.91	17.88			
1.4	16QAM	3	1	17.92	18.00	17.98			
1.4	QPSK	3	0	17.82	17.94	17.82	19	0	
1.4	16QAM	3	1	17.82	17.87	17.82			
1.4	64QAM	1	0	18.10	18.02	18.02			
1.4	64QAM	1	3	18.02	18.04	18.03			
1.4	64QAM	1	5	18.23	18.24	18.24	19	0	
1.4	64QAM	3	0	17.90	17.93	17.89			
1.4	64QAM	3	1	18.22	18.22	18.07			
1.4	64QAM	3	3	18.19	18.25	18.06			
1.4	64QAM	6	0	18.02	18.06	17.90	19	0	

Band 38_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2360	2396	2310			
20	QPSK	1	0	19.82	19.87	19.80	20.8	0	
20	QPSK	1	49	19.89	19.98	19.96			
20	QPSK	1	99	19.70	19.71	19.53			
20	QPSK	50	0	19.83	19.85	19.75			
20	QPSK	50	24	19.78	19.80	19.79	20.8	0	
20	QPSK	50	50	19.47	19.63	19.44			
20	QPSK	100	0	19.68	19.71	19.65			
20	16QAM	1	0	19.40	19.41	19.36			
20	16QAM	1	49	19.14	19.32	19.18	20.8	0	
20	16QAM	1	99	19.35	19.41	19.36			
20	16QAM	50	0	19.66	19.79	19.75			
20	16QAM	50	24	19.86	19.86	19.77			
20	16QAM	50	50	19.69	19.79	19.74	20.8	0	
20	16QAM	100	0	19.67	19.81	19.64			
20	64QAM	1	0	19.00	19.00	18.88			
20	64QAM	1	49	19.25	19.36	19.32		20.8	
20	64QAM	1	99	19.04	19.21	19.02			
20	64QAM	50	0	19.51	19.60	19.43			
20	64QAM	50	24	19.59	19.65	19.62			
20	64QAM	50	50	19.43	19.59	19.44	20.8	0	
20	64QAM	100	0	19.54	19.55	19.45			
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2617.7	2595	2617.5			
15	QPSK	1	0	19.69	19.71	19.67	20.8	0	
15	QPSK	1	37	19.87	19.83	19.93			
15	QPSK	1	74	19.60	19.53	19.43			
15	QPSK	36	0	19.71	19.77	19.63			
15	QPSK	36	20	19.67	19.65	19.68	20.8	0	
15	QPSK	36	39	19.31	19.48	19.29			
15	QPSK	75	0	19.52	19.55	19.49			
15	16QAM	1	0	19.21	19.34	19.17			
15	16QAM	1	37	19.02	19.15	19.06	20.8	0	
15	16QAM	1	74	19.27	19.27	19.28			
15	16QAM	36	0	19.53	19.76	19.62			
15	16QAM	36	20	19.71	19.69	19.62			
15	16QAM	36	39	19.63	19.74	19.68	20.8	0	
15	16QAM	75	0	19.57	19.74	19.54			
15	64QAM	1	0	18.98	18.84	18.86			
15	64QAM	1	37	19.08	19.24	19.15		20.8	
15	64QAM	1	74	18.98	19.13	18.96			
15	64QAM	36	0	19.48	19.49	19.40			
15	64QAM	36	20	19.53	19.64	19.58			
15	64QAM	36	39	19.38	19.48	19.39	20.8	0	
15	64QAM	75	0	19.46	19.41	19.37			
Channel				37900	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2615			
10	QPSK	1	0	19.64	19.78	19.62	20.8	0	
10	QPSK	1	25	19.73	19.94	19.79			
10	QPSK	1	49	19.59	19.53	19.42			
10	QPSK	25	0	19.80	19.78	19.72			
10	QPSK	25	12	19.71	19.69	19.72	20.8	0	
10	QPSK	25	25	19.32	19.45	19.29			
10	QPSK	50	0	19.52	19.69	19.49			
10	16QAM	1	0	19.28	19.25	19.24			
10	16QAM	1	25	19.07	19.17	19.11	20.8	0	
10	16QAM	1	49	19.23	19.25	19.24			
10	16QAM	25	0	19.62	19.71	19.71			
10	16QAM	25	12	19.74	19.88	19.65			
10	16QAM	25	25	19.69	19.62	19.74	20.8	0	
10	16QAM	50	0	19.49	19.74	19.46			
10	64QAM	1	0	18.85	19.00	18.89			
10	64QAM	1	25	19.12	19.32	19.19			
10	64QAM	1	49	19.03	19.04	19.01	20.8	0	
10	64QAM	25	0	19.32	19.44	19.24			
10	64QAM	25	12	19.50	19.48	19.53			
10	64QAM	25	25	19.33	19.48	19.34			
10	64QAM	50	0	19.43	19.42	19.34	Tune-up limit (dBm)	MPR (dB)	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.65	19.73	19.63		20.8	
5	QPSK	1	12	19.81	19.83	19.87			
5	QPSK	1	24	19.54	19.63	19.37			
5	QPSK	12	0	19.80	19.66	19.72			
5	QPSK	12	7	19.63	19.61	19.64	20.8	0	
5	QPSK	12	13	19.30	19.59	19.27			
5	QPSK	25	0	19.49	19.70	19.46			
5	16QAM	1	0	19.38	19.24	19.34			
5	16QAM	1	12	19.11	19.18	19.15	20.8	0	
5	16QAM	1	24	19.22	19.23	19.23			
5	16QAM	12	0	19.58	19.60	19.67			
5	16QAM	12	7	19.73	19.81	19.64			
5	16QAM	12	13	19.58	19.71	19.63	20.8	0	
5	16QAM	25	0	19.54	19.76	19.51			
5	64QAM	1	0	18.90	18.95	18.90			
5	64QAM	1	12	19.22	19.21	19.29			
5	64QAM	1	24	18.96	19.16	18.94	20.8	0	
5	64QAM	12	0	19.34	19.41	19.26			
5	64QAM	12	7	19.51	19.55	19.54			
5	64QAM	12	13	19.27	19.53	19.28			
5	64QAM	25	0	19.54	19.41	19.45	Tune-up limit (dBm)	MPR (dB)	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.70	19.76	19.74		18.6	
5	QPSK	1	12	18.12	18.15	18.08			
5	QPSK	1	24	17.80	17.83	17.77			
5	QPSK	12	0	17.65	17.60	17.63			
5	QPSK	12	7	17.54	17.55	17.52	18.6	0	
5	QPSK	12	13	17.38	17.46	17.38			
5	QPSK	25	0	17.58	17.51	17.54			
5	16QAM	1	0	17.15	17.25	17.04			
5	16QAM	1	12	17.16	17.16	17.06	18.6	0	
5	16QAM	1	24	17.01	17.04	17.12			
5	16QAM	12	0	17.61	17.67	17.50			
5	16QAM	12	7	17.54	17.60	17.45			
5	16QAM	12	13	17.55	17.56	17.52	18.6	0	
5	16QAM	25	0	17.72	17.64	17.56			
5	64QAM	1	0	17.15	17.37	17.16			
5	64QAM	1	12	17.66	17.65	17.49			
5	64QAM	1	24	17.37	17.44	17.42	18.6	0	
5	64QAM	12	0	17.49	17.40	17.44			
5	64QAM	12	7	17.41	17.63	17.42			
5	64QAM	12	13	17.57	17.56	17.39			
5	64QAM	25	0	17.43	17.59	17.48	Tune-up limit (dBm)	MPR (dB)	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	17.70	17.76	17.74		18.6	
5	QPSK	1	12	18.12	18.15	18.08			
5	QPSK	1	24	17.80	17.83	17.77			
5	QPSK	12	0	17.65	17.60	17.63			
5	QPSK	12	7	17.54	17.55	17.52	18.6	0	
5	QPSK	12	13	17.38	17.46	17.38			
5	QPSK	25	0	17.58	17.51	17.54			
5	16QAM	1	0	17.15	17.25	17.04			
5	16QAM	1	12	17.16	17.16	17.06	18.6	0	
5	16QAM	1	24	17.01	17.04	17.12			

Band 41_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Low Ch / Freq	Power Middle High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	20.8	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	19.88	19.95	19.81	19.83	20.8	0
20	QPSK	1	49	19.97	20.10	19.92	19.90		
20	QPSK	1	99	20.03	20.05	19.97	20.05	20.8	0
20	QPSK	50	0	19.85	20.00	19.95	19.87		
20	QPSK	50	24	19.83	19.90	19.78	19.77	20.8	0
20	QPSK	50	50	19.94	19.95	19.90	19.87		
20	QPSK	100	0	19.86	19.85	19.70	19.74	20.8	0
20	16QAM	1	0	19.64	19.66	19.50	19.49		
20	16QAM	1	49	19.96	20.07	19.95	20.07	20.8	0
20	16QAM	1	99	19.60	19.64	19.50	19.62		
20	16QAM	50	0	19.89	20.01	19.86	19.89	20.8	0
20	16QAM	50	24	20.00	20.03	20.02	20.03		
20	16QAM	50	50	19.77	19.84	19.68	19.65	20.8	0
20	16QAM	100	0	19.82	20.01	19.93	19.86		
20	64QAM	1	0	19.75	19.77	19.67	19.66	20.8	0
20	64QAM	1	49	19.95	20.01	19.98	19.97		
20	64QAM	1	99	19.74	19.80	19.76	19.68	20.8	0
20	64QAM	50	0	20.03	20.08	19.98	19.90		
20	64QAM	50	24	19.91	20.09	19.95	20.01	20.8	0
20	64QAM	50	50	19.77	19.92	19.80	19.80		
20	64QAM	100	0	19.97	20.02	19.84	19.92	20.8	0
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2565.5	2594.5	2647.5	20.8	0
15	QPSK	1	0	19.71	19.81	19.64	19.75		
15	QPSK	1	37	19.81	20.04	19.76	19.84	20.8	0
15	QPSK	1	74	19.96	19.88	19.90	19.86		
15	QPSK	36	0	19.72	19.88	19.82	19.75	20.8	0
15	QPSK	36	20	19.73	19.73	19.68	19.60		
15	QPSK	36	39	19.80	19.90	19.76	19.82	20.8	0
15	QPSK	75	0	19.85	19.77	19.78	19.63		
15	16QAM	1	0	19.50	19.60	19.36	19.43	20.8	0
15	16QAM	1	37	19.82	19.97	19.81	19.97		
15	16QAM	1	74	19.60	19.52	19.50	19.50	20.8	0
15	16QAM	36	0	19.77	19.94	19.74	19.82		
15	16QAM	36	20	19.96	19.91	19.98	19.91	20.8	0
15	16QAM	36	39	19.76	19.70	19.67	19.51		
15	16QAM	75	0	19.74	19.97	19.85	19.82	20.8	0
15	64QAM	1	0	19.75	19.60	19.67	19.49		
15	64QAM	1	37	19.81	19.96	19.84	19.94	20.8	0
15	64QAM	1	74	19.65	19.65	19.67	19.53		
15	64QAM	36	0	19.93	19.92	19.88	19.74	20.8	0
15	64QAM	36	20	19.77	19.94	19.81	19.86		
15	64QAM	36	39	19.69	19.82	19.72	19.70	20.8	0
15	64QAM	75	0	19.88	19.95	19.75	19.85		
Channel				40090	40350	40620	41160	20.8	0
Frequency (MHz)				2550	2570	2590	2650		
10	QPSK	1	0	19.71	19.82	19.64	19.63	20.8	0
10	QPSK	1	25	19.84	19.92	19.79	19.72		
10	QPSK	1	49	19.92	20.01	19.86	20.01	20.8	0
10	QPSK	25	0	19.75	19.91	19.85	19.78		
10	QPSK	25	12	19.74	19.81	19.69	19.68	20.8	0
10	QPSK	25	25	19.75	19.89	19.71	19.81		
10	QPSK	50	0	19.68	19.87	19.61	19.73	20.8	0
10	16QAM	1	0	19.48	19.52	19.34	19.35		
10	16QAM	1	25	19.82	20.06	19.81	20.06	20.8	0
10	16QAM	1	49	19.56	19.62	19.46	19.60		
10	16QAM	25	0	19.73	20.01	19.70	19.89	20.8	0
10	16QAM	25	12	19.84	19.90	19.86	19.90		
10	16QAM	25	25	19.77	19.80	19.68	19.61	20.8	0
10	16QAM	50	0	19.65	19.82	19.76	19.67		
10	64QAM	1	0	19.67	19.63	19.59	19.52	20.8	0
10	64QAM	1	25	19.78	19.98	19.61	19.94		
10	64QAM	1	49	19.71	19.68	19.73	19.56	20.8	0
10	64QAM	25	0	20.02	20.01	19.97	19.83		
10	64QAM	25	12	19.74	20.00	19.78	19.92	20.8	0
10	64QAM	25	25	19.62	19.87	19.65	19.75		
10	64QAM	50	0	19.94	19.91	19.61	19.61	20.8	0
Channel				40065	40335	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	20.8	0
5	QPSK	1	0	19.79	19.87	19.72	19.77		
5	QPSK	1	12	19.96	19.99	19.91	19.79	20.8	0
5	QPSK	1	24	19.99	19.93	19.93	19.93		
5	QPSK	12	0	19.66	19.96	19.76	19.83	20.8	0
5	QPSK	12	7	19.76	19.87	19.71	19.74		
5	QPSK	12	13	19.83	19.95	19.79	19.87	20.8	0
5	QPSK	25	0	19.76	19.75	19.69	19.61		
5	16QAM	1	0	19.57	19.54	19.43	19.37	20.8	0
5	16QAM	1	12	19.83	19.97	19.82	19.97		
5	16QAM	1	24	19.45	19.50	19.35	19.48	20.8	0
5	16QAM	12	0	19.87	19.99	19.84	19.87		
5	16QAM	12	7	19.95	19.86	19.97	19.86	20.8	0
5	16QAM	12	13	19.58	19.68	19.49	19.49		
5	16QAM	25	0	19.73	19.90	19.84	19.75	20.8	0
5	64QAM	1	0	19.67	19.63	19.59	19.52		
5	64QAM	1	12	19.95	19.97	19.98	19.93	20.8	0
5	64QAM	1	24	19.64	19.70	19.66	19.58		
5	64QAM	12	0	19.97	20.01	19.92	19.83	20.8	0
5	64QAM	12	7	19.77	19.99	19.81	19.91		
5	64QAM	12	13	19.69	19.83	19.72	19.71	20.8	0
5	64QAM	25	0	19.91	19.94	19.78	19.84		

Band 41_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	21.25	21.31	21.24	21.28	22.6	0
20	QPSK	1	49	21.38	21.55	21.42	21.40		
20	QPSK	1	99	20.96	21.15	21.02	21.05		
20	QPSK	50	0	21.41	21.50	21.47	21.36		
20	QPSK	50	24	21.35	21.45	21.39	21.47	22.6	0
20	QPSK	50	50	21.20	21.36	21.36	21.25		
20	QPSK	100	0	21.38	21.49	21.39	21.45	22.6	0
20	16QAM	1	0	21.03	21.14	21.01	21.05		
20	16QAM	1	49	21.41	21.53	21.41	21.39		
20	16QAM	1	99	21.17	21.31	21.20	21.25		
20	16QAM	50	0	21.17	21.17	21.03	21.15	22.1	0.5
20	16QAM	50	24	20.95	21.13	21.04	20.97		
20	16QAM	50	50	20.66	20.74	20.65	20.70		
20	16QAM	100	0	20.79	20.89	20.73	20.81		
20	64QAM	1	0	20.62	20.75	20.57	20.65	22.1	0.5
20	64QAM	1	49	20.85	20.99	20.94	20.97		
20	64QAM	1	99	20.58	20.65	20.63	20.46		
20	64QAM	50	0	20.00	20.09	19.95	19.98		
20	64QAM	50	24	19.82	19.96	19.78	19.85	21.1	1.5
20	64QAM	50	50	19.72	19.78	19.62	19.65		
20	64QAM	100	0	20.02	20.03	19.85	19.91		
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2565.5	2594.5	2647.5		
15	QPSK	1	0	21.06	21.17	21.05	21.26	22.6	0
15	QPSK	1	37	21.22	21.37	21.26	21.22		
15	QPSK	1	74	20.83	21.07	20.89	20.97		
15	QPSK	36	0	21.26	21.36	21.32	21.17		
15	QPSK	36	20	21.22	21.52	21.26	21.51	22.6	0
15	QPSK	36	11	21.39	21.24	21.27	21.41		
15	QPSK	75	0	21.23	21.49	21.24	21.39		
15	16QAM	1	0	21.02	21.14	21.00	21.04		
15	16QAM	1	37	21.35	21.42	21.35	21.28	22.6	0
15	16QAM	1	74	20.98	21.17	21.01	21.11		
15	16QAM	36	0	21.04	21.14	20.90	21.13		
15	16QAM	36	20	20.86	21.10	20.95	20.94		
15	16QAM	36	39	20.54	20.70	20.53	20.66	22.1	0.5
15	16QAM	75	0	20.79	20.81	20.73	20.73		
15	64QAM	1	0	20.58	20.61	20.53	20.51	22.1	0.5
15	64QAM	1	37	20.81	20.82	20.78	20.70		
15	64QAM	1	74	20.46	20.50	20.51	20.31		
15	64QAM	36	0	19.96	19.92	19.91	19.91		
15	64QAM	36	20	19.72	19.93	19.68	19.82	21.1	1.5
15	64QAM	36	39	19.63	19.59	19.53	19.46		
15	64QAM	75	0	19.91	19.91	19.74	19.79		
Channel				40065	40385	40705	41155		
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	21.16	21.22	21.15	21.13	22.6	0
10	QPSK	1	25	21.29	21.45	21.33	21.30		
10	QPSK	1	49	20.89	21.05	20.96	20.95		
10	QPSK	25	0	21.25	21.44	21.31	21.21		
10	QPSK	25	12	21.35	21.46	21.39	21.45	22.6	0
10	QPSK	25	25	21.18	21.34	21.34	21.23		
10	QPSK	50	0	21.23	21.49	21.24	21.39		
10	16QAM	1	0	20.85	21.11	20.83	21.01		
10	16QAM	1	25	21.23	21.36	21.23	21.22	22.6	0
10	16QAM	1	49	21.02	21.30	21.05	21.24		
10	16QAM	25	0	21.12	21.17	20.98	21.15		
10	16QAM	25	12	20.85	21.13	20.94	20.97		
10	16QAM	25	25	20.54	20.57	20.53	20.53	22.1	0.5
10	16QAM	50	0	20.70	20.89	20.64	20.81		
10	64QAM	1	0	20.46	20.59	20.41	20.46	22.1	0.5
10	64QAM	1	25	20.67	20.90	20.76	20.88		
10	64QAM	1	49	20.46	20.49	20.51	20.30		
10	64QAM	25	0	19.90	19.99	19.85	19.88		
10	64QAM	25	12	19.72	19.85	19.68	19.74	21.1	1.5
10	64QAM	25	25	19.59	19.72	19.49	19.58		
10	64QAM	50	0	19.83	19.95	19.66	19.83		
Channel				40063	40385	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	21.10	21.25	21.09	21.25		
5	QPSK	1	15	21.35	21.45	21.39	21.30		
5	QPSK	12	0	20.90	21.02	20.90	20.92		
5	QPSK	12	7	21.32	21.43	21.38	21.34		
5	QPSK	12	13	21.08	21.30	21.24	21.19	22.6	0
5	QPSK	25	0	21.38	21.55	21.39	21.45		
5	16QAM	1	0	20.87	21.06	20.85	20.96		
5	16QAM	1	12	21.28	21.38	21.28	21.24		
5	16QAM	12	0	21.03	21.24	21.11	21.18	22.6	0
5	16QAM	12	0	21.03	21.15	20.89	21.13		
5	16QAM	12	7	20.83	20.93	20.82	20.79		
5	16QAM	12	13	20.56	20.72	20.55	20.66		
5	16QAM	25	0	20.67	20.75	20.61	20.65	22.1	0.5
5	64QAM	1	0	20.60	20.59	20.55	20.49		
5	64QAM	1	12	20.75	20.88	20.84	20.86	22.1	0.5
5	64QAM	1	24	20.45	20.57	20.50	20.38		
5	64QAM	12	0	19.97	19.97	19.84	19.95		
5	64QAM	12	7	19.73	19.73	19.69	19.81		
5	64QAM	12	13	19.57	19.65	19.47	19.52	21.1	1.5
5	64QAM	25	0	19.89	19.86	19.72	19.74		



DSI6

GSM850_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.03	31.95	31.99	33.00	23.03	22.95	22.99	24.00
GPRS 1 Tx slot	32.01	32.04	31.92	33.00	23.01	23.04	22.92	24.00
GPRS 2 Tx slots	29.08	29.19	29.16	30.30	23.08	23.19	23.16	24.30
GPRS 3 Tx slots	27.56	27.28	27.45	28.50	23.30	23.02	23.19	24.24
GPRS 4 Tx slots	26.74	26.78	26.64	28.00	23.74	23.78	23.64	25.00
EDGE 1 Tx slot	26.51	26.31	26.28	27.50	17.51	17.31	17.28	18.50
EDGE 2 Tx slots	24.85	24.74	24.76	26.00	18.85	18.74	18.76	20.00
EDGE 3 Tx slots	22.74	22.75	22.61	23.90	18.48	18.49	18.35	19.64
EDGE 4 Tx slots	21.13	21.06	21.08	22.30	18.13	18.06	18.08	19.30

GSM1900_Ant13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.03	24.93	24.89	25.70	16.03	15.93	15.89	16.70
GPRS 1 Tx slot	24.90	24.84	24.96	25.70	15.90	15.84	15.96	16.70
GPRS 2 Tx slots	22.38	22.40	22.39	23.00	16.38	16.40	16.39	17.00
GPRS 3 Tx slots	20.56	20.66	20.53	21.00	16.30	16.40	16.27	16.74
GPRS 4 Tx slots	20.23	20.44	20.40	21.00	17.23	17.44	17.40	18.00
EDGE 1 Tx slot	24.70	24.80	24.94	25.70	15.70	15.80	15.94	16.70
EDGE 2 Tx slots	21.86	21.94	22.00	23.00	15.86	15.94	16.00	17.00
EDGE 3 Tx slots	19.70	19.81	19.81	21.00	15.44	15.55	15.55	16.74
EDGE 4 Tx slots	19.45	19.47	19.59	20.50	16.45	16.47	16.59	17.50

Band	WCDMA II_Ant31			Tune-up Limit (dBm)	WCDMA IV_Ant31			Tune-up Limit (dBm)	WCDMA V_Ant31			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9662	9800	9938	(dBm)	1537	1638	1738	(dBm)	4357	4407	4458	(dBm)	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	17.89	17.93	18.04	19.30	18.53	18.48	18.50	19.80	23.04	22.88	23.03	24.30
3GPP Rel 99	RMC 12.2Kbps	18.07	18.13	18.08	19.30	18.54	18.62	18.48	19.80	23.09	23.10	23.05	24.30
3GPP Rel 6	HSDPA Subtest-1	16.81	16.86	17.04	18.10	17.56	17.49	17.66	18.60	21.99	22.05	22.07	23.10
3GPP Rel 6	HSDPA Subtest-2	17.08	16.97	17.10	18.10	17.67	17.63	17.63	18.60	21.88	21.97	21.92	23.10
3GPP Rel 6	HSDPA Subtest-3	16.48	16.42	16.71	17.60	17.04	17.22	17.15	18.10	21.39	21.50	21.45	22.60
3GPP Rel 6	HSDPA Subtest-4	16.45	16.49	16.68	17.60	17.00	17.26	17.07	18.10	21.37	21.48	21.44	22.60
3GPP Rel 6	DC-HSDPA Subtest-1	16.88	16.74	16.84	18.10	17.57	17.52	17.59	18.60	21.97	21.93	21.94	23.10
3GPP Rel 6	DC-HSDPA Subtest-2	16.99	16.85	17.01	18.10	17.54	17.52	17.51	18.60	21.83	21.94	21.85	23.10
3GPP Rel 6	DC-HSDPA Subtest-3	16.45	16.34	16.57	17.60	17.05	17.21	17.12	18.10	21.25	21.35	21.37	22.60
3GPP Rel 6	DC-HSDPA Subtest-4	16.51	16.38	16.44	17.60	17.03	17.02	16.98	18.10	21.36	21.38	21.32	22.60
3GPP Rel 6	HSUPA Subtest-1	17.01	16.97	17.05	18.10	17.41	17.55	17.47	18.60	21.80	21.92	21.91	23.30
3GPP Rel 6	HSUPA Subtest-2	14.96	14.94	15.08	16.10	15.59	15.64	15.64	16.60	19.97	20.04	19.91	21.30
3GPP Rel 6	HSUPA Subtest-3	15.89	15.95	16.08	17.10	16.48	16.63	16.55	17.60	20.90	20.94	20.94	22.30
3GPP Rel 6	HSUPA Subtest-4	14.95	14.89	15.05	16.10	15.59	15.70	15.53	16.60	19.98	19.96	20.09	21.30
3GPP Rel 6	HSUPA Subtest-5	17.02	16.94	17.09	18.10	17.54	17.74	17.52	18.60	21.80	21.80	22.00	23.00

Band	WCDMA II_Ant13			Tune-up Limit (dBm)	WCDMA IV_Ant13			Tune-up Limit (dBm)	WCDMA V_Ant13			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	15.56	15.57	15.53	17.00	16.65	16.58	16.57	18.00	18.98	18.91	18.89	20.50
3GPP Rel 99	RMC 12.2Kbps	15.59	15.64	15.51	17.00	16.56	16.69	16.62	18.00	18.95	18.01	18.97	20.50
3GPP Rel 6	HSDPA Subtest-1	14.43	14.43	14.48	15.80	15.50	15.42	15.54	16.80	18.04	18.08	17.98	19.30
3GPP Rel 6	HSDPA Subtest-2	14.53	14.53	14.53	15.80	15.48	15.58	15.52	16.80	17.92	17.88	17.91	19.30
3GPP Rel 6	HSDPA Subtest-3	14.08	14.11	14.11	15.30	14.92	15.03	15.00	16.30	17.43	17.50	17.39	18.80
3GPP Rel 6	HSDPA Subtest-4	14.08	14.04	14.23	15.30	14.97	15.00	14.92	16.30	17.44	17.46	17.42	18.80
3GPP Rel 6	DC-HSDPA Subtest-1	14.44	14.22	14.41	15.80	15.35	15.34	15.31	16.80	17.97	18.05	18.07	19.30
3GPP Rel 6	DC-HSDPA Subtest-2	14.53	14.49	14.54	15.80	15.50	15.50	15.35	16.80	17.86	17.86	17.88	19.30
3GPP Rel 6	DC-HSDPA Subtest-3	14.02	14.01	14.10	15.30	14.74	14.86	14.98	16.30	17.39	17.38	17.50	18.80
3GPP Rel 6	DC-HSDPA Subtest-4	14.02	14.04	14.04	15.30	14.82	14.93	14.87	16.30	17.41	17.50	17.40	18.80
3GPP Rel 6	HSUPA Subtest-1	14.51	14.54	14.65	15.80	15.39	15.48	15.36	16.80	17.95	18.00	17.97	19.50
3GPP Rel 6	HSUPA Subtest-2	12.50	12.55	12.57	13.80	13.63	13.55	13.48	14.80	15.99	15.91	15.90	17.50
3GPP Rel 6	HSUPA Subtest-3	13.49	13.58	13.52	14.60	14.60	14.59	14.57	15.80	16.80	16.93	16.90	19.50
3GPP Rel 6	HSUPA Subtest-4	12.54	12.59	12.62	13.80	13.69	13.64	13.48	14.80	16.02	16.06	15.95	17.50
3GPP Rel 6	HSUPA Subtest-5	14.61	14.52	14.50	15.80	15.50	15.53	15.42	16.80	17.91	17.82	17.94	19.20

GSM850_Ant31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.75	31.65	31.80	32.70	22.75	22.65	22.80	23.70
GPRS 1 Tx slot	31.77	31.61	31.68	32.70	22.77	22.61	22.68	23.70
GPRS 2 Tx slots	29.66	29.71	29.70	30.50	23.66	23.71	23.70	24.50
GPRS 3 Tx slots	27.86	27.92	27.91	29.00	23.62	23.66	23.65	24.74
GPRS 4 Tx slots	26.12	26.03	26.16	27.00	23.12	23.03	23.16	24.00
EDGE 1 Tx slot	25.97	25.84	25.85	27.00	16.97	16.84	16.85	18.00
EDGE 2 Tx slots	24.33	24.27	24.34	25.50	18.33	18.27	18.34	19.50
EDGE 3 Tx slots	22.27	22.12	22.18	23.50	18.01	17.86	17.92	19.24
EDGE 4 Tx slots	20.53	20.56	20.55	21.80	17.53	17.56	17.55	18.80

GSM1900_Ant31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.41	28.44	28.53	29.50	19.41	19.44	19.53	20.50
GPRS 1 Tx slot	28.37	28.43	28.43	29.50	19.37	19.43	19.43	20.50
GPRS 2 Tx slots	24.66	24.76	24.82	26.00	18.66	18.76	18.82	20.00
GPRS 3 Tx slots	23.00	23.18	23.37	24.10	18.74	18.92	19.11	19.84
GPRS 4 Tx slots	21.80	21.92	21.97	22.80	18.80	18.92	18.97	19.80
EDGE 1 Tx slot	25.01	25.15	25.31	26.50	16.01	16.15	16.31	17.50
EDGE 2 Tx slots	23.34	23.42	23.73	24.20	17.34	17.42	17.73	18.20
EDGE 3 Tx slots	21.18	21.24	21.60	22.30	16.92	16.98	17.34	18.04
EDGE 4 Tx slots	19.85	20.10	20.23	21.00	16.85	17.10	17.23	18.00

Band 2_Ant13

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
20	QPSK	1	0	16.11	16.16	16.12	17	0
20	QPSK	1	49	16.14	16.32	16.25		
20	QPSK	1	99	16.28	16.30	16.21		
20	QPSK	50	0	16.01	16.20	16.01	17	0
20	QPSK	50	24	16.03	16.03	16.07		
20	QPSK	50	50	15.99	16.10	16.11		
20	QPSK	100	0	16.08	16.14	16.12	17	0
20	16QAM	1	0	15.96	16.18	16.18		
20	16QAM	1	49	16.01	16.17	16.17		
20	16QAM	1	99	16.07	16.17	16.13	17	0
20	16QAM	50	0	16.00	16.01	16.12		
20	16QAM	50	24	15.89	16.16	16.19		
20	16QAM	50	50	16.00	16.10	16.10	17	0
20	16QAM	100	0	16.05	16.12	16.10		
20	64QAM	1	0	16.12	16.13	16.15		
20	64QAM	1	49	16.13	16.23	16.17	17	0
20	64QAM	1	99	16.06	16.05	16.11		
20	64QAM	50	0	16.04	16.20	16.14		
20	64QAM	50	24	16.05	16.15	16.19	17	0
20	64QAM	50	50	15.92	16.05	16.08		
20	64QAM	100	0	15.98	16.15	16.16		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							1602.5	1602.5
15	QPSK	1	0	15.97	16.15	16.11	17	0
15	QPSK	1	37	16.01	16.06	16.06		
15	QPSK	1	74	16.09	16.09	16.13		
15	QPSK	36	0	15.89	16.08	15.85	17	0
15	QPSK	36	20	15.96	15.93	15.93		
15	QPSK	36	39	15.86	16.01	15.93		
15	QPSK	75	0	15.87	15.92	15.95	17	0
15	16QAM	1	0	15.89	15.96	15.99		
15	16QAM	1	37	15.76	15.91	16.00		
15	16QAM	1	74	15.99	15.91	15.89	17	0
15	16QAM	36	0	15.85	15.89	16.09		
15	16QAM	36	20	15.77	16.08	15.97		
15	16QAM	36	39	15.86	15.92	15.90	17	0
15	16QAM	75	0	15.85	16.07	15.94		
15	64QAM	1	0	15.88	16.05	15.91		
15	64QAM	1	37	15.77	16.01	15.96	17	0
15	64QAM	1	74	15.90	15.90	15.95		
15	64QAM	36	0	15.93	15.99	16.04		
15	64QAM	36	20	15.90	16.08	16.10	17	0
15	64QAM	36	39	15.75	15.95	15.96		
15	64QAM	75	0	15.81	15.89	15.96		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							1605.0	1605.0
10	QPSK	1	0	15.99	16.09	16.07	17	0
10	QPSK	1	25	15.98	16.16	16.04		
10	QPSK	1	49	16.05	16.07	16.09		
10	QPSK	25	0	15.80	15.96	15.84	17	0
10	QPSK	25	12	15.91	15.92	15.97		
10	QPSK	25	25	15.92	15.90	15.96		
10	QPSK	50	0	15.86	15.95	16.00	17	0
10	16QAM	1	0	15.83	16.04	15.93		
10	16QAM	1	25	15.90	16.01	16.07		
10	16QAM	1	49	15.94	15.99	15.92	17	0
10	16QAM	25	0	15.87	15.93	16.04		
10	16QAM	25	12	15.75	16.07	16.02		
10	16QAM	25	25	15.88	16.00	15.98	17	0
10	16QAM	50	0	15.91	15.96	15.98		
10	64QAM	1	0	15.91	16.04	15.99		
10	64QAM	1	25	15.75	15.99	15.91	17	0
10	64QAM	1	49	15.86	15.96	15.99		
10	64QAM	25	0	15.79	16.10	16.03		
10	64QAM	25	12	15.87	16.10	16.07	17	0
10	64QAM	25	25	15.77	15.94	16.01		
10	64QAM	50	0	15.92	15.96	15.92		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							1607.5	1607.5
5	QPSK	1	0	15.96	16.04	16.03	17	0
5	QPSK	1	12	16.02	16.12	16.06		
5	QPSK	1	24	16.12	16.08	16.06		
5	QPSK	12	0	15.84	16.08	15.91	17	0
5	QPSK	12	7	15.94	15.90	15.90		
5	QPSK	12	13	15.86	15.99	15.98		
5	QPSK	25	0	15.88	15.93	15.90	17	0
5	16QAM	1	0	15.91	15.96	15.99		
5	16QAM	1	12	15.81	15.92	16.06		
5	16QAM	1	24	15.96	16.01	15.94	17	0
5	16QAM	12	0	15.79	15.96	15.99		
5	16QAM	12	7	15.76	16.10	16.05		
5	16QAM	12	13	15.90	16.04	15.98	17	0
5	16QAM	25	0	15.89	16.02	16.03		
5	64QAM	1	0	16.00	15.96	15.86		
5	64QAM	1	12	15.86	16.04	15.93	17	0
5	64QAM	1	24	15.98	16.01	15.95		
5	64QAM	12	0	15.82	16.09	15.98		
5	64QAM	12	7	15.89	16.06	16.06	17	0
5	64QAM	12	13	15.78	15.92	15.87		
5	64QAM	25	0	15.84	15.86	16.03		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							1610.5	1610.5
3	QPSK	1	0	16.05	16.14	16.03	17	0
3	QPSK	1	8	16.05	16.19	16.13		
3	QPSK	1	14	16.08	16.09	16.06		
3	QPSK	8	0	15.79	15.95	15.93	17	0
3	QPSK	8	4	15.94	15.91	15.86		
3	QPSK	8	7	15.90	15.96	15.97		
3	QPSK	15	0	15.92	15.87	15.91	17	0
3	16QAM	1	0	15.79	16.03	15.95		
3	16QAM	1	8	15.89	15.89	16.04		
3	16QAM	1	14	15.92	15.93	15.93	17	0
3	16QAM	8	0	15.80	15.93	15.99		
3	16QAM	8	4	15.85	16.06	16.01		
3	16QAM	8	7	15.94	15.93	15.99	17	0
3	16QAM	15	0	15.84	16.06	15.97		
3	64QAM	1	0	15.98	16.03	15.86		
3	64QAM	1	8	15.89	15.98	15.96	17	0
3	64QAM	1	14	15.98	15.98	15.93		
3	64QAM	8	0	15.93	15.99	15.99		
3	64QAM	8	4	15.82	16.10	16.09	17	0
3	64QAM	8	7	15.84	15.96	15.96		
3	64QAM	15	0	15.82	15.89	15.92		
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							1800.7	1800.7
1.4	QPSK	1	0	16.00	16.03	16.05	17	0
1.4	QPSK	1	3	16.01	16.06	16.10		
1.4	QPSK	1	5	16.10	16.12	16.08		
1.4	QPSK	3	0	15.75	16.07	15.89	17	0
1.4	QPSK	3	1	15.92	15.93	15.95		
1.4	QPSK	3	3	15.97	15.89	15.97		
1.4	QPSK	6	0	15.89	15.93	15.97	17	0
1.4	16QAM	1	0	15.89	16.04	15.92		
1.4	16QAM	1	3	15.78	15.97	15.99		
1.4	16QAM	1	5	15.86	15.97	15.84	17	0
1.4	16QAM	3	0	15.84	15.86	16.08		
1.4	16QAM	3	1	15.84	16.02	16.03		
1.4	16QAM	3	3	15.86	15.94	15.96	17	0
1.4	16QAM	6	0	15.84	15.98	15.97		
1.4	64QAM	1	0	15.92	16.05	15.88		
1.4	64QAM	1	3	15.78	16.06	15.88	17	0
1.4	64QAM	1	5	15.96	15.90	15.95		
1.4	64QAM	3	0	15.90	16.04	16.01		
1.4	64QAM	3	1	15.88	15.99	16.09	17	0
1.4	64QAM	3	3	15.78	15.95	16.01		
1.4	64QAM	6	0	15.80	15.86	15.91		

Band 2_Ant31

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power
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Band 4_Ant31

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	18.40	18.45	18.39	19.4	0
20	QPSK	1	49	18.41	18.68	18.44		
20	QPSK	1	99	18.07	18.12	18.10		
20	QPSK	50	0	18.34	18.40	18.38	19.4	0
20	QPSK	50	24	18.21	18.22	18.21		
20	QPSK	50	50	18.13	18.21	18.17		
20	QPSK	100	0	18.14	18.26	18.10	19.4	0
20	16QAM	1	0	18.01	18.13	18.10		
20	16QAM	1	49	18.03	18.14	18.04		
20	16QAM	1	99	17.84	17.97	17.96	19.4	0
20	16QAM	50	0	18.37	18.42	18.24		
20	16QAM	50	24	18.32	18.37	18.32		
20	16QAM	50	50	17.98	18.13	17.96	19.4	0
20	16QAM	100	0	18.11	18.17	18.17		
20	64QAM	1	0	18.37	18.40	18.29		
20	64QAM	1	49	18.26	18.45	18.40	19.4	0
20	64QAM	1	99	18.04	18.22	18.14		
20	64QAM	50	0	18.25	18.37	18.23		
20	64QAM	50	24	18.09	18.22	18.13	19.4	0
20	64QAM	50	50	18.18	18.19	18.11		
20	64QAM	100	0	18.31	18.33	18.26		
Channel								
Frequency (MHz)								
15	QPSK	1	0	17.12.5	17.22.5	17.22.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	37	18.35	18.65	18.38		
15	QPSK	1	74	18.06	17.98	18.09		
15	QPSK	36	0	18.26	18.36	18.30	19.4	0
15	QPSK	36	20	18.12	18.03	18.12		
15	QPSK	36	39	18.07	18.17	18.11		
15	QPSK	75	0	17.96	18.22	18.20	19.4	0
15	16QAM	1	0	17.98	17.97	18.07		
15	16QAM	1	37	17.89	18.03	17.90		
15	16QAM	1	74	17.75	17.94	17.87	19.4	0
15	16QAM	36	0	18.36	18.24	18.23		
15	16QAM	36	20	18.29	18.27	18.29		
15	16QAM	36	39	17.89	18.03	17.88	19.4	0
15	16QAM	75	0	18.08	18.04	18.14		
15	64QAM	1	0	18.37	18.25	18.29		
15	64QAM	1	37	18.20	18.29	18.32	19.4	0
15	64QAM	1	74	17.90	18.18	18.00		
15	64QAM	36	0	18.07	18.29	18.05		
15	64QAM	36	20	17.89	18.19	18.03	19.4	0
15	64QAM	36	39	18.08	18.15	18.01		
15	64QAM	75	0	18.31	18.19	18.26		
Channel								
Frequency (MHz)								
10	QPSK	1	0	17.15	17.22.5	17.250	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	25	18.38	18.45	18.37		
10	QPSK	1	49	18.00	17.98	18.03		
10	QPSK	25	0	18.22	18.34	18.26	19.4	0
10	QPSK	25	12	18.05	18.08	18.05		
10	QPSK	25	25	18.13	18.07	18.17		
10	QPSK	50	0	17.95	18.15	17.91	19.4	0
10	16QAM	1	0	17.82	18.04	18.01		
10	16QAM	1	25	17.86	18.11	17.87		
10	16QAM	1	49	17.70	17.80	17.82	19.4	0
10	16QAM	25	0	18.29	18.23	18.16		
10	16QAM	25	12	18.17	18.26	18.17		
10	16QAM	25	25	17.83	18.00	17.81	19.4	0
10	16QAM	50	0	18.10	18.15	18.16		
10	64QAM	1	0	18.19	18.29	18.11		
10	64QAM	1	25	18.10	18.40	18.22	19.4	0
10	64QAM	1	49	17.90	18.07	18.00		
10	64QAM	25	0	18.24	18.36	18.22		
10	64QAM	25	12	18.02	18.19	18.06	19.4	0
10	64QAM	25	25	17.99	18.15	17.92		
10	64QAM	50	0	18.30	18.24	18.25		
Channel								
Frequency (MHz)								
5	QPSK	1	0	18.30	18.37	18.29	19.4	0
5	QPSK	1	12	18.39	18.56	18.42		
5	QPSK	1	24	17.91	17.99	17.94		
5	QPSK	12	0	18.21	18.30	18.25	19.4	0
5	QPSK	12	7	18.06	18.10	18.06		
5	QPSK	12	13	18.04	18.04	18.06		
5	QPSK	25	0	18.07	18.16	18.03	19.4	0
5	16QAM	1	0	17.89	18.02	17.98		
5	16QAM	1	12	17.93	17.97	17.94		
5	16QAM	1	24	17.69	17.83	17.81	19.4	0
5	16QAM	12	0	18.26	18.32	18.13		
5	16QAM	12	7	18.19	18.30	18.19		
5	16QAM	12	13	17.87	18.04	17.85	19.4	0
5	16QAM	25	0	17.96	18.01	18.02		
5	64QAM	1	0	18.28	18.35	18.20		
5	64QAM	1	12	18.09	18.44	18.21	19.4	0
5	64QAM	1	24	17.86	18.16	17.96		
5	64QAM	12	0	18.23	18.18	18.21		
5	64QAM	12	7	18.09	18.14	18.13	19.4	0
5	64QAM	12	13	18.00	18.00	17.93		
5	64QAM	25	0	18.22	18.31	18.17		
Channel								
Frequency (MHz)								
3	QPSK	1	0	18.37	18.37	18.36	19.4	0
3	QPSK	1	8	18.33	18.66	18.36		
3	QPSK	1	14	17.97	18.05	18.00		
3	QPSK	8	0	18.30	18.40	18.34	19.4	0
3	QPSK	8	4	18.16	18.12	18.16		
3	QPSK	8	7	18.11	18.12	18.15		
3	QPSK	15	0	17.99	18.13	17.95	19.4	0
3	16QAM	1	0	17.86	18.00	17.95		
3	16QAM	1	8	18.02	18.12	18.03		
3	16QAM	1	14	17.75	17.90	17.87	19.4	0
3	16QAM	8	0	18.25	18.37	18.12		
3	16QAM	8	4	18.27	18.21	18.27		
3	16QAM	8	7	17.88	17.96	17.96	19.4	0
3	16QAM	15	0	18.11	18.12	18.17		
3	16QAM	1	0	18.24	18.22	18.16		
3	64QAM	1	8	18.10	18.29	18.22	19.4	0
3	64QAM	1	14	18.04	18.13	18.14		
3	64QAM	8	0	18.17	18.21	18.15		
3	64QAM	8	4	17.99	18.07	18.03	19.4	0
3	64QAM	8	7	18.06	18.08	17.99		
3	64QAM	15	0	18.20	18.24	18.15		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	17.15	17.22.5	17.25.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	3	18.27	18.53	18.30		
1.4	QPSK	1	5	17.95	18.04	17.98		
1.4	QPSK	3	0	18.26	18.30	18.30	19.4	0
1.4	QPSK	3	1	18.08	18.19	18.09		
1.4	QPSK	3	3	18.06	18.02	18.13		
1.4	QPSK	6	0	18.00	18.26	17.95	19.4	0
1.4	16QAM	1	0	17.88	17.99	17.97		
1.4	16QAM	1	3	18.03	17.96	18.04		
1.4	16QAM	1	5	17.67	17.80	17.79	19.4	0
1.4	16QAM	3	0	18.29	18.25	18.16		
1.4	16QAM	3	1	18.31	18.36	18.31		
1.4	16QAM	3	3	17.81	17.96	17.90	19.4	0
1.4	16QAM	6	0	17.92	18.00	17.98		
1.4	64QAM	1	0	18.28	18.38	18.20		
1.4	64QAM	1	3	18.24	18.39	18.36	19.4	0
1.4	64QAM	1	5	17.85	18.13	17.95		
1.4	64QAM	3	0	18.16	18.32	18.16		
1.4	64QAM	3	1	17.90	18.11	17.94	19.4	0
1.4	64QAM	3	3	18.13	18.06	18.06		
1.4	64QAM	6	0	18.23	18.31	18.18		

Band 7_Ant13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.12	17.15	17.10	18	0	
20	QPSK	1	49	17.15	17.25	17.21			
20	QPSK	1	99	16.91	17.07	16.95			
20	QPSK	50	0	17.04	17.18	17.14	18	0	
20	QPSK	50	24	17.05	17.16	17.08			
20	QPSK	50	50	17.11	17.11	17.07			
20	QPSK	100	0	17.09	17.12	17.05	18	0	
20	16QAM	1	0	16.72	16.81	16.71			
20	16QAM	1	49	16.88	17.01	16.92			
20	16QAM	1	99	16.81	16.95	16.84	18	0	
20	16QAM	50	0	17.13	17.16	17.13			
20	16QAM	50	24	16.86	17.04	16.86			
20	16QAM	50	50	16.94	17.12	17.08	18	0	
20	16QAM	100	0	17.07	17.09	16.99			
20	64QAM	1	0	16.84	17.11	17.11	18	0	
20	64QAM	1	49	17.05	17.15	17.06			
20	64QAM	1	99	17.08	17.10	17.07			
20	64QAM	50	0	17.02	17.12	17.06	18	0	
20	64QAM	50	24	17.07	17.12	17.06			
20	64QAM	50	50	16.97	17.14	17.02			
20	64QAM	100	0	16.94	17.08	16.92	18	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	17.11	16.99	17.09	18	0	
15	QPSK	1	37	17.11	17.21	17.17			
15	QPSK	1	74	16.77	17.03	16.81			
15	QPSK	36	0	16.88	17.07	16.98	18	0	
15	QPSK	36	20	16.88	17.15	16.91			
15	QPSK	36	39	16.98	17.11	16.94			
15	QPSK	75	0	16.94	17.11	16.90	18	0	
15	16QAM	1	0	16.88	16.72	16.87			
15	16QAM	1	37	16.73	17.01	16.77			
15	16QAM	1	74	16.31	16.41	16.34	18	0	
15	16QAM	36	0	16.98	17.07	16.98			
15	16QAM	36	20	16.85	16.98	16.85			
15	16QAM	36	39	16.82	16.99	16.86	18	0	
15	16QAM	75	0	17.02	16.98	16.94			
15	64QAM	1	0	16.94	16.99	17.11			
15	64QAM	1	37	16.99	17.01	17.00	18	0	
15	64QAM	1	74	17.04	17.04	17.03			
15	64QAM	36	0	16.96	16.97	17.00			
15	64QAM	36	20	16.93	17.04	17.02	18	0	
15	64QAM	36	39	16.94	16.97	16.99			
15	64QAM	75	0	16.75	16.98	16.73			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	16.99	16.97	16.97	18	0	
10	QPSK	1	25	17.13	17.23	17.19			
10	QPSK	1	49	16.77	16.96	16.81			
10	QPSK	25	0	16.97	17.13	16.97	18	0	
10	QPSK	25	12	17.02	17.03	17.05			
10	QPSK	25	25	17.08	16.97	17.04			
10	QPSK	50	0	16.93	17.06	16.89	18	0	
10	16QAM	1	0	16.57	16.70	16.56			
10	16QAM	1	25	16.84	16.82	16.88			
10	16QAM	1	49	16.26	16.39	16.29	18	0	
10	16QAM	25	0	17.06	16.98	17.06			
10	16QAM	25	12	16.86	16.96	16.86			
10	16QAM	25	25	16.80	16.99	16.94	18	0	
10	16QAM	50	0	16.96	16.95	16.88			
10	64QAM	1	0	16.86	17.04	17.03			
10	64QAM	1	25	17.02	17.08	17.03	18	0	
10	64QAM	1	49	17.07	16.99	17.06			
10	64QAM	25	0	16.93	17.00	16.97			
10	64QAM	25	12	17.02	17.06	17.01	18	0	
10	64QAM	25	25	16.94	17.07	16.99			
10	64QAM	50	0	16.87	17.00	16.85			
Channel				20975	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	17.09	16.96	17.07	18	0	
5	QPSK	1	12	16.98	17.06	17.04			
5	QPSK	1	24	16.91	17.07	16.95			
5	QPSK	12	0	16.89	17.06	16.99	18	0	
5	QPSK	12	7	16.91	17.09	16.94			
5	QPSK	12	13	17.10	16.96	17.06			
5	QPSK	25	0	17.01	17.04	16.97	18	0	
5	16QAM	1	0	16.57	16.80	16.56			
5	16QAM	1	12	16.81	16.85	16.85			
5	16QAM	1	24	16.33	16.36	16.36	18	0	
5	16QAM	12	0	16.96	17.04	16.96			
5	16QAM	12	7	16.78	17.03	16.78			
5	16QAM	12	13	16.82	17.07	16.86	18	0	
5	16QAM	25	0	17.04	17.07	16.96			
5	64QAM	1	0	16.86	17.11	17.03			
5	64QAM	1	12	17.04	17.00	17.05	18	0	
5	64QAM	1	24	17.06	16.97	17.05			
5	64QAM	12	0	16.88	17.08	16.92			
5	64QAM	12	7	17.01	17.05	17.00	18	0	
5	64QAM	12	13	16.80	17.08	16.85			
5	64QAM	25	0	16.90	16.95	16.88			

Band 7_Ant31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	15.80	15.87	15.79	16.7	0	
20	QPSK	1	49	15.82	15.90	15.85			
20	QPSK	1	99	15.63	15.72	15.55			
20	QPSK	50	0	15.86	15.88	15.72	16.7	0	
20	QPSK	50	24	15.75	15.84	15.69			
20	QPSK	50	50	15.61	15.77	15.63			
20	QPSK	100	0	15.65	15.79	15.67	16.7	0	
20	16QAM	1	0	15.53	15.56	15.37			
20	16QAM	1	49	15.69	15.78	15.69			
20	16QAM	1	99	15.50	15.54	15.47	16.7	0	
20	16QAM	50	0	15.60	15.70	15.61			
20	16QAM	50	24	15.81	15.86	15.70			
20	16QAM	50	50	15.73	15.88	15.79	16.7	0	
20	16QAM	100	0	15.82	15.85	15.73			
20	64QAM	1	0	15.21	15.34	15.28	16.7	0	
20	64QAM	1	49	15.49	15.68	15.52			
20	64QAM	1	99	15.17	15.36	15.25			
20	64QAM	50	0	15.68	15.85	15.68	16.7	0	
20	64QAM	50	24	15.80	15.84	15.67			
20	64QAM	50	50	15.75	15.80	15.79			
20	64QAM	100	0	15.63	15.79	15.62	16.7	0	
Channel				20875	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	15.80	15.72	15.79	16.7	0	
15	QPSK	1	37	15.80	15.82	15.83			
15	QPSK	1	74	15.48	15.66	15.40			
15	QPSK	36	0	15.68	15.69	15.54	16.7	0	
15	QPSK	36	20	15.57	15.81	15.51			
15	QPSK	36	39	15.55	15.68	15.57			
15	QPSK	75	0	15.60	15.60	15.62	16.7	0	
15	16QAM	1	0	15.36	15.44	15.20			
15	16QAM	1	37	15.59	15.70	15.59			
15	16QAM	1	74	15.43	15.37	15.40	16.7	0	
15	16QAM	36	0	15.53	15.59	15.54			
15	16QAM	36	20	15.80	15.79	15.69			
15	16QAM	36	39	15.54	15.81	15.60	16.7	0	
15	16QAM	75	0	15.81	15.71	15.72			
15	64QAM	1	0	15.12	15.26	15.19			
15	64QAM	1	37	15.41	15.62	15.44	16.7	0	
15	64QAM	1	74	15.07	15.25	15.15			
15	64QAM	36	0	15.52	15.72	15.52			
15	64QAM	36	20	15.76	15.68	15.63	16.7	0	
15	64QAM	36	39	15.60	15.60	15.64			
15	64QAM	75	0	15.60	15.71	15.59			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	15.67	15.73	15.66	16.7	0	
10	QPSK	1	25	15.67	15.90	15.70			
10	QPSK	1	49	15.54	15.66	15.46			
10	QPSK	25	0	15.74	15.74	15.60	16.7	0	
10	QPSK	25	12	15.72	15.85	15.66			
10	QPSK	25	25	15.55	15.58	15.57			
10	QPSK	50	0	15.62	15.75	15.64	16.7	0	
10	16QAM	1	0	15.38	15.45	15.22			
10	16QAM	1	25	15.60	15.78	15.60			
10	16QAM	1	49	15.36	15.36	15.37	16.7	0	
10	16QAM	25	0	15.55	15.54	15.56			
10	16QAM	25	12	15.64	15.73	15.53			
10	16QAM	25	25	15.60	15.82	15.66	16.7	0	
10	16QAM	50	0	15.76	15.85	15.67			
10	64QAM	1	0	15.04	15.18	15.11			
10	64QAM	1	25	15.44	15.40	15.35	16.7	0	
10	64QAM	1	49	15.07	15.30	15.17			
10	64QAM	25	0	15.56	15.82	15.56			
10	64QAM	25	12	15.74	15.84	15.61	16.7	0	
10	64QAM	25	25	15.64	15.75	15.68			
10	64QAM	50	0	15.53	15.68	15.52			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	15.76	15.79	15.75	16.7	0	
5	QPSK	1	12	15.82	15.84	15.85			
5	QPSK	1	24	15.55	15.63	15.47			
5	QPSK	12	0	15.71	15.86	15.57	16.7	0	
5	QPSK	12	7	15.64	15.84	15.58			
5	QPSK	12	13	15.49	15.62	15.51			
5	QPSK	25	0	15.48	15.50	15.50	16.7	0	
5	16QAM	1	0	15.34	15.39	15.18			
5	16QAM	1	12	15.59	15.67	15.59			
5	16QAM	1	24	15.36	15.40	15.33	16.7	0	
5	16QAM	12	0	15.53	15.64	15.54			
5	16QAM	12	7	15.79	15.78	15.68			
5	16QAM	12	13	15.72	15.72	15.73	16.7	0	
5	25QAM	25	0	15.66	15.85	15.57			
5	64QAM	1	0	15.21	15.29	15.28			
5	64QAM	1	12	15.46	15.53	15.49	16.7	0	
5	64QAM	1	24	15.03	15.30	15.11			
5	64QAM	12	0	15.65	15.73	15.65			
5	64QAM	12	7	15.72	15.72	15.72	16.7	0	
5	64QAM	12	13	15.74	15.67	15.78			
5	64QAM	25	0	15.53	15.64	15.52			

Band 13_Ant31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				782	2158				
10	QPSK	1	0		2158		23.3	0	
10	QPSK	1	25		2192				
10	QPSK	1	49		2183				
10	QPSK	25	0		2059		22.3	1	
10	QPSK	25	12		2085				
10	QPSK	25	25		2095				
10	QPSK	50	0		2098		22.3	1	
10	16QAM	1	0		2103				
10	16QAM	1	25		2099				
10	16QAM	1	49		1998		21.3	2	
10	16QAM	25	0		1995				
10	16QAM	25	12		2008				
10	16QAM	25	25		1992		21.3	2	
10	16QAM	50	0		2005				
10	64QAM	1	0		1988		21.3	2	
10	64QAM	1	25		1998				
10	64QAM	1	49		1998				
10	64QAM	25	0		1894		20.3	3	
10	64QAM	25	12		1880				
10	64QAM	25	25		1886				
10	64QAM	50	0		1896				
Channel				23205	23230	23265	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				770.5	772	784.5			
5	QPSK	1	0	2184	2155	2157	23.3	0	
5	QPSK	1	12	2183	2179	2175			
5	QPSK	1	24	2175	2182	2172			
5	QPSK	12	0	2085	2086	2080	22.3	1	
5	QPSK	12	7	2086	2089	2091			
5	QPSK	12	13	2100	2105	2083			
5	QPSK	25	0	2097	2091	2104	22.3	1	
5	16QAM	1	0	2106	2105	2099			
5	16QAM	1	12	2091	2098	2086			
5	16QAM	1	24	2058	2060	2057	21.3	2	
5	16QAM	12	0	1996	1990	1991			
5	16QAM	12	7	1999	2001	2005			
5	16QAM	12	13	2001	2008	1998	21.3	2	
5	16QAM	25	0	1999	2006	1980			
5	64QAM	1	0	1987	1994	1984			
5	64QAM	1	12	2007	2008	2012	21.3	2	
5	64QAM	1	24	2005	1995	2009			
5	64QAM	12	0	1888	1906	1897			
5	64QAM	12	7	1887	1886	1880	20.3	3	
5	64QAM	12	13	1884	1892	1893			
5	64QAM	25	0	1905	1892	1899			

Band 26_Ant13									
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				821.5	831.5	841.5			
Frequency (MHz)				26765	26865	26965			
15	QPSK	1	0	22.83	22.61	22.99	24	0	
15	QPSK	1	37	23.22	23.28	23.25			
15	QPSK	1	74	23.05	22.76	23.01			
15	QPSK	36	0	21.91	22.15	22.08	23	1	
15	QPSK	36	20	21.99	21.94	22.10			
15	QPSK	36	39	22.03	22.04	22.10			
15	QPSK	75	0	22.03	22.05	22.00	23	1	
15	16QAM	1	0	21.79	21.70	21.80			
15	16QAM	1	37	22.08	22.00	22.15			
15	16QAM	1	74	21.56	21.88	21.85	22	2	
15	16QAM	36	0	20.72	20.76	20.95			
15	16QAM	36	20	20.87	20.82	21.10			
15	16QAM	36	39	20.82	20.96	21.01	22	2	
15	16QAM	75	0	21.01	20.97	20.95			
15	64QAM	1	0	20.90	20.83	21.24	22	2	
15	64QAM	1	37	20.88	21.13	21.20			
15	64QAM	1	74	20.97	21.00	20.94			
15	64QAM	36	0	20.00	19.93	20.06	21	3	
15	64QAM	36	20	19.89	20.00	20.21			
15	64QAM	36	39	20.08	20.06	19.96			
15	64QAM	75	0	19.96	20.09	20.36			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				810	831.5	844			
10	QPSK	1	0	22.74	22.59	22.90	24	0	
10	QPSK	1	25	23.13	23.10	23.16			
10	QPSK	1	49	22.90	22.82	22.86			
10	QPSK	25	0	21.73	22.02	21.90	23	1	
10	QPSK	25	12	21.94	21.88	22.05			
10	QPSK	25	25	21.97	21.90	22.04			
10	QPSK	50	0	22.03	22.04	22.00	23	1	
10	16QAM	1	0	21.60	21.63	21.61			
10	16QAM	1	25	21.97	21.95	22.04			
10	16QAM	1	49	21.53	21.73	21.82	22	2	
10	16QAM	25	0	20.53	20.63	20.76			
10	16QAM	25	12	20.87	20.72	21.10			
10	16QAM	25	25	20.85	20.88	20.95	22	2	
10	16QAM	50	0	21.01	20.97	20.95			
10	64QAM	1	0	20.80	20.73	21.14			
10	64QAM	1	25	20.87	21.05	21.19	22	2	
10	64QAM	1	49	20.79	20.91	20.95			
10	64QAM	25	0	19.85	19.83	19.91			
10	64QAM	25	12	19.81	19.95	20.13	21	3	
10	64QAM	25	25	19.98	20.00	19.86			
10	64QAM	50	0	19.80	20.06	20.20			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	22.75	22.46	22.91	24	0	
5	QPSK	1	12	23.09	23.11	23.12			
5	QPSK	1	24	22.91	22.82	22.87			
5	QPSK	12	0	21.73	22.10	21.90	23	1	
5	QPSK	12	7	21.83	21.84	21.94			
5	QPSK	12	13	21.84	21.88	21.91			
5	QPSK	25	0	22.02	21.91	21.99	23	1	
5	16QAM	1	0	21.68	21.61	21.69			
5	16QAM	1	12	22.01	21.81	22.08			
5	16QAM	1	24	21.50	21.80	21.79	22	2	
5	16QAM	12	0	20.57	20.69	20.80			
5	16QAM	12	7	20.69	20.65	20.92			
5	16QAM	12	13	20.81	20.88	21.00	22	2	
5	16QAM	25	0	20.93	20.90	20.87			
5	64QAM	1	0	20.73	20.78	21.07			
5	64QAM	1	12	20.70	21.12	21.02	22	2	
5	64QAM	1	24	20.95	20.82	20.92			
5	64QAM	12	0	19.89	19.86	19.95			
5	64QAM	12	7	19.73	19.85	20.05	21	3	
5	64QAM	12	13	20.00	19.93	19.88			
5	64QAM	25	0	19.94	20.00	20.34			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	847.5			
3	QPSK	1	0	22.64	22.49	22.80	24	0	
3	QPSK	1	8	23.15	23.11	23.18			
3	QPSK	1	14	22.93	22.86	22.89			
3	QPSK	8	0	21.73	22.05	21.90	23	1	
3	QPSK	8	4	21.90	21.76	22.01			
3	QPSK	8	7	21.93	21.96	22.00			
3	QPSK	15	0	21.87	21.90	21.84	23	1	
3	16QAM	1	0	21.65	21.59	21.66			
3	16QAM	1	8	22.02	21.83	22.09			
3	16QAM	1	14	21.49	21.75	21.78	22	2	
3	16QAM	8	0	20.70	20.59	20.93			
3	16QAM	8	4	20.72	20.70	20.95			
3	16QAM	8	7	20.65	20.90	20.84	22	2	
3	16QAM	15	0	20.85	20.81	20.79			
3	64QAM	1	0	20.76	20.77	21.10			
3	64QAM	1	8	20.83	21.03	21.15	22	2	
3	64QAM	1	14	20.95	20.96	20.92			
3	64QAM	8	0	19.96	19.88	20.02			
3	64QAM	8	4	19.75	20.00	20.07	21	3	
3	64QAM	8	7	19.93	19.89	19.81			
3	64QAM	15	0	19.77	20.07	20.17			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	22.82	22.51	22.98	24	0	
1.4	QPSK	1	3	23.06	23.20	23.09			
1.4	QPSK	1	5	22.89	22.74	22.85	23	1	
1.4	QPSK	3	0	22.79	23.08	22.96			
1.4	QPSK	3	1	22.92	22.82	23.04			
1.4	QPSK	3	3	23.02	23.54	23.09	23	1	
1.4	QPSK	3	6	21.94	21.94	21.91			
1.4	16QAM	1	0	21.68	21.58	21.69			
1.4	16QAM	1	3	21.89	21.88	21.96	23	1	
1.4	16QAM	1	5	21.51	21.78	21.80			
1.4	16QAM	3	0	21.59	21.72	21.82			
1.4	16QAM	3	1	21.79	21.78	22.02	22	2	
1.4	16QAM	3	3	21.63	21.91	21.82			
1.4	16QAM	6	0	20.92	20.88	20.86			
1.4	64QAM	1	0	20.74	20.74	21.05	22	2	
1.4	64QAM	1	3	20.85	21.12	21.17			
1.4	64QAM	1	5	20.82	20.90	20.79			
1.4	64QAM	3	0	20.97	20.91	21.03	21	3	
1.4	64QAM	3	1	20.87	20.89	21.19			
1.4	64QAM	3	3	21.08	21.02	20.96			
1.4	64QAM	6	0	19.83	19.98	20.23	21	3	

Band 66_Ant13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132672	19	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	18.22	18.30	18.24	19	0	
20	QPSK	1	49	18.29	18.44	18.30			
20	QPSK	1	99	18.03	18.13	18.06			
20	QPSK	50	0	18.26	18.33	18.18			
20	QPSK	50	24	18.14	18.14	18.16	19	0	
20	QPSK	50	50	18.14	18.25	18.21			
20	QPSK	100	0	18.00	18.08	18.01			
20	16QAM	1	0	17.80	17.97	17.86			
20	16QAM	1	49	17.87	18.01	17.91	19	0	
20	16QAM	1	99	17.81	17.90	17.81			
20	16QAM	50	0	17.89	18.07	17.88			
20	16QAM	50	24	18.01	18.19	18.07			
20	16QAM	50	50	17.95	18.12	17.95	19	0	
20	16QAM	100	0	18.05	18.07	17.89			
20	64QAM	1	0	18.10	18.13	18.02			
20	64QAM	1	49	18.11	18.20	18.12	19	0	
20	64QAM	1	99	18.23	18.25	18.24			
20	64QAM	50	0	17.99	18.08	18.08			
20	64QAM	50	24	18.27	18.27	18.12			
20	64QAM	50	50	18.32	18.33	18.19	19	0	
20	64QAM	100	0	18.15	18.15	18.03			
Channel				132047	132322	132677	19	0	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	18.19	18.15	18.21	19	0	
15	QPSK	1	37	18.22	18.35	18.23			
15	QPSK	1	74	17.98	18.04	18.01			
15	QPSK	36	0	18.20	18.19	18.12			
15	QPSK	36	20	18.03	18.27	18.05	19	0	
15	QPSK	36	39	18.05	18.07	18.12			
15	QPSK	75	0	18.00	17.93	18.01			
15	16QAM	1	0	17.71	17.87	17.77			
15	16QAM	1	37	17.70	17.82	17.74	19	0	
15	16QAM	1	74	17.62	17.71	17.62			
15	16QAM	36	0	17.80	17.93	17.79			
15	16QAM	36	20	17.89	18.12	17.85			
15	16QAM	36	39	17.78	17.94	17.78	19	0	
15	16QAM	75	0	17.88	17.93	17.72			
15	64QAM	1	0	18.09	17.96	18.01			
15	64QAM	1	37	18.01	18.06	18.02	19	0	
15	64QAM	1	74	18.23	18.13	18.24			
15	64QAM	36	0	17.94	18.08	18.03			
15	64QAM	36	20	18.25	18.25	18.10			
15	64QAM	36	39	18.31	18.15	18.18	19	0	
15	64QAM	75	0	18.10	17.96	17.98			
Channel				132022	132322	132622	19	0	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	18.20	18.15	18.22	19	0	
10	QPSK	1	25	18.18	18.39	18.19			
10	QPSK	1	49	17.98	18.00	17.92			
10	QPSK	25	0	18.26	18.33	18.18			
10	QPSK	25	12	18.11	18.22	18.13	19	0	
10	QPSK	25	25	17.96	18.17	18.03			
10	QPSK	50	0	17.84	18.05	17.85			
10	16QAM	1	0	17.80	17.90	17.86			
10	16QAM	1	25	17.85	17.88	17.89	19	0	
10	16QAM	1	49	17.79	17.83	17.79			
10	16QAM	25	0	17.87	17.96	17.86			
10	16QAM	25	12	17.92	18.09	17.98			
10	16QAM	25	25	17.85	18.02	17.85	19	0	
10	16QAM	50	0	17.89	17.93	17.73			
10	64QAM	1	0	17.91	18.00	17.83			
10	64QAM	1	25	18.07	18.17	18.08			
10	64QAM	1	49	18.22	18.16	18.23	19	0	
10	64QAM	25	0	17.80	18.08	17.89			
10	64QAM	25	12	18.25	18.25	18.10			
10	64QAM	25	25	18.23	18.14	18.10			
10	64QAM	50	0	18.12	18.01	18.00	19	0	
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5	19	0	
5	QPSK	1	0	18.05	18.18	18.07			
5	QPSK	1	12	18.23	18.40	18.24	19	0	
5	QPSK	1	24	17.96	18.05	17.99			
5	QPSK	12	0	18.08	18.15	18.00			
5	QPSK	12	7	18.08	18.23	18.10			
5	QPSK	12	13	18.10	18.08	18.17	19	0	
5	QPSK	25	0	18.00	18.05	18.01			
5	16QAM	1	0	17.67	17.88	17.73			
5	16QAM	1	12	17.81	17.96	17.85			
5	16QAM	1	24	17.80	17.74	17.80	19	0	
5	16QAM	12	0	17.81	18.01	17.80			
5	16QAM	12	7	17.99	18.11	18.05			
5	16QAM	12	13	17.91	17.95	17.91			
5	16QAM	25	0	18.05	18.00	17.89	19	0	
5	64QAM	1	0	17.94	18.10	17.86			
5	64QAM	1	12	18.08	18.08	18.09			
5	64QAM	1	24	18.10	18.13	18.11			
5	64QAM	12	0	17.91	17.96	18.00	19	0	
5	64QAM	12	7	18.24	18.11	18.09			
5	64QAM	12	13	18.28	18.24	18.15			
5	64QAM	25	0	17.96	18.09	17.84			
Channel				131987	132322	132657	19	0	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	18.07	18.11	18.09	19	0	
3	QPSK	1	8	18.24	18.33	18.25			
3	QPSK	1	14	18.01	17.99	18.04			
3	QPSK	8	0	18.20	18.25	18.12			
3	QPSK	8	4	18.14	18.28	18.16	19	0	
3	QPSK	8	7	18.02	18.15	18.09			
3	QPSK	15	0	17.87	17.88	17.88			
3	16QAM	1	0	17.65	17.86	17.71			
3	16QAM	1	8	17.70	17.83	17.74	19	0	
3	16QAM	1	14	17.78	17.83	17.78			
3	16QAM	8	0	17.87	17.97	17.86			
3	16QAM	8	4	17.90	18.10	17.96			
3	16QAM	8	7	17.86	18.03	17.86	19	0	
3	16QAM	15	0	17.94	17.96	17.78			
3	64QAM	1	0	17.94	18.04	17.86			
3	64QAM	1	8	18.02	18.14	18.03			
3	64QAM	1	14	18.16	18.08	18.17	19	0	
3	64QAM	8	0	17.88	18.04	17.97			
3	64QAM	8	4	18.11	18.09	17.96			
3	64QAM	8	7	18.17	18.21	18.04			
3	64QAM	15	0	18.15	17.95	18.03	19	0	
Channel				131973	132322	132655			
Frequency (MHz)				1710.7	1745	1779.3	19	0	
1.4	QPSK	1	0	18.22	18.25	18.24			
1.4	QPSK	1	3	18.22	18.39	18.23	19	0	
1.4	QPSK	1	5	17.88	17.97	17.91			
1.4	QPSK	3	0	18.23	18.25	18.15			
1.4	QPSK	3	1	18.14	18.29	18.16			
1.4	QPSK	3	3	18.06	18.06	18.13	19	0	
1.4	QPSK	6	0	17.82	17.82	17.83			
1.4	16QAM	1	0	17.73	17.87	17.77			
1.4	16QAM	1	3	17.73	17.86	17.77			
1.4	16QAM	1	5	17.75	17.76	17.75	19	0	
1.4	16QAM	3	0	17.89	17.91	17.88			
1.4	16QAM	3	1	17.92	18.00	17.98	19	0	
1.4	16QAM	3	3	17.82	17.94	17.82			
1.4	16QAM	3	5	18.22	18.22	18.07			
1.4	16QAM	3	1	18.19	18.25	18.06			
1.4	16QAM	6	0	18.02	18.06	17.90	19	0	
1.4	16QAM	6	0	18.02	18.04	18.02			
1.4	64QAM	1	5	18.23	18.24	18.24	19	0	
1.4	64QAM	3	0	17.90	17.93	17.89			
1.4	64QAM	3	1	18.00	18.00	18.00			
1.4	64QAM	3	3	18.19	18.25	18.06			
1.4	64QAM	6	0	18.02	18.06	17.90	19	0	
1.4	64QAM	6	0	18.02	18.04	18.02			

Band 38_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	19.82	19.87	19.80	20.8	0	
20	QPSK	1	49	19.89	19.98	19.95			
20	QPSK	1	99	19.70	19.71	19.53			
20	QPSK	50	0	19.83	19.85	19.75			
20	QPSK	50	24	19.78	19.80	19.79	20.8	0	
20	QPSK	50	50	19.47	19.63	19.44			
20	QPSK	100	0	19.68	19.71	19.65			
20	16QAM	1	0	19.40	19.41	19.36			
20	16QAM	1	49	19.14	19.32	19.18	20.8	0	
20	16QAM	1	99	19.35	19.41	19.36			
20	16QAM	50	0	19.66	19.79	19.75			
20	16QAM	50	24	19.86	19.88	19.77			
20	16QAM	50	50	19.59	19.79	19.74	20.8	0	
20	16QAM	100	0	19.67	19.81	19.64			
20	64QAM	1	0	19.00	19.00	18.88			
20	64QAM	1	49	19.25	19.36	19.32		20.8	
20	64QAM	1	99	19.04	19.21	19.02			
20	64QAM	50	0	19.51	19.60	19.43			
20	64QAM	50	24	19.59	19.65	19.62			
20	64QAM	50	50	19.43	19.59	19.44	20.8	0	
20	64QAM	100	0	19.54	19.55	19.45			
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.7	2595	2617.5			
15	QPSK	1	0	19.69	19.71	19.67	20.8	0	
15	QPSK	1	37	19.87	19.83	19.93			
15	QPSK	1	74	19.60	19.53	19.43			
15	QPSK	36	0	19.71	19.77	19.63			
15	QPSK	36	20	19.67	19.65	19.68	20.8	0	
15	QPSK	36	39	19.31	19.48	19.29			
15	QPSK	75	0	19.52	19.55	19.49			
15	16QAM	1	0	19.21	19.34	19.17			
15	16QAM	1	37	19.02	19.15	19.06	20.8	0	
15	16QAM	1	74	19.27	19.27	19.28			
15	16QAM	36	0	19.53	19.76	19.62			
15	16QAM	36	20	19.71	19.69	19.62			
15	16QAM	36	39	19.63	19.74	19.68	20.8	0	
15	16QAM	75	0	19.57	19.74	19.54			
15	64QAM	1	0	18.98	18.84	18.86			
15	64QAM	1	37	19.08	19.24	19.15		20.8	
15	64QAM	1	74	18.98	19.13	18.96			
15	64QAM	36	0	19.48	19.49	19.40			
15	64QAM	36	20	19.53	19.64	19.56			
15	64QAM	36	39	19.38	19.48	19.39	20.8	0	
15	64QAM	75	0	19.46	19.41	19.37			
Channel				37900	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	19.64	19.78	19.62	20.8	0	
10	QPSK	1	25	19.73	19.94	19.79			
10	QPSK	1	49	19.59	19.53	19.42			
10	QPSK	25	0	19.80	19.78	19.72			
10	QPSK	25	12	19.71	19.69	19.72	20.8	0	
10	QPSK	25	25	19.32	19.45	19.29			
10	QPSK	50	0	19.52	19.69	19.49			
10	16QAM	1	0	19.28	19.25	19.24			
10	16QAM	1	25	19.07	19.17	19.11	20.8	0	
10	16QAM	1	49	19.23	19.25	19.24			
10	16QAM	25	0	19.62	19.71	19.71			
10	16QAM	25	12	19.74	19.88	19.65			
10	16QAM	25	25	19.69	19.62	19.74	20.8	0	
10	16QAM	50	0	19.49	19.74	19.46			
10	64QAM	1	0	18.85	19.00	18.89			
10	64QAM	1	25	19.12	19.32	19.19			
10	64QAM	1	49	19.03	19.04	19.01	20.8	0	
10	64QAM	25	0	19.32	19.44	19.24			
10	64QAM	25	12	19.50	19.48	19.53			
10	64QAM	25	25	19.33	19.48	19.34			
10	64QAM	50	0	19.43	19.42	19.34	Tune-up limit (dBm)	MPR (dB)	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.65	19.73	19.63		20.8	
5	QPSK	1	12	19.81	19.83	19.87			
5	QPSK	1	24	19.54	19.63	19.37			
5	QPSK	12	0	19.80	19.66	19.72			
5	QPSK	12	7	19.63	19.61	19.64	20.8	0	
5	QPSK	12	13	19.30	19.59	19.27			
5	QPSK	25	0	19.49	19.70	19.46			
5	16QAM	1	0	19.38	19.24	19.34			
5	16QAM	1	12	19.11	19.18	19.15	20.8	0	
5	16QAM	1	24	19.22	19.23	19.23			
5	16QAM	12	0	19.58	19.60	19.67			
5	16QAM	12	7	19.73	19.81	19.64			
5	16QAM	12	13	19.58	19.71	19.63	20.8	0	
5	16QAM	25	0	19.54	19.76	19.51			
5	64QAM	1	0	18.90	18.95	18.90			
5	64QAM	1	12	19.22	19.21	19.29			
5	64QAM	1	24	18.96	19.16	18.94	20.8	0	
5	64QAM	12	0	19.34	19.41	19.26			
5	64QAM	12	7	19.51	19.55	19.54			
5	64QAM	12	13	19.27	19.53	19.28			
5	64QAM	25	0	19.54	19.41	19.45	Tune-up limit (dBm)	MPR (dB)	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.70	19.76	19.74		18.6	
5	QPSK	1	12	18.12	18.15	18.08			
5	QPSK	1	24	17.80	17.83	17.77			
5	QPSK	12	0	17.65	17.60	17.63			
5	QPSK	12	7	17.54	17.55	17.52	18.6	0	
5	QPSK	12	13	17.38	17.46	17.38			
5	QPSK	25	0	17.58	17.51	17.54			
5	16QAM	1	0	17.15	17.25	17.04			
5	16QAM	1	12	17.16	17.16	17.06	18.6	0	
5	16QAM	1	24	17.01	17.04	17.12			

Band 41_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Low Ch / Freq	Power Middle High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	20.8	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	19.88	19.95	19.81	19.83	20.8	0
20	QPSK	1	49	19.97	20.10	19.92	19.90		
20	QPSK	1	99	20.03	20.05	19.97	20.05	20.8	0
20	QPSK	50	0	19.85	20.00	19.95	19.87		
20	QPSK	50	24	19.83	19.90	19.78	19.77	20.8	0
20	QPSK	50	50	19.94	19.95	19.90	19.87		
20	QPSK	100	0	19.86	19.89	19.70	19.74	20.8	0
20	16QAM	1	0	19.64	19.66	19.50	19.49		
20	16QAM	1	49	19.96	20.07	19.95	20.07	20.8	0
20	16QAM	1	99	19.60	19.64	19.50	19.62		
20	16QAM	50	0	19.89	20.01	19.86	19.89	20.8	0
20	16QAM	50	24	20.00	20.03	20.02	20.03		
20	16QAM	50	50	19.77	19.84	19.68	19.65	20.8	0
20	16QAM	100	0	19.82	20.01	19.93	19.86		
20	64QAM	1	0	19.75	19.77	19.67	19.66	20.8	0
20	64QAM	1	49	19.95	20.01	19.98	19.97		
20	64QAM	1	99	19.74	19.80	19.76	19.68	20.8	0
20	64QAM	50	0	20.03	20.08	19.98	19.90		
20	64QAM	50	24	19.91	20.09	19.95	20.01	20.8	0
20	64QAM	50	50	19.77	19.92	19.80	19.80		
20	64QAM	100	0	19.97	20.02	19.84	19.92	20.8	0
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2565.5	2594.5	2642.5	20.8	0
15	QPSK	1	0	19.71	19.81	19.64	19.75		
15	QPSK	1	37	19.81	20.04	19.76	19.84	20.8	0
15	QPSK	1	74	19.96	19.88	19.90	19.86		
15	QPSK	36	0	19.72	19.88	19.82	19.75	20.8	0
15	QPSK	36	20	19.73	19.73	19.68	19.60		
15	QPSK	36	39	19.80	19.90	19.76	19.82	20.8	0
15	QPSK	75	0	19.85	19.77	19.78	19.63		
15	16QAM	1	0	19.50	19.60	19.36	19.43	20.8	0
15	16QAM	1	37	19.82	19.97	19.81	19.97		
15	16QAM	1	74	19.60	19.52	19.50	19.50	20.8	0
15	16QAM	36	0	19.77	19.94	19.74	19.82		
15	16QAM	36	20	19.96	19.91	19.98	19.91	20.8	0
15	16QAM	36	39	19.76	19.70	19.67	19.51		
15	16QAM	75	0	19.74	19.97	19.85	19.82	20.8	0
15	64QAM	1	0	19.75	19.60	19.67	19.49		
15	64QAM	1	37	19.81	19.96	19.84	19.94	20.8	0
15	64QAM	1	74	19.65	19.65	19.67	19.53		
15	64QAM	36	0	19.93	19.92	19.88	19.74	20.8	0
15	64QAM	36	20	19.77	19.94	19.81	19.86		
15	64QAM	36	39	19.69	19.82	19.72	19.70	20.8	0
15	64QAM	75	0	19.88	19.95	19.75	19.85		
Channel				40090	40350	40620	41100	20.8	0
Frequency (MHz)				2550	2570	2590	2650		
10	QPSK	1	0	19.71	19.82	19.64	19.63	20.8	0
10	QPSK	1	25	19.84	19.92	19.79	19.72		
10	QPSK	1	49	19.92	20.01	19.86	20.01	20.8	0
10	QPSK	25	0	19.75	19.91	19.85	19.78		
10	QPSK	25	12	19.74	19.81	19.69	19.68	20.8	0
10	QPSK	25	25	19.75	19.89	19.71	19.81		
10	QPSK	50	0	19.68	19.87	19.61	19.73	20.8	0
10	16QAM	1	0	19.48	19.52	19.34	19.35		
10	16QAM	1	25	19.82	20.06	19.81	20.06	20.8	0
10	16QAM	1	49	19.56	19.62	19.46	19.60		
10	16QAM	25	0	19.73	20.01	19.70	19.89	20.8	0
10	16QAM	25	12	19.84	19.90	19.86	19.90		
10	16QAM	25	25	19.77	19.80	19.68	19.61	20.8	0
10	16QAM	50	0	19.65	19.82	19.76	19.67		
10	64QAM	1	0	19.67	19.63	19.59	19.52	20.8	0
10	64QAM	1	25	19.78	19.98	19.61	19.94		
10	64QAM	1	49	19.71	19.68	19.73	19.56	20.8	0
10	64QAM	25	0	20.02	20.01	19.97	19.83		
10	64QAM	25	12	19.74	20.00	19.78	19.92	20.8	0
10	64QAM	25	25	19.62	19.87	19.65	19.75		
10	64QAM	50	0	19.94	19.91	19.61	19.61	20.8	0
Channel				40065	40335	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	20.8	0
5	QPSK	1	0	19.79	19.87	19.72	19.77		
5	QPSK	1	12	19.96	19.99	19.91	19.79	20.8	0
5	QPSK	1	24	19.99	19.93	19.93	19.93		
5	QPSK	12	0	19.66	19.96	19.76	19.83	20.8	0
5	QPSK	12	7	19.76	19.87	19.71	19.74		
5	QPSK	12	13	19.83	19.95	19.79	19.87	20.8	0
5	QPSK	25	0	19.76	19.75	19.69	19.61		
5	16QAM	1	0	19.57	19.54	19.43	19.37	20.8	0
5	16QAM	1	12	19.83	19.97	19.82	19.97		
5	16QAM	1	24	19.45	19.50	19.35	19.48	20.8	0
5	16QAM	12	0	19.87	19.99	19.84	19.87		
5	16QAM	12	7	19.95	19.86	19.97	19.86	20.8	0
5	16QAM	12	13	19.58	19.68	19.49	19.49		
5	16QAM	25	0	19.73	19.90	19.84	19.75	20.8	0
5	64QAM	1	0	19.67	19.63	19.59	19.52		
5	64QAM	1	12	19.95	19.97	19.98	19.93	20.8	0
5	64QAM	1	24	19.64	19.70	19.66	19.58		
5	64QAM	12	0	19.97	20.01	19.92	19.83	20.8	0
5	64QAM	12	7	19.77	19.99	19.81	19.91		
5	64QAM	12	13	19.69	19.83	19.72	19.71	20.8	0
5	64QAM	25	0	19.91	19.94	19.78	19.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	21.25	21.31	21.24	21.28	22.6	0
20	QPSK	1	49	21.38	21.55	21.42	21.40		
20	QPSK	1	99	20.96	21.15	21.02	21.05		
20	QPSK	50	0	21.41	21.50	21.47	21.36	22.6	0
20	QPSK	50	24	21.35	21.45	21.39	21.47		
20	QPSK	50	50	21.20	21.36	21.36	21.25		
20	QPSK	100	0	21.38	21.49	21.39	21.45	22.6	0
20	16QAM	1	0	21.03	21.14	21.01	21.05		
20	16QAM	1	49	21.41	21.53	21.41	21.39		
20	16QAM	1	99	21.17	21.31	21.20	21.25	22.1	0.5
20	16QAM	50	0	21.17	21.17	21.03	21.15		
20	16QAM	50	24	20.95	21.13	21.04	20.97		
20	16QAM	50	50	20.66	20.74	20.65	20.70	22.1	0.5
20	16QAM	100	0	20.79	20.89	20.73	20.81		
20	64QAM	1	0	20.62	20.75	20.57	20.65		
20	64QAM	1	49	20.85	20.99	20.94	20.97	22.1	0.5
20	64QAM	1	99	20.58	20.65	20.63	20.46		
20	64QAM	50	0	20.00	20.09	19.95	19.98		
20	64QAM	50	24	19.82	19.96	19.78	19.85	21.1	1.5
20	64QAM	50	50	19.72	19.78	19.62	19.65		
20	64QAM	100	0	20.02	20.03	19.85	19.91		
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2565.5	2594.5	2642.5		
15	QPSK	1	0	21.06	21.17	21.05	21.26	22.6	0
15	QPSK	1	37	21.22	21.37	21.26	21.22		
15	QPSK	1	74	20.83	21.07	20.89	20.97		
15	QPSK	36	0	21.26	21.36	21.32	21.17	22.6	0
15	QPSK	36	20	21.22	21.52	21.26	21.51		
15	QPSK	36	11	21.39	21.24	21.27	21.41		
15	QPSK	75	0	21.23	21.49	21.24	21.39	22.6	0
15	16QAM	1	0	21.02	21.14	21.00	21.04		
15	16QAM	1	37	21.35	21.42	21.35	21.28		
15	16QAM	1	74	20.98	21.17	21.01	21.11	22.6	0
15	16QAM	36	0	21.04	21.14	20.90	21.13		
15	16QAM	36	20	20.86	21.10	20.95	20.94		
15	16QAM	36	39	20.54	20.70	20.53	20.66	22.1	0.5
15	16QAM	75	0	20.79	20.81	20.73	20.73		
15	64QAM	1	0	20.58	20.61	20.53	20.51		
15	64QAM	1	37	20.81	20.82	20.78	20.70	22.1	0.5
15	64QAM	1	74	20.46	20.50	20.51	20.31		
15	64QAM	36	0	19.96	19.92	19.91	19.91		
15	64QAM	36	20	19.72	19.93	19.68	19.82	21.1	1.5
15	64QAM	36	39	19.63	19.59	19.53	19.46		
15	64QAM	75	0	19.91	19.91	19.74	19.79		
Channel				40060	40385	40700	41150		
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	21.16	21.22	21.15	21.13	22.6	0
10	QPSK	1	25	21.29	21.45	21.33	21.30		
10	QPSK	1	49	20.89	21.05	20.96	20.95		
10	QPSK	25	0	21.25	21.44	21.31	21.21	22.6	0
10	QPSK	25	12	21.35	21.46	21.39	21.45		
10	QPSK	25	25	21.18	21.34	21.34	21.23		
10	QPSK	50	0	21.23	21.49	21.24	21.39	22.6	0
10	16QAM	1	0	20.85	21.11	20.83	21.01		
10	16QAM	1	25	21.23	21.36	21.23	21.22		
10	16QAM	1	49	21.02	21.30	21.05	21.24	22.1	0.5
10	16QAM	25	0	21.12	21.17	20.98	21.15		
10	16QAM	25	12	20.85	21.13	20.94	20.97		
10	16QAM	25	25	20.54	20.57	20.53	20.53	22.1	0.5
10	16QAM	50	0	20.70	20.89	20.64	20.81		
10	64QAM	1	0	20.46	20.59	20.41	20.46		
10	64QAM	1	25	20.67	20.90	20.76	20.88	22.1	0.5
10	64QAM	1	49	20.46	20.49	20.51	20.30		
10	64QAM	25	0	19.90	19.99	19.85	19.88		
10	64QAM	25	12	19.72	19.95	19.68	19.74	21.1	1.5
10	64QAM	25	25	19.59	19.72	19.49	19.58		
10	64QAM	50	0	19.83	19.95	19.66	19.83		
Channel				40065	40385	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	21.10	21.25	21.09	21.25	22.6	0
5	QPSK	1	15	21.35	21.45	21.39	21.30		
5	QPSK	1	24	20.90	21.02	20.90	20.92		
5	QPSK	12	7	21.32	21.43	21.38	21.34	22.6	0
5	QPSK	12	7	21.32	21.48	21.36	21.47		
5	QPSK	25	0	21.38	21.55	21.39	21.45		
5	16QAM	1	0	20.87	21.06	20.85	20.96	22.6	0
5	16QAM	1	12	21.26	21.38	21.28	21.24		
5	16QAM	1	24	21.08	21.24	21.11	21.18		
5	16QAM	12	0	21.03	21.15	20.89	21.13	22.1	0.5
5	16QAM	12	7	20.83	20.93	20.82	20.79		
5	16QAM	12	13	20.56	20.72	20.55	20.65		
5	16QAM	25	0	20.67	20.75	20.61	20.65	22.1	0.5
5	64QAM	1	0	20.60	20.59	20.55	20.49		
5	64QAM	1	12	20.75	20.88	20.84	20.86		
5	64QAM	1	24	20.45	20.57	20.50	20.38	22.1	0.5
5	64QAM	12	7	19.97	19.94	19.84	19.95		
5	64QAM	12	7	19.73	19.73	19.69	19.81		
5	64QAM	12	13	19.57	19.65	19.47	19.52	21.1	1.5
5	64QAM	25	0	19.89	19.86	19.72	19.74		

DSI7

GSM850_Ant13		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8	33.00	824.2	836.4	848.8	24.00
GSM 1 Tx slot		32.03	31.95	31.99		23.03	22.95	22.99	
GPRS 1 Tx slot		32.01	32.04	31.92	33.00	23.01	23.04	22.92	24.00
GPRS 2 Tx slot		30.55	30.58	30.57	31.80	24.55	24.58	24.57	25.80
GPRS 3 Tx slots		28.46	28.27	28.37	29.50	24.20	24.01	24.11	25.24
GPRS 4 Tx slots		26.74	26.78	26.64	28.00	23.74	23.78	23.64	25.00
EDGE 1 Tx slot		26.51	26.31	26.28	27.50	17.51	17.31	17.28	18.50
EDGE 2 Tx slots		24.85	24.74	24.76	26.00	18.85	18.74	18.76	20.00
EDGE 3 Tx slots		22.74	22.75	22.61	23.90	18.48	18.49	18.35	19.64
EDGE 4 Tx slots		21.13	21.06	21.08	22.30	18.13	18.06	18.08	19.30

GSM1900_Ant13		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1909.8	30.20	1850.2	1860	1909.8	21.20
GSM 1 Tx slot		29.20	29.23	29.19		20.20	20.23	20.19	
GPRS 1 Tx slot		29.18	29.21	29.17	30.20	20.18	20.21	20.17	21.20
GPRS 2 Tx slots		27.30	27.33	27.29	28.50	21.30	21.33	21.29	22.50
GPRS 3 Tx slots		25.95	26.04	26.00	27.00	21.69	21.78	21.74	22.74
GPRS 4 Tx slots		24.20	24.31	24.57	25.00	21.20	21.31	21.57	22.00
EDGE 1 Tx slot		25.46	25.52	25.62	26.80	16.46	16.52	16.62	17.80
EDGE 2 Tx slots		23.81	23.88	23.98	24.70	17.81	17.88	17.98	18.70
EDGE 3 Tx slots		21.63	21.72	21.80	22.50	17.37	17.46	17.54	18.24
EDGE 4 Tx slots		20.38	20.45	20.59	21.50	17.38	17.45	17.59	18.50

Band		WCDMA II_Ant13			Tune-up Limit (dBm)	WCDMA IV_Ant13			Tune-up Limit (dBm)	WCDMA V_Ant13			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938	1537	1537	1638	1738		4357	4407	4458	1712.4
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.86	20.00	20.07	21.30	19.96	20.10	20.00	21.30	23.04	22.88	23.03	24.30
3GPP Rel 99	RMC 12.2Kbps	20.11	20.12	19.98	21.30	20.10	20.11	19.94	21.30	23.09	23.10	23.05	24.30
3GPP Rel 6	HSDPA Subtest-1	18.92	18.97	19.01	20.10	19.19	19.02	19.08	20.10	21.99	22.05	22.07	23.10
3GPP Rel 6	HSDPA Subtest-2	19.00	18.99	19.15	20.10	19.14	19.22	19.06	20.10	21.88	21.97	21.92	23.10
3GPP Rel 6	HSDPA Subtest-3	18.51	18.45	18.68	19.60	18.61	18.73	18.62	19.60	21.39	21.50	21.45	22.60
3GPP Rel 6	HSDPA Subtest-4	18.54	18.44	18.60	19.60	18.54	18.73	18.62	19.60	21.37	21.48	21.44	22.60
3GPP Rel 6	DC-HSDPA Subtest-1	18.82	18.73	18.95	20.10	19.06	18.92	19.06	20.10	21.97	21.93	21.94	23.10
3GPP Rel 6	DC-HSDPA Subtest-2	18.91	18.98	19.07	20.10	19.13	19.10	19.02	20.10	21.83	21.94	21.85	23.10
3GPP Rel 6	DC-HSDPA Subtest-3	18.37	18.46	18.55	19.60	18.54	18.63	18.62	19.60	21.25	21.35	21.37	22.60
3GPP Rel 6	DC-HSDPA Subtest-4	18.48	18.33	18.55	19.60	18.58	18.62	18.55	19.60	21.36	21.38	21.32	22.60
3GPP Rel 6	HSPA Subtest-1	19.02	18.94	19.02	20.10	18.96	19.12	18.96	20.10	21.80	21.92	21.91	23.30
3GPP Rel 6	HSPA Subtest-2	16.92	16.93	17.13	18.10	16.99	17.21	17.07	18.10	19.97	20.04	19.91	21.30
3GPP Rel 6	HSPA Subtest-3	17.98	17.97	18.07	19.10	18.05	18.24	17.96	19.10	20.90	20.94	20.94	22.30
3GPP Rel 6	HSPA Subtest-4	17.07	16.98	17.02	18.10	17.00	17.20	16.98	18.10	19.98	19.96	20.09	21.30
3GPP Rel 6	HSPA Subtest-5	18.94	18.90	19.03	20.10	19.04	19.20	18.91	20.10	21.80	21.90	22.00	23.00

Band		WCDMA II_Ant13			Tune-up Limit (dBm)	WCDMA IV_Ant13			Tune-up Limit (dBm)	WCDMA V_Ant13			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938	1537	1537	1638	1738		4357	4407	4458	1712.4
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.42	21.53	21.52	23.00	23.01	23.07	23.02	24.50	22.93	22.88	22.89	24.50
3GPP Rel 99	RMC 12.2Kbps	21.49	21.55	21.53	23.00	22.98	23.10	22.98	24.50	22.87	22.95	22.90	24.50
3GPP Rel 6	HSDPA Subtest-1	20.40	20.40	20.52	21.80	21.87	21.81	21.80	23.30	21.93	22.01	21.96	23.30
3GPP Rel 6	HSDPA Subtest-2	20.54	20.58	20.56	21.80	21.90	21.96	21.90	23.30	21.88	21.82	21.84	23.30
3GPP Rel 6	HSDPA Subtest-3	20.13	20.09	20.14	21.30	21.38	21.46	21.40	22.80	21.40	21.41	21.37	22.80
3GPP Rel 6	HSDPA Subtest-4	20.13	20.05	20.13	21.30	21.37	21.46	21.39	22.80	21.37	21.40	21.36	22.80
3GPP Rel 6	DC-HSDPA Subtest-1	20.38	20.23	20.42	21.80	21.85	21.77	21.77	23.30	21.86	22.00	21.93	23.30
3GPP Rel 6	DC-HSDPA Subtest-2	20.59	20.43	20.43	21.80	21.88	21.87	21.81	23.30	21.77	21.77	21.74	23.30
3GPP Rel 6	DC-HSDPA Subtest-3	20.07	20.06	20.17	21.30	21.23	21.38	21.35	22.80	21.32	21.27	21.36	22.80
3GPP Rel 6	DC-HSDPA Subtest-4	20.06	20.00	20.05	21.30	21.25	21.40	21.29	22.80	21.27	21.37	21.32	22.80
3GPP Rel 6	HSPA Subtest-1	20.53	20.47	20.61	21.80	21.88	21.98	21.85	23.30	21.91	21.95	21.93	23.50
3GPP Rel 6	HSPA Subtest-2	18.48	18.50	18.57	19.80	20.01	20.00	19.89	21.30	19.85	19.91	19.88	21.50
3GPP Rel 6	HSPA Subtest-3	19.53	19.51	19.59	20.80	21.03	21.00	20.95	22.30	20.79	20.87	20.85	22.50
3GPP Rel 6	HSPA Subtest-4	18.65	18.59	18.68	19.80	20.05	20.04	19.87	21.30	20.01	20.05	19.88	21.50
3GPP Rel 6	HSPA Subtest-5	20.61	20.63	20.55	21.80	22.00	22.00	21.90	23.30	21.90	21.80	21.90	23.20

GSM850_Ant13		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8	32.70	824.2	836.4	848.8	23.70
GSM 1 Tx slot		31.75	31.65	31.80		22.75	22.65	22.80	
GPRS 1 Tx slot		31.77	31.61	31.68	32.70	22.77	22.61	22.68	23.70
GPRS 2 Tx slots		29.66	29.71	29.70	30.50	23.66	23.71	23.70	24.50
GPRS 3 Tx slots		27.88	27.92	27.91	29.00	23.62	23.66	23.65	24.74
GPRS 4 Tx slots		26.12	26.03	26.16	27.00	23.12	23.03	23.16	24.00
EDGE 1 Tx slot		25.97	25.84	25.85	27.00	16.97	16.84	16.85	18.00
EDGE 2 Tx slots		24.33	24.27	24.34	25.50	18.33	18.27	18.34	19.50
EDGE 3 Tx slots		22.27	22.12	22.18	23.50	18.01	17.86	17.92	19.24
EDGE 4 Tx slots		20.53	20.56	20.55	21.80	17.53	17.56	17.55	18.80

GSM1900_Ant13		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1909.8	30.50	1850.2	1860	1909.8	21.50
GSM 1 Tx slot		29.35	29.40	29.45		20.35	20.40	20.45	
GPRS 1 Tx slot		29.32	29.30	29.35	30.50	20.32	20.30	20.35	21.50
GPRS 2 Tx slots		28.17	28.36	28.21	27.50	20.17	20.36	20.21	21.50
GPRS 3 Tx slots		24.53	24.89	24.88	25.60	20.27	20.43	20.62	21.34
GPRS 4 Tx slots		23.35	23.41	23.50	24.30	20.35	20.41	20.50	21.30
EDGE 1 Tx slot		25.01	25.15	25.31	26.50	16.01	16.15	16.31	17.50
EDGE 2 Tx slots		23.34	23.42	23.73	24.20	17.34	17.42	17.73	18.20
EDGE 3 Tx slots		21.18	21.24	21.60	22.30	16.92	16.98	17.34	18.04
EDGE 4 Tx slots		19.85	20.10	20.23	21.00	16.85	17.10	17.23	18.00

Band 2_Ant13												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	21.74	21.77	21.67	23	0				
20	QPSK	1	49	22.09	22.15	22.11						
20	QPSK	1	99	21.72	21.72	21.85						
20	QPSK	50	0	21.83	21.83	21.81	23	0				
20	QPSK	50	24	21.78	21.90	21.75						
20	QPSK	50	50	21.72	21.77	21.80						
20	QPSK	100	0	21.80	21.90	21.88	23	0				
20	16QAM	1	0	21.77	21.82	21.77						
20	16QAM	1	49	21.59	21.81	21.80						
20	16QAM	1	99	21.08	21.60	21.65	22	1				
20	16QAM	50	24	20.78	20.92	20.98						
20	16QAM	50	50	20.71	20.80	21.01						
20	16QAM	100	0	20.80	20.81	20.99	22	1				
20	64QAM	1	0	20.92	20.88	20.85						
20	64QAM	1	49	21.10	21.20	21.08						
20	64QAM	1	99	20.76	20.85	20.81	22	1				
20	64QAM	50	0	20.01	20.04	19.96						
20	64QAM	50	24	19.87	19.88	20.11						
20	64QAM	50	50	19.83	19.83	20.12	21	2				
20	64QAM	100	0	19.87	19.90	19.99						
Channel												
Frequency (MHz)												
15	QPSK	1	0	21.58	21.45	21.51	23	0				
15	QPSK	1	37	21.93	22.01	22.05						
15	QPSK	1	74	21.58	21.49	21.70						
15	QPSK	36	0	21.83	21.93	21.91	23	0				
15	QPSK	36	20	21.78	21.77	21.75						
15	QPSK	36	39	21.61	21.73	21.89						
15	QPSK	75	0	21.77	21.85	21.85	23	0				
15	16QAM	1	0	21.62	21.43	21.62						
15	16QAM	1	37	21.46	21.68	21.67						
15	16QAM	1	74	21.60	21.65	21.57	22	1				
15	16QAM	36	0	20.79	20.91	20.96						
15	16QAM	36	20	20.76	20.77	21.07						
15	16QAM	36	39	20.68	20.75	20.96	22	1				
15	16QAM	75	0	20.63	20.79	20.82						
15	64QAM	1	0	20.74	20.81	20.67						
15	64QAM	1	37	20.88	21.03	20.94	22	1				
15	64QAM	1	74	20.75	20.79	20.80						
15	64QAM	36	0	19.87	19.88	19.82						
15	64QAM	36	20	19.76	19.81	20.00	21	2				
15	64QAM	36	39	19.71	19.80	20.00						
15	64QAM	75	0	19.75	19.88	19.87						
Channel												
Frequency (MHz)												
10	QPSK	1	0	21.64	21.45	21.59	23	0				
10	QPSK	1	25	21.86	22.09	21.96						
10	QPSK	1	49	21.58	21.58	21.71						
10	QPSK	25	0	21.81	21.81	21.89	23	0				
10	QPSK	25	12	21.59	21.80	21.66						
10	QPSK	25	25	21.58	21.70	21.66						
10	QPSK	50	0	21.80	21.82	21.88	23	0				
10	16QAM	1	0	21.70	21.51	21.70						
10	16QAM	1	25	21.47	21.75	21.68						
10	16QAM	1	49	21.66	21.69	21.83	22	1				
10	16QAM	25	0	20.67	20.78	20.84						
10	16QAM	25	12	20.72	20.69	21.03						
10	16QAM	25	25	20.70	20.62	21.00	22	1				
10	16QAM	50	0	20.78	20.74	20.97						
10	64QAM	1	0	20.86	20.72	20.79						
10	64QAM	1	25	21.02	21.03	20.98	22	1				
10	64QAM	1	49	20.57	20.83	20.82						
10	64QAM	25	0	19.90	20.03	19.85						
10	64QAM	25	12	19.75	19.81	19.99	21	2				
10	64QAM	25	25	19.71	19.88	20.00						
10	64QAM	50	0	19.81	19.86	19.93						
Channel												
Frequency (MHz)												
5	QPSK	1	0	21.55	21.51	21.53	23	0				
5	QPSK	1	12	21.86	22.08	21.95						
5	QPSK	1	24	21.58	21.54	21.73						
5	QPSK	12	0	21.71	21.95	21.79	23	0				
5	QPSK	12	7	21.62	21.88	21.59						
5	QPSK	12	13	21.69	21.68	21.77						
5	QPSK	25	0	21.74	21.78	21.82	23	0				
5	16QAM	1	0	21.66	21.58	21.66						
5	16QAM	1	12	21.50	21.57	21.53						
5	16QAM	1	24	21.56	21.57	21.53	22	1				
5	16QAM	12	0	20.77	20.75	20.94						
5	16QAM	12	7	20.70	20.75	21.01						
5	16QAM	12	13	20.55	20.77	20.85	22	1				
5	16QAM	25	0	20.78	20.81	20.97						
5	64QAM	1	0	20.74	20.88	20.67						
5	64QAM	1	12	20.91	21.13	20.87	22	1				
5	64QAM	1	24	20.60	20.68	20.65						
5	64QAM	12	0	19.92	19.98	19.87						
5	64QAM	12	7	19.75	19.70	19.99	21	2				
5	64QAM	12	13	19.75	19.68	20.04						
5	64QAM	25	0	19.72	19.78	19.84						
Channel												
Frequency (MHz)												
3	QPSK	1	0	21.62	21.55	21.54	23	0				
3	QPSK	1	8	21.94	22.06	21.96						
3	QPSK	1	14	21.46	21.51	21.69						
3	QPSK	8	0	21.83	21.79	21.91	23	0				
3	QPSK	8	4	21.75	21.72	21.72						
3	QPSK	8	7	21.71	21.76	21.79						
3	QPSK	15	0	21.69	21.89	21.77	23	0				
3	16QAM	1	0	21.67	21.61	21.67						
3	16QAM	1	8	21.41	21.71	21.62						
3	16QAM	1	14	21.51	21.65	21.48	23	0				
3	16QAM	8	0	20.81	20.83	20.88						
3	16QAM	8	4	20.78	20.76	21.09						
3	16QAM	8	7	20.65	20.80	20.85	22	1				
3	16QAM	15	0	20.77	20.77	20.96						
3	64QAM	1	0	20.82	20.74	20.75						
3	64QAM	1	8	21.03	21.01	20.99	22	1				
3	64QAM	1	14	20.65	20.72	20.70						
3	64QAM	8	0	19.96	19.85	19.91						
3	64QAM	8	4	19.81	19.87	20.05	21	2				
3	64QAM	8	7	19.79	19.66	20.08						
3	64QAM	15	0	19.84	19.77	19.96						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	21.50	21.52	21.60	23	0				
1.4	QPSK	1	3	21.82	22.07	21.95						
1.4	QPSK	1	5	21.60	21.59	21.74						
1.4	QPSK	3	0	21.62	21.59	21.53	23	0				
1.4	QPSK	3	1	21.86	22.09	21.92						
1.4	QPSK	3	3	21.46	21.61	21.68						
1.4	QPSK	6	0	21.68	21.75	21.75	23	0				
1.4	16QAM	1	0	21.77	21.47	21.77						
1.4	16QAM	1	3	21.56	21.74	21.77						
1.4	16QAM	1	5	21.57	21.57	21.54	23	0				
1.4	16QAM	3	0	21.76	21.88	21.93						
1.4	16QAM	3	1	21.59	21.68	21.90						
1.4	16QAM	3	1	21.64	21.64	21.84	22	1				
1.4	16QAM	6	0	20.73	20.66	20.92						
1.4	64QAM	1	0	20.88	20.71	20.81						
1.4	64QAM	1	3	20.94	21.18	20.90	22	1				
1.4	64QAM	1	5	20.64	20.84	20.69						
1.4	64QAM	3	0	20.86	20.92	20.81						
1.4	64QAM	3	1	20.81	20.77	21.05	22	1				
1.4	64QAM	3	3	20.78	20.69	21.07						
1.4	64QAM	6	0	19.72	19.88	19.84						

Band 4_Ant31												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	19.55	19.60	19.64	20.4	0				
20	QPSK	1	49	19.65	19.70	19.62						
20	QPSK	1	99	19.11	19.23	19.18						
20	QPSK	50	0	19.25	19.37	19.30	20.4	0				
20	QPSK	50	24	19.34	19.35	19.24						
20	QPSK	50	50	19.13	19.30	19.22						
20	QPSK	100	0	19.32	19.36	19.17	20.4	0				
20	16QAM	1	0	19.03	19.22	19.20						
20	16QAM	1	49	19.08	19.26	19.26						
20	16QAM	1	99	19.86	18.72	19.75	20.4	0				
20	16QAM	50	0	19.15	19.31	19.13						
20	16QAM	50	24	19.22	19.31	19.28						
20	16QAM	50	50	19.34	19.35	19.35	20.4	0				
20	16QAM	100	0	19.24	19.33	19.31						
20	64QAM	1	0	19.25	19.37	19.37	20.4	0				
20	64QAM	1	49	19.37	19.55	19.51						
20	64QAM	1	99	19.20	19.26	19.11						
20	64QAM	50	0	19.13	19.24	19.08	20.4	0				
20	64QAM	50	24	19.16	19.26	19.17						
20	64QAM	50	50	19.28	19.31	19.31						
20	64QAM	100	0	19.34	19.39	19.32	20.4	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	19.40	19.55	19.49	20.4	0				
15	QPSK	1	37	19.51	19.69	19.48						
15	QPSK	1	74	19.03	19.14	19.10						
15	QPSK	36	0	19.18	19.23	19.23	20.4	0				
15	QPSK	36	20	19.17	19.34	19.07						
15	QPSK	36	39	18.97	19.15	19.06						
15	QPSK	75	0	19.26	19.19	19.11	20.4	0				
15	16QAM	1	0	18.88	19.08	19.05						
15	16QAM	1	37	18.95	19.18	19.13						
15	16QAM	1	74	18.76	18.61	18.63	20.4	0				
15	16QAM	36	0	19.05	19.21	19.03						
15	16QAM	36	20	19.13	19.18	19.19						
15	16QAM	36	39	19.26	19.34	19.27	20.4	0				
15	16QAM	75	0	19.09	19.22	19.16						
15	64QAM	1	0	19.24	19.35	19.36	20.4	0				
15	64QAM	1	37	19.34	19.54	19.50						
15	64QAM	1	74	19.17	19.13	19.08						
15	64QAM	36	0	19.12	19.22	19.07	20.4	0				
15	64QAM	36	20	19.11	19.07	19.12						
15	64QAM	36	39	19.24	19.28	19.27						
15	64QAM	75	0	19.15	19.21	19.13	20.4	0				
Channel												
Frequency (MHz)												
10	QPSK	1	0	19.41	19.55	19.50	20.4	0				
10	QPSK	1	25	19.46	19.59	19.43						
10	QPSK	1	49	18.94	19.15	19.01						
10	QPSK	25	0	19.18	19.31	19.23	20.4	0				
10	QPSK	25	12	19.17	19.22	19.07						
10	QPSK	25	25	19.13	19.12	19.22						
10	QPSK	50	0	19.14	19.24	19.99	20.4	0				
10	16QAM	1	0	18.94	19.20	19.11						
10	16QAM	1	25	18.96	19.10	19.14						
10	16QAM	1	49	18.99	18.58	18.56	20.4	0				
10	16QAM	25	0	19.09	19.14	19.07						
10	16QAM	25	12	19.14	19.16	19.20						
10	16QAM	25	25	19.33	19.23	19.34	20.4	0				
10	16QAM	50	0	19.17	19.15	19.24						
10	64QAM	1	0	19.19	19.29	19.31	20.4	0				
10	64QAM	1	25	19.26	19.40	19.42						
10	64QAM	1	49	19.02	19.19	18.93						
10	64QAM	25	0	19.10	19.23	19.05	20.4	0				
10	64QAM	25	12	19.15	19.18	19.18						
10	64QAM	25	25	19.24	19.24	19.20						
10	64QAM	50	0	19.24	19.30	19.22	20.4	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	19.39	19.46	19.48	20.4	0				
5	QPSK	1	12	19.53	19.64	19.50						
5	QPSK	1	24	18.99	19.15	19.06						
5	QPSK	12	0	19.21	19.22	19.26	20.4	0				
5	QPSK	12	7	19.17	19.28	19.07						
5	QPSK	12	13	19.07	19.19	19.16						
5	QPSK	25	0	19.19	19.28	19.04	20.4	0				
5	16QAM	1	0	18.99	19.06	19.06						
5	16QAM	1	12	18.89	19.10	19.07						
5	16QAM	1	24	18.78	18.57	18.65	20.4	0				
5	16QAM	12	0	18.97	19.31	18.95						
5	16QAM	12	7	19.17	19.23	19.23						
5	16QAM	12	13	19.33	19.30	19.34	20.4	0				
5	16QAM	25	0	19.10	19.29	19.17						
5	64QAM	1	0	19.14	19.37	19.26	20.4	0				
5	64QAM	1	12	19.36	19.55	19.52						
5	64QAM	1	24	19.12	19.12	19.03						
5	64QAM	12	0	19.11	19.06	19.06	20.4	0				
5	64QAM	12	7	19.12	19.17	19.13						
5	64QAM	12	13	19.13	19.23	19.16						
5	64QAM	25	0	19.29	19.31	19.27	20.4	0				
Channel												
Frequency (MHz)												
3	QPSK	1	0	19.44	19.57	19.53	20.4	0				
3	QPSK	1	8	19.61	19.54	19.58						
3	QPSK	1	14	18.94	19.16	19.01						
3	QPSK	8	0	19.21	19.25	19.26	20.4	0				
3	QPSK	8	4	19.24	19.22	19.14						
3	QPSK	8	7	19.09	19.12	19.18						
3	QPSK	15	0	19.26	19.32	19.11	20.4	0				
3	16QAM	1	0	18.99	19.18	19.16						
3	16QAM	1	8	18.95	19.24	19.13						
3	16QAM	1	14	18.77	18.67	18.64	20.4	0				
3	16QAM	8	0	19.00	19.27	19.98						
3	16QAM	8	4	19.06	19.28	19.12						
3	16QAM	8	7	19.30	19.31	19.31	20.4	0				
3	16QAM	15	0	19.23	19.21	19.30						
3	64QAM	1	0	19.17	19.30	19.29	20.4	0				
3	64QAM	1	8	19.26	19.41	19.42						
3	64QAM	1	14	19.15	19.25	19.06						
3	64QAM	8	0	18.96	19.15	18.91	20.4	0				
3	64QAM	8	4	19.02	19.09	19.03						
3	64QAM	8	7	19.09	19.14	19.12						
3	64QAM	15	0	19.15	19.39	19.13	20.4	0				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	19.52	19.55	19.61	20.4	0				
1.4	QPSK	1	3	19.59	19.61	19.56						
1.4	QPSK	1	5	19.02	19.06	19.09						
1.4	QPSK	3	0	19.10	19.20	19.15	19.4	1				
1.4	QPSK	3	1	19.16	19.28	19.06						
1.4	QPSK	3	3	19.35	19.20	19.12						
1.4	QPSK	6	0	19.23	19.17	19.05	19.4	1				
1.4	16QAM	1	0	18.92	19.22	19.09						
1.4	16QAM	1	3	18.93	19.26	19.11						
1.4	16QAM	1	5	18.69	18.58	18.56	19.4	1				
1.4	16QAM	3	0	19.07	19.26	19.05						
1.4	16QAM	3	1	19.09	19.18	19.15						
1.4	16QAM	3	3	19.21	19.19	19.22	18.4	2				
1.4	16QAM	6	0	19.22	19.20	19.18						
1.4	64QAM	1	0	19.23	19.23	19.35						
1.4	64QAM	1	3	19.25	19.39	19.51	18.4	2				
1.4	64QAM	1	5	19.04	19.12	18.95						
1.4	64QAM	3	0	19.12	19.07	19.07						
1.4	64QAM	3	1	19.08	19.15	19.07	18.4	2				
1.4	64QAM	3	3	19.23	19.12	19.26						
1.4	64QAM	6	0	19.32	19.23	19.30						

Band 7_Ant13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.77	22.80	22.78	24	0
20	QPSK	1	49	23.08	23.12	22.70		
20	QPSK	1	99	22.88	22.77	22.64		
20	QPSK	50	0	22.00	22.10	21.97		
20	QPSK	50	24	21.88	21.96	22.04	23	1
20	QPSK	50	50	21.71	21.95	22.06		
20	QPSK	100	0	22.00	22.05	22.02		
20	16QAM	1	0	21.43	21.55	21.56		
20	16QAM	1	49	21.45	21.69	21.61	23	1
20	16QAM	1	99	21.33	21.50	21.76		
20	16QAM	50	0	20.73	20.99	21.08		
20	16QAM	50	24	20.41	21.05	21.00		
20	16QAM	50	50	20.66	21.06	21.00	22	2
20	16QAM	100	0	20.54	20.89	20.93		
20	64QAM	1	0	20.84	20.88	20.90		
20	64QAM	1	49	21.34	21.34	21.40		
20	64QAM	1	99	20.90	20.86	21.04	22	2
20	64QAM	50	0	19.64	20.04	20.05		
20	64QAM	50	24	19.82	20.02	19.99		
20	64QAM	50	50	19.79	19.89	19.99		
20	64QAM	100	0	19.70	19.97	19.84	21	3
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.76	22.71	22.77	24	0
15	QPSK	1	37	23.05	23.10	22.76		
15	QPSK	1	74	22.64	22.84	22.60		
15	QPSK	36	0	22.06	22.03	22.03		
15	QPSK	36	20	21.85	21.94	22.01	23	1
15	QPSK	36	39	21.73	21.97	22.08		
15	QPSK	75	0	21.95	21.96	21.97		
15	16QAM	1	0	21.48	21.57	21.61		
15	16QAM	1	37	21.44	21.65	21.60	23	1
15	16QAM	1	74	21.67	21.55	21.82		
15	16QAM	36	0	20.81	21.08	21.16		
15	16QAM	36	20	20.51	20.96	21.10		
15	16QAM	36	39	20.59	21.08	20.93	22	2
15	16QAM	75	0	20.55	20.88	20.94		
15	64QAM	1	0	20.85	20.96	20.91		
15	64QAM	1	37	21.44	21.34	21.50		
15	64QAM	1	74	20.92	20.91	21.06	22	2
15	64QAM	36	0	19.63	20.13	20.04		
15	64QAM	36	20	19.67	20.05	20.04		
15	64QAM	36	39	19.79	19.89	19.99		
15	64QAM	75	0	19.65	19.94	19.79	21	3
Channel				20860	21100	21400		
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.73	22.76	22.74	24	0
10	QPSK	1	25	23.11	23.10	22.73		
10	QPSK	1	49	22.86	22.71	22.62		
10	QPSK	25	0	22.06	22.10	22.03		
10	QPSK	25	12	21.84	21.97	22.00	23	1
10	QPSK	25	25	21.86	21.94	22.01		
10	QPSK	50	0	21.92	21.97	21.94		
10	16QAM	1	0	21.45	21.58	21.58		
10	16QAM	1	25	21.52	21.62	21.68	23	1
10	16QAM	1	49	21.71	21.41	21.86		
10	16QAM	25	0	20.66	20.94	21.01		
10	16QAM	25	12	20.40	21.14	20.99		
10	16QAM	25	25	20.60	21.02	20.94	22	2
10	16QAM	50	0	20.57	20.99	20.96		
10	64QAM	1	0	20.91	20.80	20.97		
10	64QAM	1	25	21.34	21.31	21.40		
10	64QAM	1	49	20.99	20.88	21.13	22	2
10	64QAM	25	0	19.55	19.95	19.96		
10	64QAM	25	12	19.56	20.12	19.93		
10	64QAM	25	25	19.84	19.90	20.04		
10	64QAM	50	0	19.63	20.05	19.77	21	3
Channel				2077.5	21100	2142.5		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.75	22.82	22.76	24	0
5	QPSK	1	12	23.01	23.05	22.63		
5	QPSK	1	24	22.66	22.81	22.62		
5	QPSK	12	0	21.97	22.14	21.94		
5	QPSK	12	7	21.86	21.91	22.02	23	1
5	QPSK	12	13	21.64	22.03	21.99		
5	QPSK	25	0	21.96	22.04	21.98		
5	16QAM	1	0	21.50	21.47	21.63		
5	16QAM	1	12	21.50	21.60	21.66	23	1
5	16QAM	1	24	21.70	21.50	21.85		
5	16QAM	12	0	20.74	20.91	21.09		
5	16QAM	12	7	20.39	20.96	20.98		
5	16QAM	12	13	20.62	21.11	20.96	22	2
5	16QAM	25	0	20.62	20.94	21.01		
5	64QAM	1	0	20.82	20.86	20.88		
5	64QAM	1	12	21.41	21.32	21.47		
5	64QAM	1	24	20.67	20.93	21.01	22	2
5	64QAM	12	0	19.60	20.00	20.01		
5	64QAM	12	7	19.59	20.00	19.99		
5	64QAM	12	13	19.80	19.80	20.00		
5	64QAM	25	0	19.65	19.98	19.79	21	3
Channel				2077.5	2100	2142.5		

Band 7_Ant31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.83	16.91	16.98	17.7	0
20	QPSK	1	49	17.10	17.24	17.15		
20	QPSK	1	99	16.94	17.06	16.94		
20	QPSK	50	0	16.89	16.92	16.90		
20	QPSK	50	24	16.86	16.90	16.85	17.7	0
20	QPSK	50	50	16.85	16.89	16.73		
20	QPSK	100	0	16.87	16.89	16.71		
20	16QAM	1	0	16.53	16.65	16.51		
20	16QAM	1	49	16.72	16.73	16.62	17.7	0
20	16QAM	1	99	16.45	16.51	16.40		
20	16QAM	50	0	16.88	17.02	16.99		
20	16QAM	50	24	16.96	17.01	16.98		
20	16QAM	50	50	16.93	16.98	16.84	17.7	0
20	16QAM	100	0	16.92	16.94	16.81		
20	64QAM	1	0	16.72	16.80	16.80		
20	64QAM	1	49	17.03	17.13	17.12		
20	64QAM	1	99	16.72	16.88	16.70	17.7	0
20	64QAM	50	0	16.84	16.91	16.74		
20	64QAM	50	24	16.90	17.00	16.97		
20	64QAM	50	50	16.81	16.97	16.86		
20	64QAM	100	0	16.92	17.04	16.85	17.7	0
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	16.75	16.91	16.90	17.7	0
15	QPSK	1	37	17.03	17.16	17.08		
15	QPSK	1	74	16.86	17.02	16.86		
15	QPSK	36	0	16.75	16.83	16.76		
15	QPSK	36	20	16.73	16.79	16.72	17.7	0
15	QPSK	36	39	16.67	16.70	16.55		
15	QPSK	75	0	16.69	16.80	16.53		
15	16QAM	1	0	16.53	16.49	16.51		
15	16QAM	1	37	16.71	16.56	16.61	17.7	0
15	16QAM	1	74	16.28	16.46	16.23		
15	16QAM	36	0	16.84	16.88	16.95		
15	16QAM	36	20	16.88	16.92	16.90		
15	16QAM	36	39	16.83	16.92	16.74	17.7	0
15	16QAM	75	0	16.79	16.80	16.68		
15	64QAM	1	0	16.72	16.66	16.80		
15	64QAM	1	37	16.93	17.04	17.02		
15	64QAM	1	74	16.63	16.85	16.61	17.7	0
15	64QAM	36	0	16.81	16.80	16.71		
15	64QAM	36	20	16.97	16.92	16.94		
15	64QAM	36	39	16.76	16.84	16.81		
15	64QAM	75	0	16.84	16.89	16.77	17.7	0
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	16.79	16.74	16.94	17.7	0
10	QPSK	1	25	17.00	17.23	17.05		
10	QPSK	1	49	16.91	16.94	16.91		
10	QPSK	25	0	16.86	16.87	16.87		
10	QPSK	25	12	16.67	16.87	16.66	17.7	0
10	QPSK	25	25	16.70	16.84	16.58		
10	QPSK	50	0	16.81	16.77	16.65		
10	16QAM	1	0	16.47	16.53	16.45		
10	16QAM	1	25	16.58	16.58	16.48	17.7	0
10	16QAM	1	49	16.43	16.32	16.38		
10	16QAM	25	0	16.87	16.89	16.88		
10	16QAM	25	12	16.79	17.01	16.81		
10	16QAM	25	25	16.84	16.94	16.75	17.7	0
10	16QAM	50	0	16.83	16.91	16.80		
10	64QAM	1	0	16.72	16.77	16.80		
10	64QAM	1	25	17.00	17.01	17.09		
10	64QAM	1	49	16.62	16.69	16.69	17.7	0
10	64QAM	25	0	16.79	16.91	16.69		
10	64QAM	25	12	16.78	16.93	16.85		
10	64QAM	25	25	16.67	16.80	16.72		
10	64QAM	50	0	16.82	17.02	16.75	17.7	0
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	16.75	16.75	16.90	17.7	0
5	QPSK	1	12	16.91	17.16	16.96		
5	QPSK	1	24	16.79	17.03	16.79		
5	QPSK	12	0	16.72	16.80	16.73		
5	QPSK	12	7	16.69	16.85	16.68	17.7	0
5	QPSK	12	13	16.70	16.77	16.58		
5	QPSK	25	0	16.86	16.75	16.70		
5	16QAM	1	0	16.51	16.49	16.49		
5	16QAM	1	12	16.64	16.56	16.54	17.7	0
5	16QAM	1	24	16.37	16.39	16.32		
5	16QAM	12	0	16.77	16.97	16.88		
5	16QAM	12	7	16.90	16.93	16.92		
5	16QAM	12	13	16.82	16.95	16.82	17.7	0
5	16QAM	25	0	16.74	16.92	16.63		
5	64QAM	1	0	16.62	16.72	16.70		
5	64QAM	1	12	17.03	17.06	17.12		
5	64QAM	1	24	16.63	16.82	16.61	17.7	0
5	64QAM	12	0	16.72	16.93	16.72		
5	64QAM	12	7	16.72	16.81	16.79		
5	64QAM	12	13	16.71	16.93	16.76		
5	64QAM	25	0	16.82	16.91	16.75	17.7	0
Channel				20750	21100	21400		
Frequency (MHz)				2500	2535	2565	Tune-up limit (dBm)	MPR (dB)

Band 13_Ant31									
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		21.58		23.3	0	
10	QPSK	1	25		21.92				
10	QPSK	1	49		21.83				
10	QPSK	25	0		20.99		22.3	1	
10	QPSK	25	12		20.85				
10	QPSK	25	25		20.95				
10	QPSK	50	0		20.98		22.3	1	
10	16QAM	1	0		21.03				
10	16QAM	1	25		20.99				
10	16QAM	1	49		20.96		21.3	2	
10	16QAM	25	0		19.95				
10	16QAM	25	12		20.08				
10	16QAM	25	25		19.92		21.3	2	
10	16QAM	50	0		20.05				
10	64QAM	1	0		19.88		21.3	2	
10	64QAM	1	25		19.98				
10	64QAM	1	49		19.98				
10	64QAM	25	0		18.94		20.3	3	
10	64QAM	25	12		18.80				
10	64QAM	25	25		18.86				
10	64QAM	50	0		18.96		Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
5	QPSK	1	0	21.64	21.55	21.57	23.3	0	
5	QPSK	1	12	21.83	21.79	21.75			
5	QPSK	1	24	21.75	21.82	21.72			
5	QPSK	12	0	20.85	20.86	20.80	22.3	1	
5	QPSK	12	7	20.96	20.89	20.91			
5	QPSK	12	13	21.00	21.05	20.93			
5	QPSK	25	0	20.97	20.91	21.04	22.3	1	
5	16QAM	1	0	21.06	21.05	20.99			
5	16QAM	1	12	20.91	20.98	20.86			
5	16QAM	1	24	20.58	20.60	20.57	21.3	2	
5	16QAM	12	0	19.96	19.90	19.91			
5	16QAM	12	7	19.99	20.01	20.05			
5	16QAM	12	13	20.01	20.06	19.99	21.3	2	
5	16QAM	25	0	19.99	20.06	19.90			
5	64QAM	1	0	19.87	19.94	19.84			
5	64QAM	1	12	20.07	20.08	20.12	20.3	3	
5	64QAM	1	24	20.05	19.95	20.09			
5	64QAM	12	0	18.88	19.06	18.97			
5	64QAM	12	7	19.87	19.86	19.80	20.3	3	
5	64QAM	12	13	18.84	18.92	18.93			
5	64QAM	25	0	19.05	18.92	18.99			

Band 26_Ant13											
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)											
15	QPSK	1	0	22.83	22.61	22.99	24	0			
15	QPSK	1	37	23.22	23.28	23.25					
15	QPSK	1	74	23.05	22.76	23.01					
15	QPSK	36	0	21.91	22.15	22.08	23	1			
15	QPSK	36	20	21.94	21.94	22.10					
15	QPSK	36	39	22.03	22.04	22.10					
15	QPSK	75	0	22.03	22.05	22.00	23	1			
15	16QAM	1	0	21.79	21.70	21.80					
15	16QAM	1	37	22.08	22.00	22.15					
15	16QAM	1	74	21.56	21.88	21.85	22	2			
15	16QAM	36	0	20.72	20.76	20.95					
15	16QAM	36	20	20.87	20.82	21.10					
15	16QAM	36	39	20.82	20.96	21.01	22	2			
15	16QAM	75	0	21.01	20.97	20.95					
15	64QAM	1	0	20.90	20.83	21.24	22	2			
15	64QAM	1	37	20.88	21.13	21.20					
15	64QAM	1	74	20.97	21.00	20.94					
15	64QAM	36	0	20.00	19.93	20.06	21	3			
15	64QAM	36	20	20.89	20.00	20.21					
15	64QAM	36	39	20.08	20.06	19.96					
15	64QAM	75	0	19.96	20.09	20.36	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
10	QPSK	1	0	22.74	22.59	22.90	24	0			
10	QPSK	1	25	23.13	23.10	23.16					
10	QPSK	1	49	22.90	22.62	22.86					
10	QPSK	25	0	21.73	22.02	21.90	23	1			
10	QPSK	25	12	21.94	21.88	22.05					
10	QPSK	25	25	21.97	21.90	22.04					
10	QPSK	50	0	22.03	22.04	22.00	23	1			
10	16QAM	1	0	21.60	21.63	21.61					
10	16QAM	1	25	21.97	21.95	22.04					
10	16QAM	1	49	21.53	21.73	21.82	22	2			
10	16QAM	25	0	20.53	20.63	20.76					
10	16QAM	25	12	20.87	20.72	21.10					
10	16QAM	25	25	20.85	20.88	20.84	22	2			
10	16QAM	50	0	21.01	20.97	20.95					
10	64QAM	1	0	20.80	20.73	21.14	22	2			
10	64QAM	1	25	20.87	21.05	21.19					
10	64QAM	1	49	20.79	20.91	20.76					
10	64QAM	25	0	19.85	19.83	19.91	21	3			
10	64QAM	25	12	19.81	19.95	20.13					
10	64QAM	25	25	19.88	20.00	19.86					
10	64QAM	50	0	19.80	20.06	20.20	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.75	22.46	22.91	24	0			
5	QPSK	1	12	23.09	23.11	23.12					
5	QPSK	1	24	22.91	22.62	22.87					
5	QPSK	12	0	21.73	22.10	21.90	23	1			
5	QPSK	12	7	21.83	21.82	21.94					
5	QPSK	12	13	21.84	21.88	21.91					
5	QPSK	25	0	22.02	21.91	21.99	23	1			
5	16QAM	1	0	21.68	21.61	21.69					
5	16QAM	1	12	22.01	21.81	22.08					
5	16QAM	1	24	21.50	21.80	21.79	22	2			
5	16QAM	12	0	20.57	20.69	20.80					
5	16QAM	12	7	20.69	20.65	20.92					
5	16QAM	12	13	20.81	20.88	21.00	22	2			
5	16QAM	25	0	20.93	20.90	20.87					
5	64QAM	1	0	20.73	20.78	21.07					
5	64QAM	1	12	20.70	21.12	21.02	22	2			
5	64QAM	1	24	20.95	20.82	20.92					
5	64QAM	12	0	19.89	19.86	19.95					
5	64QAM	12	7	19.73	19.86	20.05	21	3			
5	64QAM	12	13	20.00	19.93	19.88					
5	64QAM	25	0	19.94	20.00	20.34					
Channel											
Frequency (MHz)											
3	QPSK	1	0	22.65	22.46	22.91	24	0			
3	QPSK	1	8	23.15	23.11	23.18					
3	QPSK	1	14	22.93	22.66	22.89					
3	QPSK	8	0	21.73	22.05	21.90	23	1			
3	QPSK	8	4	21.90	21.76	22.01					
3	QPSK	8	7	21.93	21.96	22.00					
3	QPSK	15	0	21.87	21.90	21.84	23	1			
3	16QAM	1	0	21.65	21.59	21.66					
3	16QAM	1	8	22.02	21.83	22.09					
3	16QAM	1	14	21.49	21.75	21.78	22	2			
3	16QAM	8	0	20.70	20.59	20.93					
3	16QAM	8	4	20.72	20.70	20.95					
3	16QAM	8	7	20.65	20.90	20.84	22	2			
3	16QAM	15	0	20.85	20.81	20.79					
3	64QAM	1	0	20.76	20.77	21.10					
3	64QAM	1	8	20.83	21.03	21.15	22	2			
3	64QAM	1	14	20.95	20.96	20.92					
3	64QAM	8	0	19.96	19.88	20.02					
3	64QAM	8	4	19.75	20.00	20.07	21	3			
3	64QAM	8	7	19.93	19.89	19.81					
3	64QAM	15	0	19.77	20.07	20.17					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	22.82	22.51	22.98	24	0			
1.4	QPSK	1	3	23.06	23.20	23.09					
1.4	QPSK	1	5	22.89	22.74	22.85					
1.4	QPSK	3	0	22.79	23.08	22.96	23	1			
1.4	QPSK	3	1	22.92	22.82	23.04					
1.4	QPSK	3	3	23.02	22.94	23.09					
1.4	QPSK	6	0	21.94	21.91	21.82	23	1			
1.4	16QAM	1	0	21.68	21.56	21.69					
1.4	16QAM	1	3	21.89	21.88	21.96					
1.4	16QAM	1	5	21.51	21.78	21.80	23	1			
1.4	16QAM	3	0	21.59	21.72	21.82					
1.4	16QAM	3	1	21.92	21.78	22.02					
1.4	16QAM	3	3	21.63	21.91	21.82	22	2			
1.4	16QAM	6	0	20.79	20.85	20.86					
1.4	16QAM	1	0	20.71	20.74	21.05					
1.4	64QAM	1	3	20.85	21.12	21.17	22	2			
1.4	64QAM	1	5	20.82	20.90	20.79					
1.4	64QAM	3	0	20.97	20.91	21.03					
1.4	64QAM	3	1	20.87	21.89	21.19	23	1			
1.4	64QAM	3	3	21.08	21.02	20.96					
1.4	64QAM	6	0	19.83	19.98	20.23					

Band 66_Ant13										
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				132022	133322	135022				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	22.58	22.87	22.53	24	0		
20	QPSK	1	49	22.90	23.15	22.72				
20	QPSK	1	99	22.59	23.05	22.48				
20	QPSK	50	0	21.96	22.17	21.85	23	1		
20	QPSK	50	24	21.94	22.16	21.75				
20	QPSK	50	50	21.97	22.14	21.68				
20	QPSK	100	0	21.88	22.21	21.79	23	1		
20	16QAM	1	0	21.75	22.14	21.75				
20	16QAM	1	49	21.69	21.83	21.70				
20	16QAM	1	99	21.77	22.05	21.88	22	2		
20	16QAM	50	0	20.86	20.98	20.86				
20	16QAM	50	24	20.95	21.11	20.79				
20	16QAM	50	50	20.95	21.21	20.75	22	2		
20	16QAM	100	0	20.89	21.18	20.78				
20	64QAM	1	0	21.00	21.26	21.09				
20	64QAM	1	49	21.35	21.40	21.30	22	2		
20	64QAM	1	99	21.01	21.47	20.88				
20	64QAM	50	0	19.80	20.20	19.83				
20	64QAM	50	24	19.88	20.12	19.67	21	3		
20	64QAM	50	50	19.91	20.10	19.82				
20	64QAM	100	0	19.91	20.15	19.92				
Channel				132022	133322	135022	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1772.5				
15	QPSK	1	0	22.47	22.87	22.42	24	0		
15	QPSK	1	37	22.71	23.13	22.53				
15	QPSK	1	74	22.54	22.88	22.43				
15	QPSK	36	0	21.82	22.14	21.71	23	1		
15	QPSK	36	20	21.80	22.00	21.61				
15	QPSK	36	39	21.95	22.09	21.86				
15	QPSK	75	0	21.83	22.16	21.74	23	1		
15	16QAM	1	0	21.70	22.14	21.70				
15	16QAM	1	37	21.58	21.81	21.59				
15	16QAM	1	74	21.76	21.83	21.87	22	2		
15	16QAM	36	0	20.83	20.94	20.83				
15	16QAM	36	20	20.92	21.02	20.76				
15	16QAM	36	39	20.95	21.21	20.75	22	2		
15	16QAM	75	0	20.84	21.09	20.73				
15	64QAM	1	0	20.88	21.08	20.97				
15	64QAM	1	37	21.27	21.33	21.22	22	2		
15	64QAM	1	74	20.83	21.36	20.70				
15	64QAM	36	0	19.61	20.08	19.64				
15	64QAM	36	20	19.70	20.10	19.68	21	3		
15	64QAM	36	39	19.79	20.08	19.82				
15	64QAM	75	0	19.81	20.07	19.82				
Channel				132022	133322	135022	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	22.56	22.72	22.51	24	0		
10	QPSK	1	25	22.77	23.06	22.59				
10	QPSK	1	49	22.44	22.97	22.33				
10	QPSK	25	0	21.78	22.14	21.67	23	1		
10	QPSK	25	12	21.79	21.98	21.60				
10	QPSK	25	25	21.82	22.04	21.53				
10	QPSK	50	0	21.71	22.05	21.62	23	1		
10	16QAM	1	0	21.73	22.12	21.73				
10	16QAM	1	25	21.56	21.77	21.57				
10	16QAM	1	49	21.65	21.76	21.78	22	2		
10	16QAM	25	0	20.83	20.96	20.83				
10	16QAM	25	12	20.87	20.98	20.71				
10	16QAM	25	25	20.78	21.06	20.58	22	2		
10	16QAM	50	0	20.70	21.04	20.59				
10	64QAM	1	0	20.87	21.08	20.96				
10	64QAM	1	25	21.18	21.28	21.13	22	2		
10	64QAM	1	49	20.99	21.43	20.86				
10	64QAM	25	0	19.67	20.03	19.70				
10	64QAM	25	12	19.79	20.02	19.58	21	3		
10	64QAM	25	25	19.83	19.99	19.74				
10	64QAM	50	0	19.91	20.11	19.92				
Channel				131997	133322	135047	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	22.46	22.70	22.41	24	0		
5	QPSK	1	12	22.71	23.12	22.53				
5	QPSK	1	24	22.40	22.87	22.29				
5	QPSK	12	0	21.83	22.17	21.72	23	1		
5	QPSK	12	7	21.78	22.09	21.59				
5	QPSK	12	13	21.85	21.97	21.56				
5	QPSK	25	0	21.88	22.16	21.79	23	1		
5	16QAM	1	0	21.67	22.01	21.67				
5	16QAM	1	12	21.60	21.76	21.61				
5	16QAM	1	24	21.76	21.95	21.87	22	2		
5	16QAM	12	0	20.78	20.98	20.78				
5	16QAM	12	7	20.89	21.05	20.73				
5	16QAM	12	13	20.91	21.07	20.71	22	2		
5	16QAM	25	0	20.83	21.03	20.72				
5	64QAM	1	0	20.83	21.19	20.92				
5	64QAM	1	12	21.28	21.32	21.23	22	2		
5	64QAM	1	24	20.99	21.33	20.86				
5	64QAM	12	0	19.79	20.11	19.82				
5	64QAM	12	7	19.79	20.11	19.88	21	3		
5	64QAM	12	13	19.75	19.95	19.66				
5	64QAM	25	0	19.81	20.14	19.82				
Channel				131987	133322	135057	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	22.44	22.72	22.39	24	0		
3	QPSK	1	8	22.71	23.11	22.53				
3	QPSK	1	14	22.54	23.03	22.43				
3	QPSK	8	0	21.86	22.15	21.75	23	1		
3	QPSK	8	4	21.81	22.09	21.62				
3	QPSK	8	7	21.94	22.06	21.65				
3	QPSK	15	0	21.71	22.14	21.62	23	1		
3	16QAM	1	0	21.60	22.03	21.60				
3	16QAM	1	8	21.52	21.81	21.53				
3	16QAM	1	14	21.76	21.85	21.87	22	2		
3	16QAM	8	0	20.86	20.87	20.86				
3	16QAM	8	4	20.76	20.92	20.60				
3	16QAM	8	7	20.87	21.08	20.67	22	2		
3	16QAM	15	0	20.80	21.02	20.69				
3	64QAM	1	0	20.86	21.25	20.95				
3	64QAM	1	8	21.21	21.25	21.16	22	2		
3	64QAM	1	14	20.83	21.28	20.70				
3	64QAM	8	0	19.73	20.09	19.78				
3	64QAM	8	4	19.72	20.02	19.51	21	3		
3	64QAM	8	7	19.90	19.91	19.81				
3	64QAM	15	0	19.79	19.99	19.80				
Channel				131919	133322	135065	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	22.51	22.75	22.46	24	0		
1.4	QPSK	1	3	22.81	23.04	22.63				
1.4	QPSK	1	3	22.45	22.94	22.34				
1.4	QPSK	3	0	22.80	23.04	22.69	23	1		
1.4	QPSK	3	3	22.90	22.95	22.61				
1.4	QPSK	6	0	21.73	22.09	21.54				
1.4	16QAM	1	0	21.70	22.09	21.70	23	1		
1.4	16QAM	1	3	21.85	21.81	21.66				
1.4	16QAM	1	5	21.78	21.95	21.87				
1.4	16QAM	3	3	21.80	21.83	21.80	22	2		
1.4	16QAM	3	1	21.87	21.98	21.71				
1.4	16QAM	3	3	21.90	22.14	21.86				
1.4	16QAM	6	0	20.76	20.92	20.65	22	2		
1.4	64QAM	1	0	20.89	21.24	20.98				
1.4	64QAM	1	3	21.25	21.33	21.20				
1.4	64QAM	1	5	20.92	21.32	20.79	22	2		
1.4	64QAM	3	0	20.75	21.19	20.78				
1.4	64QAM	3	1	20.87	21.05	20.86				
1.4	64QAM	3	3	20.85	20.92	20.78	21	3		
1.4	64QAM	6	0	19.72	20.12	19.73				

Band 38_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	23.8	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.51	22.20	22.35			
20	QPSK	1	49	22.51	22.63	22.41			
20	QPSK	1	99	22.52	22.31	22.55	23.3	0.5	
20	QPSK	50	0	21.99	22.14	21.86			
20	QPSK	50	24	22.08	21.93	21.87			
20	QPSK	50	50	21.96	21.98	21.99			
20	QPSK	100	0	22.03	22.12	22.06	23.3	0.5	
20	16QAM	1	0	21.40	21.35	21.58			
20	16QAM	1	49	21.67	21.38	21.59			
20	16QAM	1	99	21.71	21.47	21.58			
20	16QAM	50	0	21.15	20.88	21.00	22.3	1.5	
20	16QAM	50	24	21.29	20.86	21.48			
20	16QAM	50	50	21.28	20.79	21.32			
20	16QAM	100	0	21.12	20.80	20.87			
20	64QAM	1	0	20.78	20.91	20.93	22.3	1.5	
20	64QAM	1	49	21.32	21.16	21.25			
20	64QAM	1	99	21.02	21.10	21.11			
20	64QAM	50	0	21.07	20.73	20.87			
20	64QAM	50	24	21.04	20.84	21.01	21.3	2.5	
20	64QAM	50	50	20.74	20.88	20.90			
20	64QAM	100	0	20.37	20.92	20.95			
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2617.5	2595	2617.5	23.8	0	
15	QPSK	1	0	22.36	22.09	22.33			
15	QPSK	1	37	22.47	22.58	22.33			
15	QPSK	1	74	22.45	22.27	22.45			
15	QPSK	36	0	21.96	22.07	21.79	23.3	0.5	
15	QPSK	36	20	21.97	21.86	21.83			
15	QPSK	36	39	21.90	21.96	21.90			
15	QPSK	75	0	21.97	22.06	21.98			
15	16QAM	1	0	21.33	21.33	21.52	23.3	0.5	
15	16QAM	1	37	21.59	21.38	21.49			
15	16QAM	1	74	21.61	21.39	21.46			
15	16QAM	36	0	21.09	20.79	20.91			
15	16QAM	36	20	21.22	20.83	21.36	22.3	1.5	
15	16QAM	36	39	21.19	20.70	21.29			
15	16QAM	75	0	21.01	20.69	20.79			
15	64QAM	1	0	20.72	20.82	20.81			
15	64QAM	1	37	21.23	21.07	21.17	22.3	1.5	
15	64QAM	1	74	20.97	21.04	21.08			
15	64QAM	36	0	21.05	20.69	20.85			
15	64QAM	36	20	20.93	20.78	20.97			
15	64QAM	36	39	20.65	20.78	20.87	21.3	2.5	
15	64QAM	75	0	20.35	20.84	20.88			
Channel				37925	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2617.5	2595	2615	23.8	0	
10	QPSK	1	0	22.48	22.12	22.29			
10	QPSK	1	25	22.49	22.55	22.33			
10	QPSK	1	49	22.43	22.27	22.46			
10	QPSK	25	0	21.97	22.09	21.82	23.3	0.5	
10	QPSK	25	12	22.02	21.88	21.85			
10	QPSK	25	25	21.87	21.96	21.90			
10	QPSK	50	0	22.03	22.09	21.96			
10	16QAM	1	0	21.30	21.31	21.58	23.3	0.5	
10	16QAM	1	25	21.59	21.34	21.55			
10	16QAM	1	49	21.61	21.42	21.52			
10	16QAM	25	0	21.11	20.83	20.90			
10	16QAM	25	12	21.22	20.86	21.39	22.3	1.5	
10	16QAM	25	25	21.29	20.72	21.23			
10	16QAM	50	0	21.11	20.77	20.85			
10	64QAM	1	0	20.78	20.89	20.87			
10	64QAM	1	25	21.51	21.11	21.20	22.3	1.5	
10	64QAM	1	49	20.97	21.05	21.07			
10	64QAM	25	0	21.05	20.67	20.84			
10	64QAM	25	12	21.03	20.80	21.00			
10	64QAM	25	25	20.72	20.82	20.83	21.3	2.5	
10	64QAM	50	0	20.33	20.82	20.95			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	23.8	0	
5	QPSK	1	0	22.50	22.19	22.31			
5	QPSK	1	12	22.51	22.55	22.41			
5	QPSK	1	24	22.42	22.22	22.52			
5	QPSK	12	0	21.96	22.06	21.82	23.3	0.5	
5	QPSK	12	7	22.00	21.85	21.86			
5	QPSK	12	13	21.89	21.88	21.92			
5	QPSK	25	0	22.02	22.03	22.04			
5	16QAM	1	0	21.39	21.32	21.51	23.3	0.5	
5	16QAM	1	12	21.65	21.33	21.50			
5	16QAM	1	24	21.65	21.45	21.53			
5	16QAM	12	0	21.05	20.79	20.93			
5	16QAM	12	7	21.29	20.82	21.32	22.3	1.5	
5	16QAM	12	13	21.20	20.72	21.30			
5	16QAM	25	0	21.07	20.70	20.81			
5	64QAM	1	0	20.76	20.89	20.85			
5	64QAM	1	12	21.26	21.14	21.17	22.3	1.5	
5	64QAM	1	24	21.01	21.09	21.10			
5	64QAM	12	0	21.00	20.66	20.78			
5	64QAM	12	7	21.02	20.79	20.96			
5	64QAM	12	13	20.64	20.79	20.83	21.3	2.5	
5	64QAM	25	0	20.29	20.92	20.86			

Band 38_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	19.6	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	18.75	18.72	18.80	19.6	0	
20	QPSK	1	49	19.10	19.20	19.05			
20	QPSK	1	99	18.60	18.70	18.56			
20	QPSK	50	0	18.70	18.75	18.66			
20	QPSK	50	24	18.52	18.61	18.48	19.6	0	
20	QPSK	50	50	18.59	18.66	18.61			
20	QPSK	100	0	18.81	18.90	18.81			
20	15QAM	1	0	18.62	18.70	18.51			
20	16QAM	1	49	18.46	18.60	18.58	19.6	0	
20	16QAM	1	99	18.67	18.68	18.55			
20	16QAM	50	0	18.67	18.76	18.71			
20	16QAM	50	24	18.52	18.61	18.47			
20	16QAM	50	50	18.51	18.65	18.59	19.6	0	
20	16QAM	100	0	18.48	18.60	18.42			
20	64QAM	1	0	18.68	18.70	18.58			
20	64QAM	1	49	18.55	18.68	18.51			
20	64QAM	1	99	18.56	18.72	18.58	19.6	0	
20	64QAM	50	0	18.66	18.67	18.52			
20	64QAM	50	24	18.51	18.60	18.43			
20	64QAM	50	50	18.53	18.72	18.58			
20	64QAM	100	0	18.67	18.69	18.51	19.6	0	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.59	18.65	18.64	19.6	0	
15	QPSK	1	37	18.98	19.06	18.93			
15	QPSK	1	74	18.55	18.52	18.51			
15	QPSK	36	0	18.60	18.61	18.56			
15	QPSK	36	20	18.47	18.45	18.43	19.6	0	
15	QPSK	36	39	18.54	18.56	18.56			
15	QPSK	75	0	18.80	18.74	18.80			
15	16QAM	1	0	18.60	18.67	18.49			
15	16QAM	1	37	18.45	18.44	18.57	19.6	0	
15	16QAM	1	74	18.58	18.51	18.46			
15	16QAM	36	0	18.49	18.63	18.53			
15	16QAM	36	20	18.51	18.59	18.46			
15	16QAM	36	39	18.40	18.59	18.48	19.6	0	
15	16QAM	75	0	18.32	18.58	18.26			
15	64QAM	1	0	18.57	18.70	18.47			
15	64QAM	1	37	18.46	18.63	18.36			
15	64QAM	1	74	18.55	18.72	18.57	19.6	0	
15	64QAM	36	0	18.49	18.53	18.35			
15	64QAM	36	20	18.42	18.47	18.34			
15	64QAM	36	39	18.47	18.57	18.52			
15	64QAM	75	0	18.55	18.62	18.39	19.6	0	
Channel				37800	38000	38200			
Frequency (MHz)				25750	25950	26150			
10	QPSK	1	0	18.72	18.54	18.77	19.6	0	
10	QPSK	1	25	18.99	19.04	18.94			
10	QPSK	1	49	18.41	18.70	18.37			
10	QPSK	25	0	18.60	18.65	18.66			
10	QPSK	25	12	18.33	18.30	18.29	19.6	0	
10	QPSK	25	25	18.44	18.60	18.46			
10	QPSK	50	0	18.81	18.76	18.81			
10	16QAM	1	0	18.50	18.66	18.39			
10	16QAM	1	25	18.41	18.41	18.33	19.6	0	
10	16QAM	1	49	18.51	18.61	18.39			
10	16QAM	25	0	18.61	18.63	18.65			
10	16QAM	25	12	18.45	18.47	18.40			
10	16QAM	25	25	18.38	18.49	18.46	19.6	0	
10	16QAM	50	0	18.37	18.45	18.31			
10	64QAM	1	0	18.59	18.63	18.49			
10	64QAM	1	25	18.47	18.61	18.43			
10	64QAM	1	49	18.41	18.64	18.43	19.6	0	
10	64QAM	25	0	18.56	18.67	18.42			
10	64QAM	25	12	18.51	18.42	18.43			
10	64QAM	25	25	18.50	18.60	18.45			
10	64QAM	50	0	18.56	18.55	18.40	19.6	0	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	18.56	18.55	18.61	19.6	0	
5	QPSK	1	12	19.06	19.10	19.01			
5	QPSK	1	24	19.51	19.53	19.47			
5	QPSK	12	0	18.64	18.74	18.60			
5	QPSK	12	7	18.33	18.51	18.29	19.6	0	
5	QPSK	12	13	18.46	18.59	18.48			
5	QPSK	25	0	18.70	18.73	18.70			
5	16QAM	1	0	18.49	18.70	18.38			
5	16QAM	1	12	18.38	18.44	18.50	19.6	0	
5	16QAM	1	24	18.65	18.60	18.53			
5	16QAM	12	0	18.64	18.67	18.68			
5	16QAM	12	7	18.44	18.56	18.39			
5	16QAM	12	13	18.39	18.46	18.47	19.6	0	
5	16QAM	25	0	18.37	18.59	18.31			
5	64QAM	1	0	18.62	18.57	18.52			
5	64QAM	1	12	18.49	18.68	18.45			
5	64QAM	1	24	18.39	18.55	18.41	19.6	0	
5	64QAM	12	0	18.55	18.62	18.41			
5	64QAM	12	7	18.44	18.56	18.36			
5	64QAM	12	13	18.38	18.59	18.41			
5	64QAM	25	0	18.60	18.58	18.44	19.6	0	
Channel				37750	38000	38250			
Frequency (MHz)				25700	25950	26200			
5	QPSK	1	0	18.56	18.55	18.61	19.6	0	
5	QPSK	1	12	19.06	19.10	19.01			
5	QPSK	1	24	19.51	19.53	19.47			
5	QPSK	12	0	18.64	18.74	18.60			
5	QPSK	12	7	18.33	18.51	18.29	19.6	0	
5	QPSK	12	13	18.46	18.59	18.48			
5	QPSK	25	0	18.70	18.73	18.70			
5	16QAM	1	0	18.49	18.70	18.38			
5	16QAM	1	12	18.38	18.44	18.50	19.6	0	
5	16QAM	1	24	18.65	18.60	18.53			
5	16QAM	12	0	18.64	18.67	18.68			
5	16QAM	12	7	18.44	18.56	18.39			
5	16QAM	12	13	18.39	18.46	18.47	19.6	0	
5	16QAM	25	0	18.37	18.59	18.31			
5	64QAM	1	0	18.62	18.57	18.52			
5	64QAM	1	12	18.49	18.68	18.45			
5	64QAM	1	24	18.39	18.55	18.41	19.6	0	
5	64QAM	12	0	18.55	18.62	18.41			
5	64QAM	12	7	18.44	18.56	18.36			
5	64QAM	12	13	18.38	18.59	18.41			
5	64QAM	25	0	18.60	18.58	18.44	19.6	0	
Channel				37725	38000	38275			
Frequency (MHz)				25675	25950	26225			
5	QPSK	1	0	18.56	18.55	18.61	19.6	0	
5	QPSK	1	12	19.06	19.10	19.01			
5	QPSK	1	24	19.51	19.53	19.47			
5	QPSK	12	0	18.64	18.74	18.60			
5	QPSK	12	7	18.33	18.51	18.29	19.6	0	
5	QPSK	12	13	18.46	18.59	18.48			
5	QPSK	25	0	18.70	18.73	18.70			
5	16QAM	1	0	18.49	18.70	18.38			
5	16QAM	1	12	18.38	18.44	18.50	19.6	0	
5	16QAM	1	24	18.65	18.60	18.53			
5	16QAM	12	0	18.64	18.67	18.68			
5	16QAM	12	7	18.44	18.56	18.39			
5	16QAM	12	13	18.39	18.46	18.47	19.6	0	
5	16QAM	25	0	18.37	18.59	18.31			
5	64QAM	1	0	18.62	18.57	18.52			
5	64QAM	1	12	18.49	18.68	18.45			
5	64QAM	1	24	18.39	18.55	18.41	19.6	0	
5	64QAM	12	0	18.55	18.62	18.41			
5	64QAM	12	7	18.44	18.56	18.36			
5	64QAM	12	13	18.38	18.59	18.41			
5	64QAM	25	0	18.60	18.58	18.44	19.6	0	
Channel				37700	38000	38300			
Frequency (MHz)				25650	25950	26250			
5	QPSK	1	0	18.56	18.55	18.61	19.6	0	
5	QPSK	1	12	19.06	19.10	19.01			
5	QPSK	1	24	19.51	19.53	19.47			
5	QPSK	12	0	18.64	18.74	18.60			
5	QPSK	12	7	18.33	18.51	18.29	19.6	0	
5	QPSK	12	13	18.46	18.59	18.48			
5	QPSK	25	0	18.70	18.73	18.70			
5	16QAM	1	0	18.49	18.70	18.38			
5	16QAM	1	12	18.38	18.44	18.50	19.6	0	
5	16QAM	1	24	18.65	18.60	18.53			
5	16QAM	12	0	18.64	18.67	18.68			
5	16QAM	12	7	18.44	18.56	18.39			
5	16QAM	12	13	18.39	18.46	18.47	19.6	0	
5	16QAM	25	0	18.37	18.59	18.31			
5	64QAM	1	0	18.62	18.57	18.52			
5	64QAM	1	12	18.49	18.68	18.45			
5	64QAM	1	24	18.39	18.55	18.41	19.6	0	
5	64QAM	12	0	18.55	18.62	18.41			
5	64QAM	12	7	18.44	18.56	18.36			
5	64QAM	12	13	18.38	18.59	18.41			
5	64QAM	25	0	18.60	18.58	18.44	19.6	0	
Channel				37675	38000	38325			
Frequency (MHz)				25625	25950	26275			
5	QPSK	1	0	18.56	18.55	18.61	19.6	0	
5	QPSK	1	12	19.06	19.10	19.01			
5	QPSK	1	24	19.51	19.53	19.47			
5	QPSK	12	0	18.64	18.74	18.60			
5	QPSK	12	7	18.33	18.51	18.29	19.6	0	
5	QPSK	12	13	18.46	18.59	18.48			
5	QPSK	25	0	18.70	18.73	18.70			
5	16QAM	1	0	18.49	18.70	18.38			
5	16QAM	1	12	18.38	18.44	18.50	19.6	0	
5	16QAM	1	24	18.65	18.60	18.53			
5	16QAM	12	0	18.64	18.67	18.68			
5	16QAM	12	7	18.44	18.56	18.39			
5	16QAM	12	13	18.39	18.46	18.47	19.6	0	
5	16QAM	25	0	18.37	18.59	18.31			
5	64QAM	1	0	18.62	18.57	18.52			
5	64QAM	1	12	18.49	18.68	18.45			
5	64QAM	1	24	18.39	18.55	18.41	19.6	0	
5	64QAM	12	0	18					

Band 41_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Low Ch / Freq	Power Middle High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	23.8	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	22.29	22.46	22.23	22.23	23.3	0.5
20	QPSK	1	49	22.77	22.76	22.53	22.73		
20	QPSK	1	99	22.34	22.55	22.36	22.21	23.3	0.5
20	QPSK	50	0	22.22	22.33	21.92	22.26		
20	QPSK	50	24	22.30	22.21	21.91	22.12	23.3	0.5
20	QPSK	50	50	22.29	22.28	21.84	22.32		
20	QPSK	100	0	22.14	22.28	22.25	22.03	22.3	1.5
20	16QAM	1	0	21.39	21.38	21.49	21.43		
20	16QAM	1	49	21.96	21.97	21.78	21.85	22.3	0.5
20	16QAM	1	99	21.77	21.80	21.60	21.62		
20	16QAM	50	0	21.21	21.38	20.96	21.02	22.3	1.5
20	16QAM	50	24	21.22	21.50	21.05	21.15		
20	16QAM	50	50	21.24	21.29	20.87	21.05	22.3	1.5
20	16QAM	100	0	21.16	21.65	21.40	20.99		
20	64QAM	1	0	20.56	20.70	20.62	20.56	22.3	1.5
20	64QAM	1	49	20.85	21.03	21.05	21.05		
20	64QAM	1	99	20.54	20.69	20.55	20.69	21.3	2.5
20	64QAM	50	0	20.16	20.30	19.97	20.07		
20	64QAM	50	24	20.25	20.25	20.45	20.20	21.3	2.5
20	64QAM	50	50	20.27	20.62	20.17	20.14		
20	64QAM	100	0	20.38	20.49	20.13	20.13	21.3	2.5
Channel				40115	40395	40665	41165		
Frequency (MHz)				2542.5	2569.5	2596.5	2647.5	23.8	0
15	QPSK	1	0	22.25	22.46	22.16	22.15		
15	QPSK	1	37	22.78	22.77	22.52	22.70	23.3	0.5
15	QPSK	1	74	22.33	22.51	22.31	22.16		
15	QPSK	36	0	21.62	21.72	21.55	21.63	23.3	0.5
15	QPSK	36	20	21.75	21.62	21.30	21.47		
15	QPSK	36	39	21.63	21.58	21.49	21.68	23.3	0.5
15	QPSK	75	0	21.60	21.64	21.65	21.49		
15	16QAM	1	0	21.39	21.49	21.35	21.37	23.3	0.5
15	16QAM	1	37	21.46	21.40	21.44	21.46		
15	16QAM	1	74	21.31	21.36	21.39	21.37	22.3	1.5
15	16QAM	36	0	20.67	20.86	20.42	20.46		
15	16QAM	36	20	20.60	20.91	20.50	20.66	22.3	1.5
15	16QAM	36	39	20.65	20.84	20.38	20.62		
15	16QAM	75	0	20.70	21.13	20.84	20.44	22.3	1.5
15	64QAM	1	0	20.44	20.45	20.31	20.34		
15	64QAM	1	37	21.46	20.49	20.57	20.59	21.3	2.5
15	64QAM	1	74	20.51	20.35	20.39	20.40		
15	64QAM	36	0	19.63	19.69	19.45	19.53	21.3	2.5
15	64QAM	36	20	19.80	19.69	19.95	19.64		
15	64QAM	36	39	19.79	20.13	19.65	19.59	21.3	2.5
15	64QAM	75	0	19.86	19.91	19.61	19.61		
Channel				40050	40350	40650	41150	23.8	0
Frequency (MHz)				2540	2570	2590	2650		
10	QPSK	1	0	22.25	22.37	22.24	22.20	23.3	0.5
10	QPSK	1	25	22.68	22.71	22.47	22.69		
10	QPSK	1	49	22.35	22.56	22.34	22.13	23.3	0.5
10	QPSK	25	0	21.62	21.77	21.32	21.71		
10	QPSK	25	12	21.69	21.59	21.59	21.55	23.3	0.5
10	QPSK	25	25	21.61	21.59	21.54	21.67		
10	QPSK	50	0	21.52	21.74	21.64	21.39	23.3	0.5
10	16QAM	1	0	21.47	21.39	21.39	21.39		
10	16QAM	1	25	21.47	21.42	21.48	21.43	22.3	1.5
10	16QAM	1	49	21.39	21.36	21.42	21.36		
10	16QAM	25	0	20.63	20.92	20.47	20.56	22.3	1.5
10	16QAM	25	12	20.69	20.97	20.51	20.65		
10	16QAM	25	25	20.69	20.84	20.30	20.63	22.3	1.5
10	16QAM	50	0	20.69	21.10	20.78	20.52		
10	64QAM	1	0	20.35	20.42	20.30	20.39	21.3	2.5
10	64QAM	1	25	21.48	20.50	20.52	20.49		
10	64QAM	1	49	20.37	20.40	20.43	20.44	21.3	2.5
10	64QAM	25	0	19.70	19.72	19.50	19.54		
10	64QAM	25	12	19.74	19.71	19.91	19.65	21.3	2.5
10	64QAM	25	25	19.75	20.09	19.68	19.64		
10	64QAM	50	0	19.87	19.69	19.56	19.66	21.3	2.5
Channel				40065	40365	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	23.8	0
5	QPSK	1	0	22.26	22.46	22.22	22.14		
5	QPSK	1	12	22.68	22.74	22.53	22.66	23.3	0.5
5	QPSK	1	24	22.34	22.46	22.35	22.20		
5	QPSK	12	0	21.62	21.77	21.59	21.70	23.3	0.5
5	QPSK	12	7	21.71	21.56	21.31	21.49		
5	QPSK	12	13	21.66	21.67	21.55	21.72	23.3	0.5
5	QPSK	25	0	21.59	21.68	21.67	21.41		
5	16QAM	1	0	21.40	21.48	21.37	21.41	22.3	1.5
5	16QAM	1	12	21.39	21.43	21.48	21.48		
5	16QAM	1	24	21.38	21.32	21.38	21.42	22.3	1.5
5	16QAM	12	0	20.64	20.86	20.43	20.56		
5	16QAM	12	7	20.59	20.98	20.52	20.67	22.3	1.5
5	16QAM	12	13	20.73	20.81	20.32	20.58		
5	64QAM	1	0	20.60	21.11	20.87	20.46	22.3	1.5
5	64QAM	1	0	20.41	20.48	20.39	20.36		
5	64QAM	1	12	20.44	20.51	20.51	20.56	21.3	2.5
5	64QAM	1	24	20.39	20.36	20.37	20.44		
5	64QAM	12	0	19.62	19.68	19.40	19.52	21.3	2.5
5	64QAM	12	7	19.79	19.70	19.89	19.72		
5	64QAM	12	13	19.74	20.10	19.64	19.60	21.3	2.5
5	64QAM	25	0	19.88	19.95	19.57	19.63		

Band 41_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Low Ch / Freq	Power Middle High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	23.1	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	21.75	21.82	21.70	21.69	23.1	0
20	QPSK	1	49	21.90	22.09	21.83	21.86		
20	QPSK	1	99	21.53	21.67	21.62	21.51	23.1	0
20	QPSK	50	0	21.90	22.06	21.96	22.05		
20	QPSK	50	24	21.84	22.00	21.92	21.83	23.1	0
20	QPSK	50	50	21.71	21.75	21.59	21.57		
20	QPSK	100	0	21.66	21.83	21.70	21.65	23.1	0
20	16QAM	1	0	21.53	21.64	21.61	21.48		
20	16QAM	1	49	21.86	21.92	21.90	21.86	22.1	1
20	16QAM	1	99	21.45	21.49	21.30	21.43		
20	16QAM	50	0	21.30	21.42	21.26	21.39	22.1	1
20	16QAM	50	24	21.27	21.32	21.20	21.25		
20	16QAM	50	50	21.30	21.31	21.14	21.31	22.1	1
20	16QAM	100	0	21.21	21.38	21.26	21.37		
20	64QAM	1	0	20.74	20.88	20.72	20.81	22.1	1
20	64QAM	1	49	20.87	20.98	20.84	20.84		
20	64QAM	1	99	20.65	20.72	20.67	20.72	21.1	2
20	64QAM	50	0	20.30	20.42	20.35	20.27		
20	64QAM	50	24	20.31	20.32	20.27	20.32	21.1	2
20	64QAM	50	50	20.14	20.32	20.23	20.20		
20	64QAM	100	0	20.08	20.27	20.19	20.27	21.1	2
Channel				40115	40395	40665	41165		
Frequency (MHz)				2542.5	2569.5	2596.5	2647.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	21.66	21.78	21.61	21.58	23.1	0
15	QPSK	1	37	21.82	22.06	21.75	21.83		
15	QPSK	1	74	21.48	21.66	21.57	21.44	23.1	0
15	QPSK	36	0	21.75	22.05	21.83	22.04		
15	QPSK	36	20	21.70	21.94	21.78	21.77	23.1	0
15	QPSK	36	39	21.63	21.72	21.51	21.54		
15	QPSK	74	0	21.53	21.75	21.57	21.57	23.1	0
15	16QAM	1	0	21.38	21.64	21.44	21.48		
15	16QAM	1	37	21.83	21.76	21.87	21.70	23.1	0
15	16QAM	1	74	21.29	21.40	21.14	21.34		
15	16QAM	36	0	21.16	21.34	21.12	21.31	22.1	1
15	16QAM	36	20	21.19	21.25	21.12	21.18		
15	16QAM	36	39	21.24	21.13	21.08	21.13	22.1	1
15	16QAM	75	0	21.05	21.36	21.10	21.35		
15	64QAM	1	0	20.59	20.76	20.57	20.69	22.1	1
15	64QAM	1	37	20.77	20.89	20.74	20.75		
15	64QAM	1	74	20.57	20.58	20.53	20.58	21.1	2
15	64QAM	36	0	20.21	20.38	20.26	20.23		
15	64QAM	36	20	20.26	20.25	20.22	20.25	21.1	2
15	64QAM	36	39	20.02	20.29	20.11	20.17		
15	64QAM	75	0	19.95	20.16	20.06	20.16	21.1	2
Channel				40090	40390	40660	41190		
Frequency (MHz)				2537.5	25670	25970	26525	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	21.59	21.66	21.54	21.66	23.1	0
10	QPSK	1	25	21.72	21.90	21.65	21.67		
10	QPSK	1	49	21.35	21.55	21.44	21.39	23.1	0
10	QPSK	25	0	21.78	22.04	21.86	22.03		
10	QPSK	25	12	21.84	21.90	21.82	21.73	23.1	0
10	QPSK	25	25	21.83	21.69	21.51	21.51		
10	QPSK	50	0	21.64	21.66	21.68	21.48	23.1	0
10	16QAM	1	0	21.36	21.59	21.44	21.43		
10	16QAM	1	25	21.81	21.75	21.85	21.69	23.1	0
10	16QAM	1	49	21.25	21.49	21.14	21.43		
10	16QAM	25	0	21.16	21.40	21.12	21.37	22.1	1
10	16QAM	25	12	21.19	21.31	21.12	21.24		
10	16QAM	25	25	21.27	21.21	21.11	21.21	22.1	1
10	16QAM	50	0	21.17	21.23	21.11	21.22		
10	64QAM	1	0	20.56	20.79	20.60	20.72	22.1	1
10	64QAM	1	25	20.80	20.91	20.77	20.77		
10	64QAM	1	49	20.58	20.72	20.64	20.72	21.1	2
10	64QAM	25	0	20.20	20.32	20.25	20.17		
10	64QAM	25	12	20.28	20.18	20.24	20.28	21.1	2
10	64QAM	25	25	19.98	20.32	20.27	20.17		
10	64QAM	50	0	20.06	20.08	20.17	20.08	21.1	2
Channel				40065	40385	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	21.60	21.65	21.55	21.52	23.1	0
5	QPSK	1	12	21.79	21.94	21.72	21.71		
5	QPSK	1	25	21.35	21.63	21.44	21.67	23.1	0
5	QPSK	12	0	21.83	21.93	21.91	21.92		
5	QPSK	12	7	21.76	21.85	21.84	21.68	23.1	0
5	QPSK	12	13	21.60	21.69	21.48	21.51		
5	QPSK	25	0	21.61	21.73	21.65	21.55	23.1	0
5	16QAM	1	0	21.41	21.48	21.49	21.32		
5	16QAM	1	12	21.76	21.77	21.80	21.71	23.1	0
5	16QAM	1	24	21.27	21.48	21.12	21.42		
5	16QAM	12	0	21.17	21.34	21.13	21.31	22.1	1
5	16QAM	12	7	21.23	21.25	21.16	21.18		
5	16QAM	12	13	21.28	21.21	21.10	21.21	21.1	2
5	16QAM	25	0	21.10	21.27	21.15	21.28		
5	64QAM	1	0	20.64	20.74	20.62	20.67	22.1	1
5	64QAM	1	12	20.71	20.80	20.68	20.66		
5	64QAM	1	24	20.54	20.61	20.56	20.61	21.1	2
5	64QAM	12	0	20.12	20.27	20.17	20.12		
5	64QAM	12	7	20.20	20.14	20.16	20.16	21.1	2
5	64QAM	12	13	19.98	20.23	20.07	20.11		
5	64QAM	25	0	19.93	20.23	20.04	20.23	21.1	2
5	64QAM	25	0	19.93	20.23	20.04	20.23		

Conducted Power for WLAN/Bluetooth

2.4GHz WLAN				Default Power		Head(Receiver on) Standalone&Simultaneous		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous&Hotspot		Duty Cycle %
	Mode	Channel	Frequency (Mhz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.65	20.00	15.04	16.50	18.65	20.00	18.65	20.00	98.54
		6	2437	18.85	20.00	15.22	16.50	18.85	20.00	18.85	20.00	
		11	2462	18.58	20.00	15.23	16.50	18.58	20.00	18.58	20.00	
	802.11g 6Mbps	1	2412	17.46	19.00	Not Required	16.50	17.46	19.00	17.46	19.00	98.06
		6	2437	17.78	19.00		16.50	17.78	19.00	17.78	19.00	
		11	2462	15.31	17.00		16.50	15.31	17.00	15.31	17.00	
	802.11n-HT20 MCS0	1	2412	15.79	17.00	Not Required	16.50	15.79	17.00	15.79	17.00	97.92
		6	2437	16.57	18.00		16.50	16.57	18.00	16.57	18.00	
		11	2462	14.04	16.00		16.00	14.04	16.00	14.04	16.00	

5.2GHz WLAN				Default Power		Head(Receiver on) Standalone&Simultaneous		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous&Hotspot		Duty Cycle	
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
	802.11a 6Mbps	36	5180	17.77	19.50	Not Required	15.5	17.22	19.00	Not Required	15.5	98.07	
		40	5200	18.25	20.00		15.5	17.17	19.00		15.5		
		44	5220	18.27	20.00		15.5	17.22	19.00		15.5		
		48	5240	18.33	20.00		15.5	17.27	19.00		15.5		
	802.11n-HT20 MCS0	36	5180	17.21	19.00		15.5	17.21	19.00		15.5	97.92	
		40	5200	17.22	19.00		15.5	17.22	19.00		15.5		
		44	5220	17.27	19.00		15.5	17.27	19.00		15.5		
		48	5240	17.30	19.00		15.5	17.30	19.00		15.5		
	802.11n-HT40 MCS0	38	5190	13.29	15.00	13.29	15	13.29	15.00	13.29	15	95.88	
		46	5230	16.77	18.00	13.66	15.5	16.77	18.00	13.66	15.5		
	802.11ac-VHT20 MCS0	36	5180	16.22	18.00	Not Required	15.5	16.22	18.00	Not Required	15.5	97.94	
		40	5200	16.30	18.00		15.5	16.30	18.00		15.5		
		44	5220	16.38	18.00		15.5	16.38	18.00		15.5		
		48	5240	16.47	18.00		15.5	16.47	18.00		15.5		
	802.11ac-VHT40 MCS0	38	5190	12.99	14.50		15.5	12.99	14.50		15.5	96.91	
		46	5230	16.53	18.00		15.5	16.53	18.00		15.5		
802.11ac-VHT80 MCS0	42	5210	12.73	14.00			14.0	12.73	14.00			14.0	91.84

5.3GHz WLAN				Default Power		Head(Receiver on) Standalone&Simultaneous		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous		Duty Cycle
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11a 6Mbps	52	5260	18.44	20.00	Not Required	15.5	17.38	19.00	Not Required	15.5	98.07
		56	5280	18.42	20.00		15.5	17.39	19.00		15.5	
		60	5300	18.52	20.00		15.5	17.40	19.00		15.5	
		64	5320	16.85	18.00		15.5	16.85	18.00		15.5	
	802.11n-HT20 MCS0	52	5260	17.44	19.00	Not Required	15.5	17.44	19.00	Not Required	15.5	97.92
		56	5280	17.47	19.00		15.5	17.47	19.00		15.5	
		60	5300	17.50	19.00		15.5	17.50	19.00		15.5	
		64	5320	16.73	18.00		15.5	16.73	18.00		15.5	
	802.11n-HT40 MCS0	54	5270	16.86	18.00	14.15	15.5	16.86	18.00	14.15	15.5	95.88
		62	5310	13.69	15.00	14.09	15	13.69	15.00	14.09	15	
	802.11ac-VHT20 MCS0	52	5260	16.44	18.00	Not Required	15.5	16.44	18.00	Not Required	15.5	97.94
		56	5280	16.45	18.00		15.5	16.45	18.00		15.5	
		60	5300	16.51	18.00		15.5	16.51	18.00		15.5	
		64	5320	16.60	18.00		15.5	16.60	18.00		15.5	
	802.11ac-VHT40 MCS0	54	5270	16.55	18.00	Not Required	15.5	16.55	18.00	Not Required	15.5	96.91
		62	5310	13.48	15.00		15	13.48	15.00		15	
802.11ac-VHT80 MCS0	58	5290	11.67	13.00		13	11.67	13.00		13	91.84	

5.5GHz WLAN				Default Power		Head(Receiver on) Standalone&Simultaneous		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous		Duty Cycle %
				Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.39	20.00	Not Required	15.50	17.34	19.00	Not Required	15.50	98.07
		116	5580	18.33	20.00		15.50	17.27	19.00		15.50	
		124	5620	18.31	20.00		15.50	17.23	19.00		15.50	
		132	5660	18.26	20.00		15.50	17.22	19.00		15.50	
		140	5700	18.01	20.00		15.50	17.07	19.00		15.50	
	802.11n-HT20 MCS0	144	5720	18.02	20.00		15.50	17.05	19.00		15.50	97.92
		100	5500	17.40	19.00		15.50	17.40	19.00		15.50	
		116	5580	17.35	19.00		15.50	17.35	19.00		15.50	
		124	5620	17.42	19.00		15.50	17.42	19.00		15.50	
		132	5660	17.17	19.00		15.50	17.17	19.00		15.50	
	802.11n-HT40 MCS0	140	5700	17.21	19.00		15.50	17.21	19.00		15.50	95.88
		144	5720	17.10	19.00		15.50	17.10	19.00		15.50	
		102	5510	15.26	17.00		15.50	15.26	17.00		15.50	
		110	5550	16.91	18.00		15.50	16.91	18.00		15.50	
		126	5630	16.69	18.00		15.50	16.69	18.00		15.50	
	802.11ac-VHT20 MCS0	134	5670	16.71	18.00		15.50	16.71	18.00		15.50	97.94
		142	5710	16.57	18.00		15.50	16.57	18.00		15.50	
		100	5500	16.49	18.00		15.50	16.49	18.00		15.50	
		116	5580	16.40	18.00		15.50	16.40	18.00		15.50	
		124	5620	16.39	18.00		15.50	16.39	18.00		15.50	
	802.11ac-VHT40 MCS0	132	5660	16.38	18.00		15.50	16.38	18.00		15.50	96.91
		140	5700	16.18	18.00		15.50	16.18	18.00		15.50	
		144	5720	16.18	18.00		15.50	16.18	18.00		15.50	
		102	5510	14.99	16.00		15.50	14.99	16.00		15.50	
		110	5550	16.58	18.00		15.50	16.58	18.00		15.50	
	802.11ac-VHT80 MCS0	126	5630	16.42	18.00		15.50	16.42	18.00		15.50	91.84
		134	5670	16.26	18.00		15.50	16.26	18.00		15.50	
		142	5710	16.12	18.00		15.50	16.12	18.00		15.50	
		106	5530	12.49	14.00	12.49	14.00	12.49	14.00	12.49	14.00	
		122	5610	15.58	17.00	14.08	15.50	15.58	17.00	14.08	15.50	
	802.11ac-VHT80 MCS0	138	5690	15.17	17.00	14.12	15.50	15.17	17.00	14.12	15.50	

5.8GHz WLAN				Default Power		Head(Receiver on) Standalone&Simultaneous		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous&Hotspot		Duty Cycle %
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11a 6Mbps	149	5745	18.12	20.00	Not Required	12.50	Not Required	17.00	Not Required	12.50	98.07
		157	5785	18.18	20.00		12.50		17.00		12.50	
		165	5825	18.09	20.00		12.50		17.00		12.50	
	802.11n-HT20 MCS0	149	5745	17.12	19.00		12.50		17.00		12.50	97.92
		157	5785	17.21	19.00		12.50		17.00		12.50	
		165	5825	17.13	19.00		12.50		17.00		12.50	
	802.11n-HT40 MCS0	151	5755	16.46	18.00		12.50		17.00		12.50	95.88
		159	5795	16.50	18.00		12.50		17.00		12.50	
	802.11ac-VHT20 MCS0	149	5745	16.13	18.00		12.50		17.00		12.50	97.94
		157	5785	16.25	18.00		12.50		17.00		12.50	
		165	5825	16.09	18.00		12.50		17.00		12.50	
	802.11ac-VHT40 MCS0	151	5755	16.06	18.00		12.50		17.00		12.50	96.91
		159	5795	16.07	18.00		12.50		17.00		12.50	
	802.11ac-VHT80 MCS0	155	5775	15.12	17.00	10.72	12.50	15.12	17.00	10.72	12.50	91.84

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	10.35	10.42	10.50	7.90	7.98	8.05	7.72	7.79	7.87	12.00
	CH 39	2441	11.06	11.15	11.23	8.44	8.52	8.61	8.44	8.50	8.58	12.00
	CH 78	2480	10.46	10.53	10.62	8.05	8.11	8.18	8.01	8.09	8.15	12.00

BLE 1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	7.17
	CH 19	2440	6.60
	CH 39	2480	6.66
Tune-up Limit			8.5