

Full & Default Power Mode

GSM850_Ant 13				Burst Average Power (dBm)				Tune-up				Frame Average Power (dBm)				Tune-up			
TX Channel				156				Limit				156				Limit			
Frequency (MHz)				824.2				836.4				824.2				836.4			
GSM 1 Tx slot				32.50	32.53	32.54	33.50	23.50	23.53	23.54	24.50	23.50	23.53	23.54	24.50	23.50	23.53	23.54	24.50
GPRS 1 Tx slot				32.37	32.45	32.53	33.50	23.37	23.45	23.53	24.50	23.37	23.45	23.53	24.50	23.37	23.45	23.53	24.50
GPRS 2 Tx slots				30.33	30.56	30.47	31.50	24.33	24.56	24.47	25.50	24.33	24.56	24.47	25.50	24.33	24.56	24.47	25.50
GPRS 3 Tx slots				28.75	28.89	29.02	29.50	24.49	24.63	24.76	25.24	24.49	24.63	24.76	25.24	24.49	24.63	24.76	25.24
GPRS 4 Tx slots				28.70	28.92	27.01	28.50	23.70	23.92	24.01	25.00	23.70	23.92	24.01	25.00	23.70	23.92	24.01	25.00
EDGE(GMSK 1 Tx slot)				32.24	32.37	32.30	33.50	23.24	23.37	23.30	24.50	23.24	23.37	23.30	24.50	23.24	23.37	23.30	24.50
EDGE(GMSK 2 Tx slot)				30.28	30.39	30.32	31.50	24.28	24.39	24.32	25.50	24.28	24.39	24.32	25.50	24.28	24.39	24.32	25.50
EDGE(GMSK 3 Tx slot)				28.75	28.80	28.66	29.50	24.49	24.54	24.40	25.24	24.49	24.54	24.40	25.24	24.49	24.54	24.40	25.24
EDGE(GMSK 4 Tx slot)				28.68	28.73	28.62	29.50	23.58	23.73	23.62	25.00	23.58	23.73	23.62	25.00	23.58	23.73	23.62	25.00
EDGE 1 Tx slot				27.51	27.60	27.54	28.50	18.51	18.55	18.54	19.00	18.51	18.55	18.54	19.00	18.51	18.55	18.54	19.00
EDGE 2 Tx slots				26.20	26.24	26.10	26.50	20.20	20.24	20.10	20.24	20.20	20.24	20.10	20.24	20.20	20.24	20.10	20.24
EDGE 3 Tx slots				24.14	24.22	24.19	24.50	19.88	19.96	19.93	20.50	19.88	19.96	19.93	20.50	19.88	19.96	19.93	20.50
EDGE 4 Tx slots				22.00	22.15	22.02	22.50	19.00	19.15	19.02	19.50	19.00	19.15	19.02	19.50	19.00	19.15	19.02	19.50

GSM1900_Ant 13				Burst Average Power (dBm)				Tune-up				Frame Average Power (dBm)				Tune-up			
TX Channel				512				Limit				512				Limit			
Frequency (MHz)				1650.2				1650.2				1650.2				1650.2			
GSM 1 Tx slot				29.65	29.61	29.51	30.50	20.65	20.61	20.51	21.50	20.65	20.61	20.51	21.50	20.65	20.61	20.51	21.50
GPRS 1 Tx slot				29.60	29.55	29.43	30.50	20.60	20.55	20.43	21.50	20.60	20.55	20.43	21.50	20.60	20.55	20.43	21.50
GPRS 2 Tx slots				28.14	28.15	27.88	29.50	22.14	22.15	21.88	22.50	22.14	22.15	21.88	22.50	22.14	22.15	21.88	22.50
GPRS 3 Tx slots				26.05	26.03	25.86	26.50	21.79	21.77	21.60	22.24	21.79	21.77	21.60	22.24	21.79	21.77	21.60	22.24
GPRS 4 Tx slots				24.01	24.02	23.86	25.00	21.01	21.02	20.86	22.00	21.01	21.02	20.86	22.00	21.01	21.02	20.86	22.00
EDGE(GMSK 1 Tx slot)				29.55	29.42	29.31	30.50	20.55	20.42	20.31	21.50	20.55	20.42	20.31	21.50	20.55	20.42	20.31	21.50
EDGE(GMSK 2 Tx slot)				28.12	28.03	27.81	29.50	22.12	22.03	21.81	22.50	22.12	22.03	21.81	22.50	22.12	22.03	21.81	22.50
EDGE(GMSK 3 Tx slot)				28.02	25.98	25.82	26.50	21.76	21.72	21.56	22.24	21.76	21.72	21.56	22.24	21.76	21.72	21.56	22.24
EDGE(GMSK 4 Tx slot)				23.97	23.94	23.72	25.00	20.97	20.94	20.72	22.00	20.97	20.94	20.72	22.00	20.97	20.94	20.72	22.00
EDGE 1 Tx slot				26.38	26.53	26.51	27.00	17.38	17.53	17.51	18.00	17.38	17.53	17.51	18.00	17.38	17.53	17.51	18.00
EDGE 2 Tx slots				24.86	24.94	24.85	25.00	18.86	18.94	18.85	19.00	18.86	18.94	18.85	19.00	18.86	18.94	18.85	19.00
EDGE 3 Tx slots				23.13	23.27	23.28	23.50	18.87	18.91	19.02	19.24	18.87	18.91	19.02	19.24	18.87	18.91	19.02	19.24
EDGE 4 Tx slots				21.68	21.62	21.61	22.00	18.68	18.62	18.61	19.00	18.68	18.62	18.61	19.00	18.68	18.62	18.61	19.00

Band				WCDMA I_Ant 13				Tune-up				WCDMA I_Ant 31				Tune-up			
TX Channel				9262				Limit				9262				Limit			
Rx Channel				9662				Limit				9662				Limit			
Frequency (MHz)				1852.4				1852.4				1852.4				1852.4			
3GPP Rel 99				23.78	24.19	24.22	25.00	24.21	24.47	24.44	25.00	24.21	24.47	24.44	25.00	24.21	24.47	24.44	25.00
3GPP Rel 99				23.86	24.29	24.23	25.00	24.24	24.56	24.45	25.00	24.24	24.56	24.45	25.00	24.24	24.56	24.45	25.00
3GPP Rel 6				22.23	22.30	22.22	24.00	22.51	22.59	22.46	24.00	22.51	22.59	22.46	24.00	22.51	22.59	22.46	24.00
3GPP Rel 6				21.53	21.60	21.54	23.50	21.77	21.87	21.76	23.50	21.77	21.87	21.76	23.50	21.77	21.87	21.76	23.50
3GPP Rel 6				21.22	21.26	21.13	23.00	21.44	21.54	21.53	23.00	21.44	21.54	21.53	23.00	21.44	21.54	21.53	23.00
3GPP Rel 6				21.32	21.35	21.20	23.00	21.52	21.60	21.54	23.00	21.52	21.60	21.54	23.00	21.52	21.60	21.54	23.00
3GPP Rel 6				22.10	22.29	22.08	24.00	22.50	22.53	22.34	24.00	22.50	22.53	22.34	24.00	22.50	22.53	22.34	24.00
3GPP Rel 8				21.58	21.52	21.51	23.50	21.67	21.80	21.63	23.50	21.67	21.80	21.63	23.50	21.67	21.80	21.63	23.50
3GPP Rel 8				21.21	21.21	21.00	23.00	21.31	21.46	21.52	23.00	21.31	21.46	21.52	23.00	21.31	21.46	21.52	23.00
3GPP Rel 8				21.22	21.31	21.06	23.00	21.48	21.58	21.48	23.00	21.48	21.58	21.48	23.00	21.48	21.58	21.48	23.00
3GPP Rel 6				20.02	20.00	20.17	22.00	20.12	20.08	20.06	22.00	20.12	20.08	20.06	22.00	20.12	20.08	20.06	22.00
3GPP Rel 6				20.72	20.66	20.62	21.50	20.55	19.99	19.85	21.50	20.55	19.99	19.85	21.50	20.55	19.99	19.85	21.50
3GPP Rel 6				20.03	20.41	20.76	21.50	19.93	19.78	19.72	21.50	19.93	19.78	19.72	21.50	19.93	19.78	19.72	21.50
3GPP Rel 6				20.09	20.24	20.18	21.00	20.00	19.85	19.67	21.00	20.00	19.85	19.67	21.00	20.00	19.85	19.67	21.00
3GPP Rel 6				22.50	22.70	22.70	24.00	22.40	22.40	22.40	24.00	22.40	22.40	22.40	24.00	22.40	22.40	22.40	24.00
3GPP Rel 7				22.45	22.68	22.69	24.00	22.39	22.27	22.33	24.00	22.39	22.27	22.33	24.00	22.39	22.27	22.33	24.00

Band			WCDMA V_Ant 13				WCDMA V_Ant 31				
Tx Channel			4132	4182	4233	Time-up Limit (dBm)	4132	4182	4233	Time-up Limit (dBm)	
Rx Channel			4367	4407	4458	4367	4407	4458	4367	4407	4458
Frequency (MHz)			326.1	333.4	340.5	326.1	333.4	340.5	326.1	333.4	340.5
3GPP Rel 99	AMR 12.2Kbps		24.03	24.06	24.08	25.00	24.18	24.24	24.13	25.00	
3GPP Rel 99	RMDC 12.2Kbps		24.03	24.06	24.08	25.00	24.18	24.24	24.13	25.00	
3GPP Rel 99	HS-DSPA Subtest-1		22.51	22.59	22.52	24.00	22.63	22.67	22.66	24.00	
3GPP Rel 99	HS-DSPA Subtest-2		22.07	22.22	22.20	23.80	22.32	22.36	22.31	23.80	
3GPP Rel 9	HS-DSPA Subtest-1		21.70	21.74	21.71	23.50	21.88	21.96	21.87	23.50	
3GPP Rel 9	HS-DSPA Subtest-4		21.70	21.73	21.69	23.40	21.79	21.88	21.78	23.40	
3GPP Rel 8	DC-HSDPA Subtest-1		22.46	22.56	22.47	24.00	22.50	22.62	22.64	24.00	
3GPP Rel 8	DC-HSDPA Subtest-2		21.93	22.06	22.15	23.80	22.18	22.22	22.28	23.80	
3GPP Rel 8	DC-HSDPA Subtest-3		21.70	21.78	21.79	23.50	21.76	21.83	21.80	23.50	
3GPP Rel 8	DC-HSDPA Subtest-4		21.84	21.70	21.63	23.40	21.82	21.87	21.87	23.40	
3GPP Rel 8	HS-DSPA Subtest-1		20.56	20.57	20.59	22.20	20.42	20.43	20.56	22.20	
3GPP Rel 8	HS-DSPA Subtest-3		21.02	21.04	21.09	23.00	21.05	21.06	21.01	23.00	
3GPP Rel 8	HS-DSPA Subtest-5		21.00	21.02	21.08	22.80	21.04	21.07	20.93	22.80	
3GPP Rel 7	HS-DSPA Subtest-1		22.00	22.09	22.00	24.00	22.06	22.07	22.00	24.00	
3GPP Rel 7	HS-DSPA Subtest-2		22.92	22.99	22.90	24.00	22.96	23.00	22.85	24.00	
3GPP Rel 7	HS-PA+ (IGMM) Subtest-1		23.00	23.00	22.80	24.00	22.84	22.87	22.80	24.00	

Band 2_Ant 13												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [dBm]	Power High Ch. [dBm]	Power High [dBm]	Turn-up limit [dBm]	MPR [dB]				
Channel												
Frequency (MHz)												
20	QPSK	1	0	18700	18800	19100			25	0		
20	QPSK	1	48	23.63	24.26	24.13						
20	QPSK	1	96	23.65	24.16	23.57						
20	QPSK	50	0	23.14	23.67	23.15						
20	QPSK	50	24	23.13	23.66	23.12						
20	QPSK	100	0	23.10	23.72	23.21			24	1		
20	QPSK	100	0	23.04	23.62	23.02						
20	16QAM	1	0	23.28	23.93	23.38						
20	16QAM	1	48	23.44	24.03	23.45						
20	16QAM	1	96	23.73	24.79	23.08						
20	16QAM	50	0	22.48	23.01	22.37			24.5	0.5		
20	16QAM	50	24	22.58	23.09	22.51						
20	16QAM	100	0	22.59	23.18	22.58						
20	16QAM	100	0	22.55	23.06	22.48						
20	64QAM	1	0	22.36	22.90	22.37						
20	64QAM	1	48	22.30	22.86	22.36			23.5	1.5		
20	64QAM	1	96	22.49	23.08	22.47						
20	64QAM	50	0	21.34	21.87	21.32						
20	64QAM	50	24	21.39	22.03	21.41						
20	64QAM	50	50	21.49	22.14	21.60						
20	64QAM	100	0	21.48	22.04	21.40			22.5	2.5		
Channel												
Frequency (MHz)												
15	QPSK	1	0	1867.5	18800	19125					25	0
15	QPSK	1	48	23.76	24.10	24.03						
15	QPSK	1	96	23.77	24.10	23.51						
15	QPSK	1	74	23.54	24.13	23.40						
15	QPSK	36	0	23.03	23.63	23.09						
15	QPSK	36	24	23.05	23.67	23.07			24	1		
15	QPSK	36	39	23.01	23.61	23.00						
15	QPSK	75	0	22.84	23.50	22.80						
15	16QAM	1	0	22.82	23.38	22.80						
15	16QAM	1	37	23.43	23.92	23.42						
15	16QAM	1	74	23.67	24.13	23.67			24.5	0.5		
15	16QAM	36	0	22.38	22.97	22.34						
15	16QAM	36	24	22.38	23.05	22.38						
15	16QAM	36	39	22.52	23.03	22.57						
15	16QAM	75	0	22.41	22.91	22.41						
15	16QAM	75	24	22.23	22.89	22.23			23.5	1.5		
15	16QAM	75	39	22.29	22.91	22.29						
15	64QAM	1	37	22.46	22.90	22.27						
15	64QAM	1	74	22.34	23.07	22.36						
15	64QAM	36	0	21.28	21.75	21.17						
15	64QAM	36	24	21.20	21.69	21.18			22.5	2.5		
15	64QAM	36	39	21.34	22.11	21.39						
15	64QAM	75	0	21.39	21.96	21.33						
Channel												
Frequency (MHz)												
10	QPSK	1	0	18650	18800	19150			25	0		
10	QPSK	1	25	24.24	24.03	24.05						
10	QPSK	1	49	23.53	24.06	23.48						
10	QPSK	1	49	23.50	24.07	23.46						
10	QPSK	25	12	23.11	23.52	22.99						
10	QPSK	25	26	23.04	23.63	23.18			24	1		
10	QPSK	50	0	22.94	23.30	22.91						
10	QPSK	50	24	23.21	23.81	23.35						
10	16QAM	1	25	23.33	23.89	23.34						
10	16QAM	1	49	23.69	24.11	23.61						
10	16QAM	1	49	23.65	24.12	23.61			24.5	0.5		
10	16QAM	25	12	22.49	23.03	22.38						
10	16QAM	25	26	22.57	23.16	22.43						
10	16QAM	50	0	22.52	22.86	22.44						
10	16QAM	50	24	22.28	22.87	22.34						
10	16QAM	50	25	22.37	22.95	22.32			23.5	1.5		
10	16QAM	50	49	22.41	23.03	22.34						
10	64QAM	1	49	21.29	21.73	21.34						
10	64QAM	25	12	21.27	21.52	21.32						
10	64QAM	25	26	21.44	22.00	21.55						
10	64QAM	50	0	21.46	21.99	21.47			22.5	2.5		
Channel												
Frequency (MHz)												
5	QPSK	1	0	1862.5	18800	19175					25	0
5	QPSK	1	12	23.78	24.23	24.11						
5	QPSK	1	12	23.81	24.14	23.50						
5	QPSK	1	24	23.51	24.06	23.41						
5	QPSK	12	0	23.00	23.73	23.11						
5	QPSK	12	7	22.98	23.52	22.99			24	1		
5	QPSK	12	13	23.01	23.68	23.17						
5	QPSK	25	0	22.96	23.58	22.92						
5	16QAM	1	0	23.26	23.90	23.36						
5	16QAM	1	12	23.40	23.97	23.42						
5	16QAM	1	24	23.59	24.07	23.58			24.5	0.5		
5	16QAM	12	0	22.47	22.87	22.32						
5	16QAM	12	7	22.43	23.02	22.36						
5	16QAM	12	13	22.35	23.15	22.46						
5	16QAM	25	0	22.42	23.00	22.34						
5	16QAM	25	12	22.32	22.87	22.23			23.5	1.5		
5	16QAM	25	26	22.38	22.97	22.28						
5	16QAM	50	0	22.30	22.86	22.29						
5	16QAM	50	12	22.36	22.96	22.46						
5	16QAM	50	12	21.28	21.75	21.20						
5	16QAM	50	26	21.26	21.83	21.35			22.5	2.5		
5	16QAM	50	26	21.34	22.02	21.49						
5	64QAM	25	0	21.38	21.95	21.38						
Channel												
Frequency (MHz)												
3	QPSK	1	0	1861.5	18800	19185			25	0		
3	QPSK	1	8	23.85	24.11	23.99						
3	QPSK	1	8	23.85	24.11	23.99						
3	QPSK	1	14	23.59	24.07	23.41						
3	QPSK	8	0	23.03	23.70	23.14						
3	QPSK	8	4	23.04	23.60	23.09			24	1		
3	QPSK	8	4	23.01	23.72	23.05						
3	QPSK	15	0	23.00	23.48	22.89						
3	16QAM	1	0	23.27	23.81	23.37						
3	16QAM	1	8	23.34	23.99	23.34						
3	16QAM	1	14	23.60	24.12	23.50			24.5	0.5		
3	16QAM	8	0	22.33	22.86	22.23						
3	16QAM	8	4	22.44	22.95	22.38						
3	16QAM	8	4	22.52	23.14	22.54						
3	16QAM	15	0	22.49	22.93	22.35						
3	64QAM	1	0	22.32	22.80	22.24			23.5	1.5		
3	64QAM	1	8	22.32	22.86	22.29						
3	64QAM	1	14	22.38	23.00	22.42						
3	64QAM	8	0	21.20	21.81	21.25						
3	64QAM	8	4	21.33	21.92	21.28						
3	64QAM	15	0	21.44	21.94	21.33			22.5	2.5		
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	23.73	24.23	24.12			25	0		
1.4	QPSK	1	3	23.54	24.06	23.54						
1.4	QPSK	1	5	23.63	24.02	23.44						
1.4	QPSK	1	8	23.80	24.18	24.10						
1.4	QPSK	3	1	23.66	24.18	24.09						
1.4	QPSK	3	1	23.61	24.05	23.54			24	1		
1.4	QPSK	8	0	22.98	23.65	22.92						
1.4	16QAM	1	0	22.83	23.49	22.89						
1.4	16QAM	1	3	22.96	23.58	23.05						
1.4	16QAM	3	1	22.94	23.54	23.25						
1.4	16QAM	3	1	22.98	23.60	23.29			24.5	0.5		
1.4	16QAM	3	1	22.99	23.60	23.29						
1.4	16QAM	3	1	22.99	23.61	23.28						
1.4	16QAM	3	1	22.99	23.66	23.30						
1.4	16QAM	3	1	22.98	23.67	23.32						
1.4	16QAM	3	1	21.95	22.53	21.94			23.5	1.5		
1.4	64QAM	1	3	22.03	22.52	22.19						
1.4	64QAM	1	3	22.02	22.51	22.18						
1.4	64QAM	1	3	22.00	22.47	22.17						
1.4	64QAM	1	3	22.11	22.58	22.14						
1.4	64QAM	3	1	22.10	22.60	22.20			22.5	2.5		
Channel												
Frequency (MHz)												

Band 5_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. (dB)	Power Middle Ch./Freq. (dB)	Power High Ch./Freq. (dB)	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.35	24.37	24.27	25	0	
10	QPSK	1	25	24.29	24.32	24.17			
10	QPSK	1	49	24.20	24.23	24.22			
10	QPSK	25	0	23.57	23.58	23.43			
10	QPSK	25	12	23.61	23.63	23.51			
10	QPSK	25	25	23.54	23.63	23.62			
10	QPSK	50	0	23.53	23.63	23.65			
10	16QAM	1	0	24.25	24.26	24.15			
10	16QAM	1	25	23.57	24.10	23.96			
10	16QAM	1	49	23.50	24.03	24.01			
10	16QAM	25	0	23.17	23.23	23.16			
10	16QAM	25	12	23.17	23.21	23.17			
10	16QAM	25	25	23.16	23.24	23.11			
10	16QAM	50	0	23.22	23.26	23.21			
10	16QAM	1	0	23.21	23.24	23.21			
10	16QAM	1	25	23.07	23.21	23.19			
10	16QAM	1	49	23.17	23.22	23.08			
10	16QAM	25	0	22.18	22.26	22.22			
10	16QAM	25	12	22.26	22.27	22.17			
10	16QAM	25	25	22.04	22.16	22.01			
10	16QAM	50	0	22.21	22.23	22.19			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.35	24.35	24.55	25	0	
5	QPSK	1	12	24.18	24.30	24.09			
5	QPSK	1	24	24.17	24.19	24.09			
5	QPSK	12	0	23.48	23.57	23.50			
5	QPSK	12	25	23.52	23.62	23.49			
5	QPSK	12	13	23.40	23.62	23.55			
5	QPSK	25	0	23.45	23.57	23.42			
5	16QAM	1	0	24.12	24.14	24.06			
5	16QAM	1	12	23.88	24.09	23.89			
5	16QAM	1	24	23.89	23.92	23.97			
5	16QAM	12	0	23.07	23.18	23.12			
5	16QAM	12	7	23.07	23.09	23.09			
5	16QAM	12	13	23.06	23.15	23.06			
5	16QAM	25	0	23.13	23.21	23.09			
5	16QAM	1	0	23.22	23.22	23.15			
5	16QAM	1	12	22.95	23.15	23.05			
5	16QAM	1	24	23.16	23.18	22.94			
5	16QAM	12	0	22.12	22.15	22.15			
5	16QAM	12	7	22.17	22.21	22.08			
5	16QAM	12	13	21.91	22.06	21.95			
5	16QAM	25	0	22.12	22.09	22.11			
Channel									
Frequency (MHz)									
3	QPSK	1	0	24.34	24.32	24.20	25	0	
3	QPSK	1	8	24.26	24.19	24.05			
3	QPSK	1	14	24.15	24.19	24.14			
3	QPSK	8	0	23.57	23.67	23.54			
3	QPSK	8	4	23.59	23.55	23.42			
3	QPSK	8	7	23.42	23.62	23.36			
3	QPSK	15	0	23.57	23.67	23.54			
3	16QAM	1	0	24.15	24.24	24.13			
3	16QAM	1	8	23.94	24.09	23.90			
3	16QAM	1	14	23.84	23.88	23.99			
3	16QAM	8	0	23.09	23.20	23.06			
3	16QAM	8	4	23.09	23.07	23.06			
3	16QAM	8	7	23.12	23.13	22.87			
3	16QAM	15	0	23.06	23.11	23.10			
3	16QAM	1	0	23.18	23.11	23.08			
3	16QAM	1	8	22.92	23.19	23.05			
3	16QAM	1	14	23.15	23.16	22.95			
3	16QAM	8	0	22.09	22.12	22.09			
3	16QAM	8	4	22.13	22.24	22.09			
3	16QAM	8	7	21.99	22.13	21.90			
3	16QAM	15	0	22.13	22.16	22.12			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.25	24.26	24.18	25	0	
1.4	QPSK	1	3	24.17	24.20	24.04			
1.4	QPSK	1	5	24.13	24.13	24.14			
1.4	QPSK	3	0	24.36	24.28	24.12			
1.4	QPSK	3	1	24.21	24.24	24.09			
1.4	QPSK	3	3	24.16	24.14	24.15			
1.4	QPSK	6	0	23.47	23.50	23.53			
1.4	16QAM	1	0	23.85	23.86	23.74			
1.4	16QAM	1	3	23.55	23.67	23.53			
1.4	16QAM	1	5	23.96	23.86	23.76			
1.4	16QAM	3	0	23.90	23.93	23.82			
1.4	16QAM	3	1	23.54	23.56	23.44			
1.4	16QAM	3	3	23.45	23.52	23.55			
1.4	16QAM	6	0	22.75	22.87	22.75			
1.4	16QAM	1	0	22.79	22.85	22.78			
1.4	16QAM	1	3	22.65	22.87	22.74			
1.4	16QAM	1	5	22.74	22.81	22.75			
1.4	16QAM	1	5	22.76	22.83	22.73			
1.4	16QAM	3	1	22.75	22.79	22.72			
1.4	16QAM	3	3	22.79	22.87	22.79			
1.4	16QAM	6	0	21.86	21.81	21.82			

Band 5_Ant 31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.69	23.77	23.64	25	0	
10	QPSK	1	25	23.63	23.65	23.56			
10	QPSK	1	49	23.45	23.60	23.48			
10	QPSK	25	0	22.79	22.87	22.73			
10	QPSK	25	25	22.53	23.02	22.58			
10	QPSK	50	0	22.77	22.81	22.67	24.5	0.5	
10	16QAM	1	0	23.44	23.57	23.44			
10	16QAM	1	25	23.26	23.33	23.29			
10	16QAM	1	49	23.37	23.41	23.29			
10	16QAM	25	0	22.27	22.33	22.18			
10	16QAM	25	12	22.55	22.58	22.61	23.5	1.5	
10	16QAM	25	25	22.30	22.36	22.21			
10	16QAM	50	0	22.72	22.74	22.70			
10	16QAM	1	0	22.76	22.86	22.75	23.5	1.5	
10	16QAM	1	25	22.74	22.84	22.83			
10	16QAM	1	49	22.50	22.62	22.60			
10	16QAM	25	0	21.55	21.61	21.54			
10	16QAM	25	12	21.62	21.73	21.64			
10	16QAM	25	25	21.64	21.65	21.64	22.5	2.5	
10	16QAM	50	0	21.68	21.79	21.72			
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.61	23.73	23.59	25	0	
5	QPSK	1	12	23.50	23.59	23.44			
5	QPSK	1	24	23.43	23.56	23.37			
5	QPSK	12	0	22.87	23.01	22.80			
5	QPSK	12	25	22.87	22.92	22.82			
5	QPSK	12	13	22.88	22.90	22.83	24.5	0.5	
5	QPSK	25	0	22.66	22.74	22.62			
5	16QAM	1	0	23.41	23.41	23.33		24.5	0.5
5	16QAM	1	12	23.20	23.26	23.14			
5	16QAM	1	24	23.34	23.38	23.24			
5	16QAM	12	0	22.21	22.26	22.15			
5	16QAM	12	7	22.56	22.58	22.55			
5	16QAM	12	13	22.22	22.25	22.15	23.5	1.5	
5	16QAM	25	0	21.68	21.73	21.61			
5	16QAM	25	12	22.66	22.77	22.67			
5	16QAM	25	12	22.68	22.73	22.81			
5	16QAM	1	24	22.42	22.52	22.48			
5	16QAM	12	6	21.44	21.51	21.47	22.5	2.5	
5	16QAM	12	13	21.52	21.59	21.55			
5	16QAM	12	7	21.59	21.56	21.51			
5	16QAM	25	0	21.03	21.06	21.02			
Channel									
Frequency (MHz)									
3	QPSK	1	0	23.65	23.75	23.63	25	0	
3	QPSK	1	8	23.62	23.63	23.53			
3	QPSK	1	16	23.31	23.33	23.21			
3	QPSK	8	0	22.84	23.00	22.94			
3	QPSK	8	4	22.77	22.80	22.66			
3	QPSK	8	7	22.86	22.83	22.84	24.5	0.5	
3	QPSK	16	0	22.70	22.75	22.65			
3	16QAM	1	0	23.31	23.36	23.35		24.5	0.5
3	16QAM	1	8	23.13	23.30	23.18			
3	16QAM	1	16	23.28	23.31	23.18			
3	16QAM	8	0	22.18	22.29	22.13			
3	16QAM	8	4	22.59	22.64	22.57			
3	16QAM	8	7	22.17	22.21	22.08	23.5	1.5	
3	16QAM	16	0	21.68	21.72	21.67			
3	16QAM	1	0	22.65	22.71	22.61			
3	16QAM	1	8	22.73	22.76	22.71			
3	16QAM	16	8	22.29	22.32	22.25			
3	QPSK	8	0	21.51	21.59	21.49	22.5	2.5	
3	QPSK	8	4	21.53	21.58	21.56			
3	QPSK	8	7	21.61	21.57	21.50			
3	16QAM	16	0	21.74	21.73	21.73			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	23.66	23.75	23.62	25	0	
1.4	QPSK	1	5	23.58	23.58	23.41			
1.4	QPSK	1	10	23.38	23.12	23.02			
1.4	QPSK	3	0	23.64	23.68	23.64			
1.4	QPSK	3	1	23.55	23.59	23.47			
1.4	QPSK	3	13	23.42	23.43	23.46	24.5	0.5	
1.4	QPSK	6	0	22.62	22.79	22.59			
1.4	16QAM	1	0	23.32	23.30	23.33			
1.4	16QAM	1	3	23.14	23.20	23.19			
1.4	16QAM	3	0	22.37	23.40	23.40			
1.4	16QAM	3	0	23.34	23.51	23.43	24.5	0.5	
1.4	16QAM	3	1	23.15	23.25	23.22			
1.4	16QAM	3	5	23.31	23.33	23.23			
1.4	16QAM	3	10	22.29	22.29	22.22			
1.4	16QAM	1	0	23.33	23.33	23.11			
1.4	16QAM	1	3	22.27	22.39	22.39	23.5	1.5	
1.4	16QAM	1	10	21.98	22.16	22.08			
1.4	16QAM	3	0	22.25	22.37	22.31			
1.4	16QAM	3	1	22.24	22.41	22.28			
1.4	16QAM	3	1	22.02	22.10	22.14			
1.4	16QAM	3	10	22.27	23.25	23.25	22.5	2.5	

Band 13_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Freq	Power Middle Freq	Power High Freq	Turn-up time (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				752					
10	QPSK	1	0	24.37			25	0	
10	QPSK	1	25	24.26					
10	QPSK	1	49	24.38					
10	QPSK	25	0	23.58			24	1	
10	QPSK	25	12	23.52					
10	QPSK	25	25	23.49					
10	QPSK	50	0	23.00			24.5	0.5	
10	16QAM	1	0	24.29					
10	16QAM	1	25	24.24					
10	16QAM	1	49	24.21			23.5	1.5	
10	16QAM	25	0	23.22					
10	16QAM	25	12	23.28					
10	16QAM	25	25	23.18			23.5	1.5	
10	16QAM	50	0	23.04					
10	64QAM	1	0	23.21			22.5	2.5	
10	64QAM	1	25	23.21					
10	64QAM	1	49	23.19					
10	64QAM	25	0	22.28			22.5	2.5	
10	64QAM	25	12	22.29					
10	64QAM	25	25	22.28					
10	64QAM	50	0	22.30					
Channel									
Frequency (MHz)				23205	23236	23265	Turn-up time (dBm)	MPR (dB)	
5	QPSK	1	0	24.30	24.32	24.32	25	0	
5	QPSK	1	12	24.13	24.19	24.19			
5	QPSK	1	24	24.29	24.21	24.29			
5	QPSK	12	0	23.46	23.53	23.49	24	1	
5	QPSK	12	7	23.50	23.43	23.37			
5	QPSK	12	13	23.37	23.48	23.43			
5	QPSK	25	0	23.59	23.56	23.53	24.5	0.5	
5	16QAM	1	0	24.27	24.26	24.17			
5	16QAM	1	12	24.23	24.09	24.20			
5	16QAM	1	24	24.18	24.12	24.11	23.5	1.5	
5	16QAM	12	0	23.11	23.15	23.13			
5	16QAM	12	7	23.25	23.17	23.13			
5	16QAM	12	13	23.13	23.14	23.09	23.5	1.5	
5	16QAM	25	0	22.88	23.01	22.85			
5	16QAM	25	0	23.07	23.20	23.16			
5	64QAM	1	12	23.11	23.20	23.15	22.5	2.5	
5	64QAM	1	24	23.16	23.08	23.12			
5	64QAM	12	0	22.25	22.21	22.17			
5	64QAM	12	7	22.28	22.23	22.20	22.5	2.5	
5	64QAM	12	13	22.24	22.24	22.23			
5	64QAM	25	0	22.26	22.20	22.23			

Band 13_Ant 31												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power Middle Ch (dBm)	Power High Ch (dBm)	Turn-up time (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.66	23.66	23.67	25	0				
10	QPSK	1	25	23.61	23.61	23.62						
10	QPSK	1	49	23.44	23.44	23.45						
10	QPSK	25	0	22.85	22.85	22.86	24	1				
10	QPSK	25	12	22.84	22.84	22.85						
10	QPSK	25	25	22.82	22.82	22.83						
10	QPSK	50	0	22.74	22.74	22.75	24	1				
10	16QAM	1	0	23.35	23.35	23.36						
10	16QAM	1	25	23.44	23.44	23.45						
10	16QAM	1	49	23.35	23.35	23.36	23	2				
10	16QAM	25	0	22.11	22.11	22.12						
10	16QAM	25	12	22.14	22.14	22.15						
10	16QAM	25	25	22.09	22.09	22.10	23	2				
10	16QAM	50	0	22.10	22.10	22.11						
10	64QAM	1	0	22.23	22.23	22.24						
10	64QAM	1	25	22.30	22.30	22.31	22	3				
10	64QAM	1	49	22.20	22.20	22.21						
10	64QAM	25	0	20.96	20.96	20.97						
10	64QAM	25	12	21.10	21.10	21.11						
10	64QAM	25	25	21.00	21.00	21.01						
10	64QAM	50	0	21.22	21.22	21.23						
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.19	23.16	23.19	25	0				
5	QPSK	1	12	23.51	23.47	23.60						
5	QPSK	1	24	23.42	23.35	23.30						
5	QPSK	12	0	22.80	22.83	22.82	24	1				
5	QPSK	12	7	22.80	22.84	22.89						
5	QPSK	12	13	22.49	22.47	22.49						
5	QPSK	25	0	22.67	22.63	22.63	24	1				
5	16QAM	1	0	23.23	23.24	23.26						
5	16QAM	1	12	23.38	23.37	23.31						
5	16QAM	1	24	23.50	23.44	23.40	23	2				
5	16QAM	12	0	22.94	22.99	22.90						
5	16QAM	12	7	23.09	22.12	22.10						
5	16QAM	12	13	22.07	22.00	22.00	23	2				
5	16QAM	25	0	21.99	22.02	22.00						
5	16QAM	25	0	22.21	22.13	22.22						
5	64QAM	1	12	22.19	22.22	22.20	23	2				
5	64QAM	1	24	22.05	22.08	22.18						
5	64QAM	12	0	20.89	20.87	20.82						
5	64QAM	12	7	21.09	21.02	21.08	22	3				
5	64QAM	12	13	20.85	20.85	20.85						
5	64QAM	25	0	21.17	21.20	21.11						

Band 26_Ant 13												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
				26765	26865	26965						
				811.5	831.5	841.5						
15	QPSK	1	0	24.28	24.38	24.37	25	0				
15	QPSK	1	37	24.29	24.34	24.30						
15	QPSK	1	74	24.18	24.32	24.17						
15	QPSK	36	0	23.63	23.73	23.71	24.5	0.5				
15	QPSK	36	29	23.68	23.71	23.70						
15	QPSK	36	39	23.55	23.64	23.55						
15	QPSK	75	0	23.71	23.73	23.70	24.5	0.5				
15	16QAM	1	0	24.10	24.21	24.20						
15	16QAM	1	37	24.13	24.26	24.14						
15	16QAM	1	74	24.22	24.23	24.22	23.5	1.5				
15	16QAM	36	0	23.31	23.43	23.32						
15	16QAM	36	29	23.25	23.30	23.24						
15	16QAM	36	39	23.38	23.45	23.38	23.5	1.5				
15	16QAM	75	0	23.42	23.48	23.47						
15	64QAM	1	0	23.29	23.44	23.36						
15	64QAM	1	37	23.23	23.23	23.25	22.5	2.5				
15	64QAM	1	74	23.40	23.49	23.43						
15	64QAM	36	0	22.36	22.42	22.34						
15	64QAM	36	29	22.42	22.45	22.39	22.5	2.5				
15	64QAM	36	39	22.44	22.47	22.42						
15	64QAM	75	0	22.38	22.45	22.44						
Channel												
Frequency (MHz)												
				26740	26865	26990	Turn-up time (dBm)		MPR (dB)			
				819	831.5	844						
10	QPSK	1	0	24.22	24.23	24.23	25	0				
10	QPSK	1	37	24.18	24.31	24.17						
10	QPSK	1	49	24.12	24.30	24.16						
10	QPSK	25	0	23.63	23.66	23.68	24.5	0.5				
10	QPSK	25	12	23.57	23.67	23.59						
10	QPSK	25	25	23.56	23.51	23.67						
10	QPSK	50	0	23.63	23.61	23.61	24.5	0.5				
10	16QAM	1	0	23.87	24.09	24.02						
10	16QAM	1	37	24.23	24.23	24.26						
10	16QAM	1	49	24.14	24.18	24.18	23.5	1.5				
10	16QAM	25	0	23.19	23.28	23.17						
10	16QAM	25	12	23.12	23.30	23.11						
10	16QAM	25	25	23.27	23.30	23.27	23.5	1.5				
10	16QAM	50	0	23.38	23.46	23.34						
10	64QAM	1	0	23.26	23.38	23.25						
10	64QAM	1	37	23.24	23.21	23.21	22.5	2.5				
10	64QAM	1	49	23.37	23.47	23.38						
10	64QAM	25	0	22.33	22.35	22.34						
10	64QAM	25	12	22.38	22.43	22.37	22.5	2.5				
10	64QAM	25	25	22.37	22.39	22.37						
10	64QAM	50	0	22.30	22.31	22.32						
Channel												
Frequency (MHz)												
				26765	26865	27015	Turn-up time (dBm)		MPR (dB)			
				816.5	831.5	846.5						
5	QPSK	1	0	24.24	24.30	24.30	25	0				
5	QPSK	1	12	24.21	24.24	24.20						
5	QPSK	1	24	24.06	24.19	24.10						
5	QPSK	12	0	23.62	23.71	23.63	24.5	0.5				
5	QPSK	12	6	23.54	23.62	23.56						
5	QPSK	12	13	23.45	23.56	23.41						
5	QPSK	25	0	23.61	23.65	23.64	24.5	0.5				
5	16QAM	1	0	24.11	24.18	24.12						
5	16QAM	1	12	24.09	24.13	24.05						
5	16QAM	1	24	24.17	24.18	24.17	23.5	1.5				
5	16QAM	12	0	23.24	23.34	23.26						
5	16QAM	12	6	23.19	23.32	23.15						
5	16QAM	12	13	23.28	23.39	23.30	23.5	1.5				
5	64QAM	1	0	23.29	23.41	23.25						
5	64QAM	1	12	23.19	23.32	23.13						
5	64QAM	1	24	23.31	23.38	23.32	22.5	2.5				
5	64QAM	12	0	22.35	22.37	22.34						
5	64QAM	12	6	22.42	22.42	22.42						
5	64QAM	12	13	22.43	22.42	22.29	22.5	2.5				
5	64QAM	25	0	22.38	22.39	22.40						
Channel												
Frequency (MHz)												
				26765	26865	27045				Turn-up time (dBm)		MPR (dB)
				816.5	831.5	849.5						
3	QPSK	1	0	24.17	24.27	24.36	24.5	0				
3	QPSK	1	8	24.16	24.21	24.18						
3	QPSK	1	14	24.15	24.30	24.13						
3	QPSK	8	0	23.58	23.66	23.65	24.5	0.5				
3	QPSK	8	4	23.60	23.70	23.68						
3	QPSK	8	7	23.43	23.62	23.41						
3	QPSK	15	0	23.57	23.67	23.69	24.5	0.5				
3	16QAM	1	0	24.29	24.14	24.14						
3	16QAM	1	8	24.10	24.23	24.13						
3	16QAM	1	14	24.08	24.08	24.16	23.5	1.5				
3	16QAM	8	0	23.19	23.36	23.30						
3	16QAM	8	4	23.10	23.27	23.21						
3	16QAM	8	7	23.28	24.04	23.25	23.5	1.5				
3	64QAM	1	0	23.14	23.39	23.35						
3	64QAM	1	8	23.13	23.32	23.20						
3	64QAM	1	14	23.28	23.38	23.30	22.5	2.5				
3	64QAM	8	0	22.32	22.32	22.32						
3	64QAM	8	4	22.34	22.30	22.25						
3	64QAM	8	7	22.34	22.45	22.34	22.5	2.5				
3	64QAM	15	0	22.30	22.36	22.31						
Channel												
Frequency (MHz)												
				814.7	831.5	849.3				Turn-up time (dBm)		MPR (dB)
1.4	QPSK	1	0	24.23	24.28	24.26	25	0				
1.4	QPSK	1	3	24.20	24.22	24.28						
1.4	QPSK	1	24.07	24.31	24.11	24.24						
1.4	QPSK	3	0	24.20	24.25	24.27	24.5	0.5				
1.4	QPSK	3	1	24.20	24.27	24.24						
1.4	QPSK	3	3	24.14	24.20	24.14						
1.4	QPSK	3	23.98	24.39	24.19	24.21	24.5	0.5				
1.4	16QAM	1	0	23.52	23.66	23.61						
1.4	16QAM	1	3	23.50	23.61	23.55						
1.4	16QAM	1	24.07	24.34	24.14	24.24	23.5	1.5				
1.4	16QAM	3	0	23.68	23.68	23.67						
1.4	16QAM	3	1	23.57	23.69	23.69						
1.4	16QAM	3	3	23.57	23.64	23.62	22.5	1.5				
1.4	64QAM	1	0	22.74	22.86	22.81						
1.4	64QAM	1	3	22.71	22.82	22.87						
1.4	64QAM	1	24.07	22.90	22.82	22.87	23.5	1.5				
1.4	64QAM	3	0	22.77	22.84	22.70						
1.4	64QAM	3	1	22.76	22.80	22.78						
1.4	64QAM	3	3	22.75	22.87	22.83	22.5	2.5				
1.4	64QAM	15	0	22.78	22.81	22.81						
Channel												
Frequency (MHz)												
				26765	26865	27045				Turn-up time (dBm)		MPR (dB)
				816.5	831.5	849.5						

Band 66_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power Middle Ch (dBm)	Power High Ch (dBm)	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				13022	13032	13057			
20	QPSK	1	0	24.05	24.14	24.05			
20	QPSK	1	49	23.84	23.97	23.84	25	0	
20	QPSK	1	99	23.81	23.96	23.81			
20	QPSK	50	0	23.45	23.49	23.42			
20	QPSK	50	24	23.41	23.42	23.30	24	1	
20	QPSK	50	50	23.30	23.37	23.25			
20	QPSK	100	0	23.32	23.44	23.32			
20	16QAM	1	0	23.97	23.99	23.86			
20	16QAM	1	49	23.75	23.85	23.75	24	1	
20	16QAM	1	99	23.85	23.92	23.80			
20	16QAM	50	0	22.85	22.92	22.78			
20	16QAM	50	24	22.73	22.86	22.78	23	2	
20	16QAM	50	50	22.78	22.91	22.84			
20	16QAM	100	0	22.78	22.86	22.84			
20	16QAM	1	0	22.71	22.85	22.76			
20	16QAM	1	49	22.68	22.82	22.65	23	2	
20	16QAM	1	99	22.91	22.98	22.82			
20	16QAM	50	0	21.89	21.92	21.79			
20	16QAM	50	24	21.87	21.97	21.84	22	3	
20	16QAM	50	50	21.90	21.98	21.87			
20	16QAM	100	0	21.84	21.87	21.82			
Channel									
Frequency (MHz)				13024	13032	13057	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	24.03	24.05	24.03			
15	QPSK	1	37	23.86	23.83	23.89	25	0	
15	QPSK	1	74	23.77	23.94	23.66			
15	QPSK	36	0	23.38	23.38	23.29	24	1	
15	QPSK	36	20	23.36	23.37	23.27			
15	QPSK	36	39	23.23	23.30	23.19	24	1	
15	QPSK	75	0	23.17	23.41	23.22			
15	16QAM	1	0	23.86	23.90	23.81			
15	16QAM	1	37	23.69	23.72	23.64	24	1	
15	16QAM	1	74	23.73	23.80	23.78			
15	16QAM	36	0	22.75	22.83	22.70			
15	16QAM	36	20	22.68	22.72	22.62	23	2	
15	16QAM	36	39	22.72	22.84	22.78			
15	16QAM	75	0	22.63	22.71	22.70			
15	16QAM	1	0	22.59	22.84	22.69			
15	16QAM	1	37	22.77	22.76	22.69	23	2	
15	16QAM	1	74	22.76	22.87	22.78			
15	16QAM	36	0	21.87	21.78	21.70			
15	16QAM	36	20	21.80	21.91	21.86	22	3	
15	16QAM	36	39	21.82	21.83	21.87			
15	16QAM	75	0	21.79	21.76	21.75			
Channel									
Frequency (MHz)				13022	13032	13057	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.93	24.04	23.97			
10	QPSK	1	25	23.90	23.95	23.75	25	0	
10	QPSK	1	49	23.72	23.92	23.68			
10	QPSK	25	0	23.33	23.41	23.27			
10	QPSK	25	12	23.36	23.37	23.16	24	1	
10	QPSK	25	25	23.20	23.35	23.24			
10	QPSK	50	0	23.22	23.39	23.20			
10	16QAM	1	0	23.82	23.98	23.74			
10	16QAM	1	25	23.73	23.78	23.67	24	1	
10	16QAM	1	49	23.84	23.87	23.66			
10	16QAM	25	0	22.75	22.87	22.65	23	2	
10	16QAM	25	12	22.67	22.72	22.73			
10	16QAM	25	25	22.63	22.78	22.81	23	2	
10	16QAM	50	0	22.63	22.76	22.62			
10	16QAM	1	0	22.65	22.76	22.70			
10	16QAM	1	25	22.75	22.79	22.68	23	2	
10	16QAM	1	49	22.76	22.95	22.85			
10	16QAM	25	0	21.75	21.81	21.70			
10	16QAM	25	12	21.75	21.90	21.80	22	3	
10	16QAM	25	25	21.75	21.93	21.77			
10	16QAM	50	0	21.73	21.81	21.74			
Channel									
Frequency (MHz)				13025	13032	13057	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.91	24.00	23.96			
5	QPSK	1	12	23.86	23.93	23.84	25	0	
5	QPSK	1	24	23.71	23.89	23.64			
5	QPSK	12	0	23.30	23.45	23.38			
5	QPSK	12	7	23.36	23.28	23.15	24	1	
5	QPSK	12	13	23.20	23.33	23.11			
5	QPSK	25	0	23.23	23.36	23.24			
5	16QAM	1	0	23.93	23.86	23.86			
5	16QAM	1	12	23.66	23.82	23.70	24	1	
5	16QAM	1	24	23.81	23.91	23.80			
5	16QAM	12	0	22.81	22.90	22.73	23	2	
5	16QAM	12	7	22.60	22.79	22.68			
5	16QAM	12	13	22.64	22.88	22.75	23	2	
5	16QAM	25	0	22.65	22.71	22.75			
5	16QAM	1	0	22.68	22.77	22.69			
5	16QAM	1	12	22.81	22.85	22.65	23	2	
5	16QAM	1	24	22.89	22.91	22.75			
5	16QAM	12	0	21.75	21.78	21.64			
5	16QAM	12	7	21.77	21.93	21.83	22	3	
5	16QAM	12	13	21.81	21.88	21.82			
5	16QAM	25	0	21.75	21.81	21.69			
Channel									
Frequency (MHz)				13189	13022	13057	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.98	24.03	24.04			
3	QPSK	1	8	23.85	23.91	23.79	25	0	
3	QPSK	1	14	23.76	23.90	23.80			
3	QPSK	8	0	23.42	23.44	23.34			
3	QPSK	8	4	23.30	23.41	23.25	24	1	
3	QPSK	8	7	23.16	23.25	23.24			
3	QPSK	15	0	23.28	23.34	23.29			
3	16QAM	1	0	23.83	23.95	23.83			
3	16QAM	1	8	23.63	23.78	23.62	24	1	
3	16QAM	1	14	23.74	23.80	23.69			
3	16QAM	8	0	22.83	22.82	22.70			
3	16QAM	8	4	22.69	22.78	22.71	23	2	
3	16QAM	8	7	22.75	22.84	22.80			
3	16QAM	15	0	22.85	22.71	22.76			
3	16QAM	1	0	22.67	22.71	22.61			
3	16QAM	1	8	22.79	22.77	22.71	23	2	
3	16QAM	1	14	22.64	22.69	22.65			
3	16QAM	8	0	21.81	21.91	21.70			
3	16QAM	8	4	21.73	21.83	21.82	22	3	
3	16QAM	8	7	21.86	21.89	21.77			
3	16QAM	15	0	21.79	21.79	21.73			
Channel									
Frequency (MHz)				13022	13032	13057	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	24.02	24.10	23.93			
1.4	QPSK	1	3	23.91	23.85	23.79	25	0	
1.4	QPSK	1	5	23.71	23.93	23.80			
1.4	QPSK	3	0	23.95	24.08	23.94			
1.4	QPSK	3	1	23.82	23.90	23.84	24	1	
1.4	QPSK	3	3	23.78	23.95	23.79			
1.4	QPSK	6	0	23.20	23.40	23.21			
1.4	16QAM	1	0	23.87	23.90	23.85			
1.4	16QAM	1	3	23.70	23.81	23.65	24	1	
1.4	16QAM	1	5	23.74	23.87	23.69			
1.4	16QAM	3	0	23.89	23.96	23.80			
1.4	16QAM	3	1	23.87	23.97	23.84			
1.4	16QAM	3	3	23.78	23.91	23.70	23	2	
1.4	16QAM	6	0	22.67	22.72	22.61			
1.4	16QAM	1	0	22.69	22.72	22.70			
1.4	16QAM	1	3	22.75	22.77	22.75			
1.4	16QAM	1	5	22.77	22.99	22.82	23	2	
1.4	16QAM	3	0	22.87	22.79	22.73			
1.4	16QAM	3	1	22.72	22.73	22.76			
1.4	16QAM	3	3	22.61	22.62	22.55	22	3	
1.4	16QAM	6	0	22.76	22.76	22.65			

Band 38_Ant 13																			
BW (MHz)	Modulation	RB Bw	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up (mW)	MFR (dB)											
Channel																			
Frequency (MHz)																			
20	QPSK	1	0	24.48	24.47	24.50			25	0									
20	QPSK	1	80	24.22	24.26	24.24													
20	QPSK	1	80	24.08	24.10	24.09			24	1									
20	QPSK	50	0	24.07	24.08	23.81													
20	QPSK	50	80	24.08	24.07	24.09			24.5	0.5									
20	QPSK	100	0	23.99	23.81	23.81													
20	QPSK	100	80	24.01	24.31	24.21			23.5	1.5									
20	QPSK	50	0	24.07	24.08	24.09													
20	QPSK	50	80	24.08	24.07	24.09			22.5	2.5									
20	QPSK	100	0	23.99	24.31	24.21													
20	QPSK	100	80	24.01	24.33	24.23			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
15	QPSK	1	0	24.34	24.43	24.43			25	0									
15	QPSK	1	80	24.23	24.18	24.24													
15	QPSK	1	74	24.05	24.04	23.80			24	1									
15	QPSK	96	0	23.88	23.88	23.84													
15	QPSK	96	80	23.88	23.88	23.84			24.5	0.5									
15	QPSK	36	0	23.88	23.89	23.84													
15	QPSK	36	80	23.89	23.88	23.85			23.5	1.5									
15	QPSK	76	0	23.88	23.89	23.85													
15	QPSK	76	80	23.89	23.88	23.85			22.5	2.5									
15	QPSK	116	0	23.88	23.89	23.85													
15	QPSK	116	80	23.89	23.88	23.85			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
10	QPSK	1	0	24.38	24.34	24.37			25	0									
10	QPSK	1	80	24.10	24.02	24.04													
10	QPSK	1	80	24.00	24.02	24.01			24	1									
10	QPSK	25	0	24.00	24.02	24.01													
10	QPSK	25	80	24.01	24.00	24.02			24.5	0.5									
10	QPSK	55	0	24.00	24.02	24.01													
10	QPSK	55	80	24.01	24.00	24.02			23.5	1.5									
10	QPSK	95	0	24.00	24.02	24.01													
10	QPSK	95	80	24.01	24.00	24.02			22.5	2.5									
10	QPSK	135	0	24.00	24.02	24.01													
10	QPSK	135	80	24.01	24.00	24.02			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK	12	0	23.96	23.96	23.90													
5	QPSK	12	7	23.96	23.96	23.90			24.5	0.5									
5	QPSK	12	13	23.96	23.96	23.90													
5	QPSK	12	19	23.96	23.96	23.90			23.5	1.5									
5	QPSK	12	25	23.96	23.96	23.90													
5	QPSK	12	31	23.96	23.96	23.90			22.5	2.5									
5	QPSK	12	37	23.96	23.96	23.90													
5	QPSK	12	43	23.96	23.96	23.90			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK	12	0	23.96	23.96	23.90													
5	QPSK	12	7	23.96	23.96	23.90			24.5	0.5									
5	QPSK	12	13	23.96	23.96	23.90													
5	QPSK	12	19	23.96	23.96	23.90			23.5	1.5									
5	QPSK	12	25	23.96	23.96	23.90													
5	QPSK	12	31	23.96	23.96	23.90			22.5	2.5									
5	QPSK	12	37	23.96	23.96	23.90													
5	QPSK	12	43	23.96	23.96	23.90			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK	12	0	23.96	23.96	23.90													
5	QPSK	12	7	23.96	23.96	23.90			24.5	0.5									
5	QPSK	12	13	23.96	23.96	23.90													
5	QPSK	12	19	23.96	23.96	23.90			23.5	1.5									
5	QPSK	12	25	23.96	23.96	23.90													
5	QPSK	12	31	23.96	23.96	23.90			22.5	2.5									
5	QPSK	12	37	23.96	23.96	23.90													
5	QPSK	12	43	23.96	23.96	23.90			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK	12	0	23.96	23.96	23.90													
5	QPSK	12	7	23.96	23.96	23.90			24.5	0.5									
5	QPSK	12	13	23.96	23.96	23.90													
5	QPSK	12	19	23.96	23.96	23.90			23.5	1.5									
5	QPSK	12	25	23.96	23.96	23.90													
5	QPSK	12	31	23.96	23.96	23.90			22.5	2.5									
5	QPSK	12	37	23.96	23.96	23.90													
5	QPSK	12	43	23.96	23.96	23.90			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK	12	0	23.96	23.96	23.90													
5	QPSK	12	7	23.96	23.96	23.90			24.5	0.5									
5	QPSK	12	13	23.96	23.96	23.90													
5	QPSK	12	19	23.96	23.96	23.90			23.5	1.5									
5	QPSK	12	25	23.96	23.96	23.90													
5	QPSK	12	31	23.96	23.96	23.90			22.5	2.5									
5	QPSK	12	37	23.96	23.96	23.90													
5	QPSK	12	43	23.96	23.96	23.90			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK	12	0	23.96	23.96	23.90													
5	QPSK	12	7	23.96	23.96	23.90			24.5	0.5									
5	QPSK	12	13	23.96	23.96	23.90													
5	QPSK	12	19	23.96	23.96	23.90			23.5	1.5									
5	QPSK	12	25	23.96	23.96	23.90													
5	QPSK	12	31	23.96	23.96	23.90			22.5	2.5									
5	QPSK	12	37	23.96	23.96	23.90													
5	QPSK	12	43	23.96	23.96	23.90			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK	12	0	23.96	23.96	23.90													
5	QPSK	12	7	23.96	23.96	23.90			24.5	0.5									
5	QPSK	12	13	23.96	23.96	23.90													
5	QPSK	12	19	23.96	23.96	23.90			23.5	1.5									
5	QPSK	12	25	23.96	23.96	23.90													
5	QPSK	12	31	23.96	23.96	23.90			22.5	2.5									
5	QPSK	12	37	23.96	23.96	23.90													
5	QPSK	12	43	23.96	23.96	23.90			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK	12	0	23.96	23.96	23.90													
5	QPSK	12	7	23.96	23.96	23.90			24.5	0.5									
5	QPSK	12	13	23.96	23.96	23.90													
5	QPSK	12	19	23.96	23.96	23.90			23.5	1.5									
5	QPSK	12	25	23.96	23.96	23.90													
5	QPSK	12	31	23.96	23.96	23.90			22.5	2.5									
5	QPSK	12	37	23.96	23.96	23.90													
5	QPSK	12	43	23.96	23.96	23.90			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK	12	0	23.96	23.96	23.90													
5	QPSK	12	7	23.96	23.96	23.90			24.5	0.5									
5	QPSK	12	13	23.96	23.96	23.90													
5	QPSK	12	19	23.96	23.96	23.90			23.5	1.5									
5	QPSK	12	25	23.96	23.96	23.90													
5	QPSK	12	31	23.96	23.96	23.90			22.5	2.5									
5	QPSK	12	37	23.96	23.96	23.90													
5	QPSK	12	43	23.96	23.96	23.90			Turn-up (mW) MFR (dB)										
Channel																			
Frequency (MHz)																			
5	QPSK	1	0	24.44	24.44	24.43			25	0									
5	QPSK	1	12	24.14	24.22	24.14													
5	QPSK	1	24	24.05	24.13	23.90			24	1									
5	QPSK																		

Reduced Power Mode for DSI5

GSM850_Ant 13				GSM850_Ant 31			
TX Channel		Burst Average Power (dBm)	Tune-up Limit (dBm)	TX Channel		Burst Average Power (dBm)	Tune-up Limit (dBm)
Frequency (MHz)		824.2	836.4	Frequency (MHz)		824.2	836.4
GSM 1 Tx slot	29.54	29.53	29.48	30.50	20.54	20.53	20.48
GPRS 1 Tx slot	29.53	29.51	29.45	30.50	20.53	20.51	20.45
GPRS 2 Tx slots	27.77	27.78	27.74	28.50	21.77	21.78	21.74
GPRS 3 Tx slots	25.73	25.79	25.77	26.50	21.47	21.53	21.51
GPRS 4 Tx slots	23.63	23.72	23.74	25.00	20.63	20.72	20.74
EDGE(GMSK 1 Tx slot)	29.38	29.48	29.30	30.50	20.38	20.48	20.30
EDGE(GMSK 2 Tx slot)	27.66	27.71	27.73	28.50	21.66	21.71	21.73
EDGE(GMSK 3 Tx slot)	25.67	25.69	25.74	26.50	21.41	21.43	21.48
EDGE(GMSK 4 Tx slot)	23.61	23.59	23.72	25.00	20.61	20.58	20.72
EDGE 1 Tx slot	27.51	27.60	27.54	28.00	18.51	18.60	18.54
EDGE 2 Tx slots	26.20	26.24	26.10	26.50	20.20	20.24	20.10
EDGE 3 Tx slots	24.14	24.22	24.19	24.50	19.88	19.96	19.93
EDGE 4 Tx slots	22.00	22.15	22.02	22.50	19.00	19.15	19.02

GSM1800_Ant 13				GSM1800_Ant 31			
TX Channel		Burst Average Power (dBm)	Tune-up Limit (dBm)	TX Channel		Burst Average Power (dBm)	Tune-up Limit (dBm)
Frequency (MHz)		1850.2	1860	Frequency (MHz)		1850.2	1860
GSM 1 Tx slot	25.26	25.13	25.03	26.50	16.26	16.13	16.03
GPRS 1 Tx slot	25.24	25.11	25.01	26.50	16.24	16.11	16.01
GPRS 2 Tx slots	23.25	23.27	23.07	23.50	17.25	17.27	17.07
GPRS 3 Tx slots	21.27	21.25	21.13	21.50	17.01	16.99	16.87
GPRS 4 Tx slots	19.19	19.18	19.18	20.00	16.19	16.18	16.18
EDGE(GMSK 1 Tx slot)	25.22	25.09	24.99	26.50	16.22	16.09	15.99
EDGE(GMSK 2 Tx slot)	23.15	23.15	22.96	23.50	17.16	17.16	16.96
EDGE(GMSK 3 Tx slot)	21.13	21.11	21.04	21.50	16.87	16.85	16.78
EDGE(GMSK 4 Tx slot)	19.12	19.03	19.17	20.00	16.12	16.03	16.17
EDGE 1 Tx slot	24.76	24.98	24.81	25.00	15.76	15.98	15.81
EDGE 2 Tx slots	22.95	22.84	22.99	23.50	15.95	16.84	16.99
EDGE 3 Tx slots	20.99	21.46	21.03	21.50	16.73	17.20	16.77
EDGE 4 Tx slots	18.47	19.10	18.63	20.00	15.47	16.10	15.63

Band		WCDMA 8_Ant 13				WCDMA 8_Ant 31			
TX Channel		5982	5980	5938	Tune-up Limit (dBm)	5982	5980	5938	Tune-up Limit (dBm)
Rx Channel		5962	5960	5938		5962	5960	5938	
Frequency (MHz)		1852.4	1880	1852.4	1852.4	1852.4	1880	1852.4	
3GPP Rel 99	AMR 12.2Kbps	17.04	17.26	16.91	18.00	24.21	24.47	24.54	
3GPP Rel 99	RMC 12.2Kbps	17.08	17.30	16.93	18.00	24.24	24.56	24.45	
3GPP Rel 6	HS-PA Subtest 1	15.08	15.26	15.08	17.00	22.51	22.59	22.48	
3GPP Rel 6	HS-PA Subtest 2	14.51	14.56	14.50	16.50	21.77	21.87	21.76	
3GPP Rel 6	HS-PA Subtest 3	14.08	14.17	14.09	16.00	21.44	21.54	21.53	
3GPP Rel 6	HS-PA Subtest 4	14.27	14.24	14.08	16.00	21.52	21.60	21.54	
3GPP Rel 6	DC-HS-PA Subtest 1	15.02	15.21	15.05	17.00	22.50	22.53	22.34	
3GPP Rel 6	DC-HS-PA Subtest 2	14.56	14.52	14.51	16.50	21.87	21.80	21.83	
3GPP Rel 6	DC-HS-PA Subtest 3	14.12	14.17	14.03	16.00	21.31	21.40	21.52	
3GPP Rel 6	DC-HS-PA Subtest 4	14.15	14.26	14.03	16.00	21.48	21.58	21.48	
3GPP Rel 6	HS-PA Subtest 1	13.02	13.05	13.07	15.00	20.12	20.08	20.06	
3GPP Rel 6	HS-PA Subtest 2	13.70	13.56	13.54	14.80	20.55	19.99	19.85	
3GPP Rel 6	HS-PA Subtest 3	13.01	13.30	13.06	14.50	19.83	19.78	19.72	
3GPP Rel 6	HS-PA Subtest 4	13.05	13.09	13.09	14.00	20.00	19.85	19.67	
3GPP Rel 6	HS-PA Subtest 5	15.47	15.58	15.59	17.00	22.40	22.40	22.40	
3GPP Rel 7	HS-PA+ (16QAM) Subtest 1	15.36	15.53	15.63	17.00	22.39	22.27	22.33	

Band		WCDMA V_Ant 13				WCDMA V_Ant 31			
TX Channel		4132	4182	4233	Tune-up Limit (dBm)	4132	4182	4233	Tune-up Limit (dBm)
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.4		826.4	836.4	846.4	
3GPP Rel 99	AMR 12.2Kbps	21.55	21.55	21.66	22.50	24.12	24.21	24.11	25.00
3GPP Rel 99	RMC 12.2Kbps	21.66	21.69	21.67	22.50	24.18	24.24	24.13	25.00
3GPP Rel 6	HS-PA Subtest 1	20.07	20.26	20.21	21.50	22.63	22.67	22.66	24.00
3GPP Rel 6	HS-PA Subtest 2	19.68	19.83	19.87	21.30	22.32	22.36	22.31	23.80
3GPP Rel 6	HS-PA Subtest 3	19.33	19.47	19.34	21.00	21.88	21.95	21.87	23.40
3GPP Rel 6	HS-PA Subtest 4	19.35	19.29	19.30	20.90	21.79	21.88	21.78	23.40
3GPP Rel 6	DC-HS-PA Subtest 1	20.04	20.13	20.06	21.50	22.50	22.62	22.64	24.00
3GPP Rel 6	DC-HS-PA Subtest 2	19.52	19.78	19.85	21.30	22.18	22.22	22.28	23.80
3GPP Rel 6	DC-HS-PA Subtest 3	19.32	19.41	19.38	21.00	21.76	21.83	21.78	23.50
3GPP Rel 6	DC-HS-PA Subtest 4	19.29	19.33	19.25	20.90	21.67	21.87	21.87	23.40
3GPP Rel 6	HS-PA Subtest 1	18.18	18.12	18.15	19.70	20.42	20.43	20.56	22.20
3GPP Rel 6	HS-PA Subtest 2	18.63	18.66	18.77	20.50	21.05	21.05	21.01	22.00
3GPP Rel 6	HS-PA Subtest 3	18.65	18.61	18.56	20.00	20.94	20.97	20.83	22.50
3GPP Rel 6	HS-PA Subtest 4	18.46	18.21	18.42	19.30	20.68	20.47	20.74	21.80
3GPP Rel 6	HS-PA Subtest 5	20.68	20.77	20.45	22.00	22.96	23.00	22.85	24.50
3GPP Rel 7	HS-PA+ (16QAM) Subtest 1	20.55	20.62	20.33	21.50	22.84	22.87	22.80	24.00

GSM850_Ant 31		Burst Average Power (dBm)			Time-up Limit (dBm)		Frame-Average Power (dBm)			Time-up Limit (dBm)	
TX Channel		128	169	251	Limit (dBm)		128	169	251	Limit (dBm)	
Frequency (MHz)		624.2	636.4	648.8			624.2	636.4	648.8		
GSM 1 Tx slot		32.40	32.47	32.53	33.50		23.40	23.47	23.53	24.50	
GPRS 1 Tx slot		32.39	32.46	32.51	33.50		23.39	23.46	23.51	24.50	
GPRS 2 Tx slots		30.36	30.56	30.52	31.50		24.36	24.56	24.52	25.60	
GPRS 3 Tx slots		28.75	28.87	28.98	29.50		24.49	24.61	24.72	24.72	
GPRS 4 Tx slots		26.63	26.79	26.96	28.00		23.63	23.79	23.96	26.00	
EDGE(GMSK 1 Tx slot)		32.46	32.47	32.41	33.50		23.46	23.47	23.41	24.50	
EDGE(GMSK 2 Tx slot)		30.36	30.46	30.42	31.50		24.36	24.46	24.42	25.50	
EDGE(GMSK 3 Tx slot)		28.77	28.87	28.82	29.50		24.51	24.61	24.56	26.24	
EDGE(GMSK 4 Tx slot)		26.65	26.79	26.96	28.00		23.65	23.79	23.86	26.00	
EDGE 1 Tx slot		27.28	27.38	27.30	28.00		18.28	18.38	18.30	19.00	
EDGE 2 Tx slots		26.45	26.49	26.35	26.50		20.45	20.49	20.35	20.50	
EDGE 3 Tx slots		24.39	24.47	24.44	24.50		20.13	20.21	20.18	20.24	
EDGE 4 Tx slots		21.95	22.03	22.02	22.50		18.95	19.03	19.02	19.36	

GSM1800_Ant 31				GSM1800_Ant 31			
TX Channel		Burst Average Power (dBm)	Tune-up Limit (dBm)	TX Channel		Burst Average Power (dBm)	Tune-up Limit (dBm)
Frequency (MHz)		1650.2	1680	Frequency (MHz)		1650.2	1680
GSM 1 Tx slot	26.74	26.73	26.57	30.50	20.74	20.73	20.57
GPRS 1 Tx slot	26.73	26.71	26.55	30.50	20.73	20.71	20.55
GPRS 2 Tx slots	26.32	26.38	26.01	28.50	22.32	22.38	22.01
GPRS 3 Tx slots	26.22	26.22	26.02	26.50	21.96	21.96	21.76
GPRS 4 Tx slots	24.22	24.26	24.04	25.00	21.22	21.26	21.04
EDGE(GMSK 1 Tx slot)	26.60	26.61	26.52	30.50	20.60	20.61	20.52
EDGE(GMSK 2 Tx slot)	26.18	26.26	27.00	28.50	22.15	22.26	21.90
EDGE(GMSK 3 Tx slot)	26.10	26.17	26.01	26.50	21.84	21.91	21.75
EDGE(GMSK 4 Tx slot)	24.16	24.17	23.98	25.00	21.18	21.17	20.98
EDGE 1 Tx slot	26.79	26.87	26.73	27.00	17.79	17.87	17.73
EDGE 2 Tx slots	24.93	24.94	24.96	25.00	18.93	18.94	18.99
EDGE 3 Tx slots	23.46	23.45	23.48	23.50	19.20	19.23	19.22
EDGE 4 Tx slots	21.94	21.94	21.97	22.00	18.94	18.94	18.97

Band		WCDMA IV_Ant 13				WCDMA IV_Ant 31			
Tx Channel		1512	1413	1513	Tune-up Limit (dBm)	1512	1413	1513	Tune-up Limit (dBm)
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.8		1712.4	1732.6	1752.8	
3GPP Rel 99	AMR 12.2Kbps	16.33	16.57	16.47	19.50	24.31	24.27	24.33	25.00
3GPP Rel 99	RMC 12.2Kbps	16.48	16.59	16.57	19.50	24.32	24.36	24.27	25.00
3GPP Rel 6	HS-PA Subtest 1	16.03	16.08	17.82	16.36	23.29	23.35	23.20	24.00
3GPP Rel 6	HS-PA Subtest 2	16.70	16.86	16.81	16.00	22.13	22.25	22.15	23.00
3GPP Rel 6	HS-PA Subtest 3	16.61	16.73	16.61	17.00	21.07	21.05	21.01	23.00
3GPP Rel 6	HS-PA Subtest 4	16.39	16.59	16.47	17.50	21.02	21.02	21.05	23.00
3GPP Rel 6	DC-HS-PA Subtest 1	17.95	17.97	17.77	18.50	23.27	23.30	23.08	24.00
3GPP Rel 6	DC-HS-PA Subtest 2	16.70	16.86	16.89	16.00	22.02	22.12	22.08	23.00
3GPP Rel 6	DC-HS-PA Subtest 3	16.46	16.58	16.58	17.50	21.06	21.02	21.01	23.00
3GPP Rel 6	DC-HS-PA Subtest 4	16.16	16.33	16.36	17.50	20.02	21.04	21.00	22.00
3GPP Rel 6	HS-PA Subtest 1	14.50	14.57	14.52	16.00	20.02	20.10	20.01	22.00
3GPP Rel 6	HS-PA Subtest 2	14.86	15.10	14.96	16.30	20.53	20.72	20.63	21.80
3GPP Rel 6	HS-PA Subtest 3	14.27	14.50	14.71	16.00	19.92	20.90	20.53	21.60
3GPP Rel 6	HS-PA Subtest 4	13.98	14.26	14.33	16.50	19.73	20.70	20.37	21.50
3GPP Rel 6	HS-PA Subtest 5	16.88	16.88	16.91	16.50	22.65	22.70	22.65	24.00
3GPP Rel 6	HS-PA (16QAM) Subtest 1	16.86	16.84	16.86	16.50	22.50	22.57	22.52	24.00

Band 2_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch / Freq [Ch / Freq]	Power Max [dB]	Power High Ch / Freq [Ch / Freq]	Turn-up limit [dBm]	MPR [dB]	
Channel									
Frequency (MHz)									
20	QPSK	1	0	16.62	16.66	16.94			
20	QPSK	1	49	16.57	16.77	16.84	17.5	0	
20	QPSK	1	99	16.55	16.92	16.78			
20	QPSK	50	0	16.57	16.69	16.87			
20	QPSK	50	24	16.54	16.78	16.81	17.5	0	
20	QPSK	50	50	16.53	16.80	16.73			
20	QPSK	100	0	16.56	16.78	16.74			
20	16QAM	1	0	16.61	16.85	16.85			
20	16QAM	1	49	16.57	16.87	16.82	17.5	0	
20	16QAM	1	99	16.58	16.79	16.87			
20	16QAM	50	0	16.55	16.75	16.93			
20	16QAM	50	24	16.59	16.81	16.87	17.5	0	
20	16QAM	50	50	16.50	16.77	16.88			
20	16QAM	100	0	16.54	16.78	16.88			
20	64QAM	1	0	16.57	16.85	16.84	17.5	0	
20	64QAM	1	49	16.57	16.87	16.82			
20	64QAM	1	99	16.56	16.73	16.88			
20	64QAM	50	0	16.56	16.85	16.93			
20	64QAM	50	24	16.59	16.75	16.86	17.5	0	
20	64QAM	50	50	16.58	16.81	16.92			
20	64QAM	100	0	16.58	16.73	16.84			
Channel									
Frequency (MHz)									
15	QPSK	1	0	16.57	16.60	16.92	Turn-up limit [dBm]	MPR [dB]	
15	QPSK	1	37	16.49	16.69	16.83	17.5	0	
15	QPSK	1	74	16.43	16.67	16.83			
15	QPSK	36	0	16.45	16.66	16.86			
15	QPSK	36	24	16.39	16.72	16.84	17.5	0	
15	QPSK	36	39	16.47	16.66	16.65			
15	QPSK	75	0	16.52	16.66	16.73			
15	16QAM	1	0	16.54	16.78	16.73			
15	16QAM	1	37	16.50	16.66	16.81	17.5	0	
15	16QAM	1	74	16.56	16.63	16.82			
15	16QAM	36	0	16.49	16.73	16.82			
15	16QAM	36	24	16.51	16.72	16.84	17.5	0	
15	16QAM	36	39	16.59	16.71	16.82			
15	16QAM	75	0	16.51	16.68	16.77			
15	64QAM	1	0	16.48	16.75	16.87			
15	64QAM	1	37	16.48	16.73	16.75	17.5	0	
15	64QAM	1	74	16.51	16.68	16.75			
15	64QAM	36	0	16.51	16.77	16.85			
15	64QAM	36	24	16.58	16.63	16.83	17.5	0	
15	64QAM	36	39	16.52	16.67	16.85			
15	64QAM	75	0	16.50	16.69	16.85			
Channel									
Frequency (MHz)									
10	QPSK	1	0	16.48	16.83	16.86	Turn-up limit [dBm]	MPR [dB]	
10	QPSK	1	25	16.47	16.67	16.71	17.5	0	
10	QPSK	1	49	16.54	16.63	16.83			
10	QPSK	25	0	16.53	16.78	16.74			
10	QPSK	25	12	16.37	16.69	16.80	17.5	0	
10	QPSK	25	25	16.50	16.80	16.79			
10	QPSK	50	0	16.54	16.72	16.86			
10	16QAM	1	0	16.50	16.84	16.80			
10	16QAM	1	25	16.54	16.72	16.82	17.5	0	
10	16QAM	1	49	16.56	16.75	16.87			
10	16QAM	25	0	16.40	16.68	16.86			
10	16QAM	25	12	16.47	16.80	16.75	17.5	0	
10	16QAM	25	25	16.47	16.66	16.85			
10	16QAM	50	0	16.47	16.73	16.83			
10	16QAM	50	25	16.52	16.82	16.86	17.5	0	
10	16QAM	1	25	16.46	16.84	16.74	17.5	0	
10	64QAM	1	0	16.50	16.70	16.75			
10	64QAM	1	49	16.50	16.70	16.85			
10	64QAM	25	0	16.47	16.69	16.84	17.5	0	
10	64QAM	25	12	16.47	16.69	16.84			
10	64QAM	25	25	16.50	16.73	16.89			
10	64QAM	50	0	16.46	16.64	16.86	17.5	0	
Channel									
Frequency (MHz)									
5	QPSK	1	0	16.55	16.83	16.87	Turn-up limit [dBm]	MPR [dB]	
5	QPSK	1	12	16.55	16.73	16.79	17.5	0	
5	QPSK	1	24	16.43	16.71	16.73			
5	QPSK	12	0	16.47	16.73	16.79			
5	QPSK	12	7	16.50	16.72	16.79	17.5	0	
5	QPSK	12	13	16.41	16.70	16.69			
5	QPSK	25	0	16.47	16.62	16.78			
5	16QAM	1	0	16.50	16.80	16.82			
5	16QAM	1	12	16.55	16.67	16.76	17.5	0	
5	16QAM	1	24	16.54	16.72	16.77			
5	16QAM	12	0	16.50	16.63	16.78			
5	16QAM	12	7	16.52	16.69	16.83	17.5	0	
5	16QAM	12	13	16.47	16.73	16.84			
5	16QAM	25	0	16.48	16.75	16.78			
5	64QAM	1	0	16.46	16.80	16.79			
5	64QAM	1	12	16.48	16.75	16.74	17.5	0	
5	64QAM	1	24	16.51	16.74	16.74			
5	64QAM	12	0	16.53	16.78	16.78			
5	64QAM	12	7	16.46	16.65	16.83	17.5	0	
5	64QAM	12	13	16.48	16.66	16.90			
5	64QAM	25	0	16.46	16.63	16.88			
Channel									
Frequency (MHz)									
3	QPSK	1	0	16.48	16.78	16.86	Turn-up limit [dBm]	MPR [dB]	
3	QPSK	1	8	16.56	16.75	16.76	17.5	0	
3	QPSK	1	14	16.48	16.76	16.77			
3	QPSK	8	0	16.43	16.75	16.74			
3	QPSK	8	4	16.43	16.67	16.69	17.5	0	
3	QPSK	15	0	16.41	16.70	16.68			
3	QPSK	15	0	16.55	16.66	16.76			
3	16QAM	1	0	16.53	16.74	16.70			
3	16QAM	1	8	16.42	16.72	16.80	17.5	0	
3	16QAM	1	14	16.45	16.74	16.81			
3	16QAM	8	0	16.44	16.62	16.84			
3	16QAM	8	4	16.44	16.68	16.78			
3	16QAM	8	7	16.58	16.75	16.80	17.5	0	
3	16QAM	15	0	16.49	16.70	16.78			
3	64QAM	1	0	16.43	16.60	16.79			
3	64QAM	1	8	16.43	16.61	16.77	17.5	0	
3	64QAM	1	14	16.56	16.68	16.81			
3	64QAM	8	0	16.44	16.74	16.79			
3	64QAM	8	4	16.58	16.64	16.77	17.5	0	
3	64QAM	8	7	16.54	16.73	16.86			
3	64QAM	15	0	16.46	16.69	16.93			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	16.60	16.85	16.89	Turn-up limit [dBm]	MPR [dB]	
1.4	QPSK	1	3	16.58	16.68	16.77	17.5	0	
1.4	QPSK	1	5	16.54	16.64	16.80			
1.4	QPSK	3	0	16.42	16.61	16.80			
1.4	QPSK	3	16.47	16.69	16.69				
1.4	QPSK	6	0	16.55	16.64	16.71	17.5	0	
1.4	16QAM	1	0	16.56	16.80	16.82			
1.4	16QAM	1	3	16.49	16.65	16.77			
1.4	16QAM	1	5	16.55	16.74	16.74	17.5	0	
1.4	16QAM	3	0	16.49	16.72	16.92			
1.4	16QAM	3	1	16.54	16.78	16.86			
1.4	16QAM	3	16.51	16.75	16.81				
1.4	16QAM	6	0	16.43	16.70	16.78	17.5	0	
1.4	64QAM	1	0	16.54	16.79	16.87			
1.4	64QAM	1	3	16.53	16.78	16.81			
1.4	64QAM	1	5	16.41	16.63	16.73	17.5	0	
1.4	64QAM	3	0	16.50	16.71	16.80			
1.4	64QAM	3	1	16.50	16.70	16.72			
1.4	64QAM	3	16.47	16.78	16.82				
1.4	64QAM	6	0	16.52	16.63	16.93	17.5	0	

Band 2_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Max [dB]	Power High Ch / Freq	Turn-up limit [dBm]	MPR [dB]	
Channel									
Frequency (MHz)									
20	QPSK	1	0	24.33	24.34	24.31			
20	QPSK	1	49	24.00	24.31	24.23	25	0	
20	QPSK	1	99	24.22	24.33	24.19			
20	QPSK	50	0	23.62	23.68	23.67			
20	QPSK	50	24	23.64	23.68	23.66	24	1	
20	QPSK	50	50	23.50	23.62	23.50			
20	QPSK	100	0	23.46	23.50	23.34			
20	HQAM	1	0	24.03	24.09	23.86			
20	HQAM	1	49	24.01	24.14	24.00	24.5	0.5	
20	HQAM	1	99	24.21	24.26	24.12			
20	HQAM	50	0	23.31	23.42	23.31			
20	HQAM	50	24	23.24	23.35	23.24	23.5	1.5	
20	HQAM	50	50	23.41	23.45	23.32			
20	HQAM	100	0	23.40	23.45	23.26			
20	HQAM	1	0	23.35	23.39	23.36			
20	HQAM	1	49	23.31	23.34	23.19	23.5	1.5	
20	HQAM	1	99	23.37	23.38	23.23			
20	HQAM	50	0	22.31	22.43	22.37			
20	HQAM	50	24	22.30	22.37	22.29	22.5	2.1	
20	HQAM	50	50	22.32	22.47	22.40			
20	HQAM	100	0	22.33	22.40	22.31			
Channel									
Frequency (MHz)									
15	QPSK	1	0	18.67	18.68	18.62	Turn-up limit [dBm]	MPR [dB]	
15	QPSK	1	0	24.27	24.26	24.18			
15	QPSK	1	37	24.24	24.25	24.14	25	0	
15	QPSK	1	74	24.15	24.23	24.14			
15	QPSK	36	0	23.51	23.61	23.64			
15	QPSK	36	39	23.43	23.54	23.54	24	1	
15	QPSK	36	39	23.40	23.48	23.54			
15	QPSK	75	0	23.40	23.37	23.30			
15	QPSK	1	0	23.94	23.94	23.84			
15	QPSK	1	37	24.00	24.12	24.00	24.5	0.5	
15	QPSK	1	74	24.15	24.12	24.06			
15	HQAM	36	0	23.16	23.27	23.25			
15	HQAM	36	39	23.13	23.23	23.23	23.5	1.5	
15	HQAM	36	39	23.29	23.38	23.17			
15	HQAM	75	0	23.17	23.29	23.25			
15	HQAM	1	0	23.26	23.36	23.25			
15	HQAM	1	37	23.30	23.27	23.24	23.5	1.5	
15	HQAM	1	74	23.33	23.36	23.22			
15	HQAM	36	0	22.29	22.41	22.29			
15	HQAM	36	39	22.25	22.38	22.18	22.5	2.5	
15	HQAM	36	39	22.33	22.37	22.32			
15	HQAM	75	0	22.23	22.39	22.29			
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.21	24.18	24.21	Turn-up limit [dBm]	MPR [dB]	
10	QPSK	1	25	24.18	24.30	24.18	25	0	
10	QPSK	1	49	24.07	24.28	24.16			
10	QPSK	1	74	24.08	24.16	24.03			
10	QPSK	25	12	23.43	23.52	23.52	24	1	
10	QPSK	25	25	23.40	23.48	23.42			
10	QPSK	50	0	23.42	23.42	23.32			
10	HQAM	1	0	23.88	24.04	23.90			
10	HQAM	1	25	23.91	24.11	23.86	24.5	0.5	
10	HQAM	1	49	24.06	24.13	23.97			
10	HQAM	1	74	24.17	24.31	24.02			
10	HQAM	25	12	23.22	23.31	23.11	23.5	1.5	
10	HQAM	25	25	23.30	23.39	23.31			
10	HQAM	50	0	23.37	23.37	23.23			
10	HQAM	1	0	23.29	23.35	23.25			
10	HQAM	1	25	23.19	23.20	23.18	23.5	1.5	
10	HQAM	1	49	23.27	23.30	23.28			
10	HQAM	1	74	23.22	23.27	23.21			
10	HQAM	25	12	22.16	22.30	22.24	22.5	2.5	
10	HQAM	25	25	22.20	22.40	22.31			
10	HQAM	50	0	22.21	22.31	22.29			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.18	24.26	24.22	Turn-up limit [dBm]	MPR [dB]	
5	QPSK	1	12	24.16	24.29	24.13	25	0	
5	QPSK	1	24	24.11	24.32	24.05			
5	QPSK	12	7	23.49	23.56	23.54			
5	QPSK	12	7	23.44	23.59	23.53	24	1	
5	QPSK	12	7	23.37	23.47	23.43			
5	QPSK	25	0	23.41	23.42	23.30			
5	QPSK	1	0	24.00	24.03	23.94			
5	HQAM	1	12	24.02	24.12	23.97	24.5	0.5	
5	HQAM	1	24	24.13	24.14	24.09			
5	HQAM	12	0	23.27	23.31	23.21			
5	HQAM	12	7	23.16	23.30	23.12	23.5	1.5	
5	HQAM	12	7	23.34	23.34	23.24			
5	HQAM	25	0	23.21	23.32	23.24			
5	HQAM	1	0	23.33	23.38	23.26			
5	HQAM	1	12	23.22	23.39	23.20	23.5	1.5	
5	HQAM	1	24	23.35	23.32	23.28			
5	HQAM	12	0	22.16	22.29	22.28			
5	HQAM	12	7	22.18	22.26	22.25	22.5	2.1	
5	HQAM	12	7	22.27	22.40	22.37			
5	HQAM	25	0	22.16	22.35	22.24			
Channel									
Frequency (MHz)									
3	QPSK	1	0	24.12	24.20	24.10	Turn-up limit [dBm]	MPR [dB]	
3	QPSK	1	8	24.28	24.25	24.13	25	0	
3	QPSK	1	14	24.18	24.20	24.08			
3	QPSK	8	0	23.56	23.64	23.63			
3	QPSK	8	1	23.52	23.63	23.56	24	1	
3	QPSK	8	7	23.38	23.54	23.41			
3	QPSK	8	7	23.39	23.44	23.30			
3	HQAM	1	8	23.84	24.05	23.81	24.5	0.5	
3	HQAM	1	8	23.98	23.99	23.89			
3	HQAM	1	14	24.09	24.23	24.01			
3	HQAM	8	0	23.61	23.79	23.61	23.5	1.5	
3	HQAM	8	4	23.11	23.30	23.16			
3	HQAM	8	7	23.37	23.33	23.25			
3	HQAM	15	0	23.20	23.27	23.21			
3	HQAM	15	0	23.27	23.33	23.31	23.5	1.5	
3	HQAM	1	8	23.23	23.23	23.17			
3	HQAM	1	14	23.35	23.31	23.19			
3	HQAM	8	0	22.17	22.38	22.28	22.5	2.5	
3	HQAM	8	4	22.18	22.28	22.19			
3	HQAM	8	7	22.29	22.41	22.39			
3	HQAM	15	0	22.24	22.28	22.25			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	18.57	18.60	18.59	Turn-up limit [dBm]	MPR [dB]	
1.4	QPSK	1	3	24.15	24.30	24.17	25	0	
1.4	QPSK	1	3	24.18	24.28	24.14			
1.4	QPSK	3	0	24.25	24.31	24.17			
1.4	QPSK	3	1	24.19	24.30	24.22			
1.4	QPSK	3	1	24.13	24.32	24.17	24	1	
1.4	QPSK	3	3	23.37	23.47	23.29			
1.4	HQAM	1	0	23.41	23.56	23.42			
1.4	HQAM	1	3	23.44	23.50	23.48	24.5	0.5	
1.4	HQAM	3	0	23.58	23.65	23.52			
1.4	HQAM	3	1	23.49	23.63	23.64			
1.4	HQAM	3	1	23.46	23.55	23.52			
1.4	HQAM	3	3	23.61	23.69	23.64	23.5	1.5	
1.4	HQAM	1	0	22.61	22.80	22.74			
1.4	HQAM	1	0	22.77	22.79	22.84			
1.4	HQAM	1	3	22.70	22.75	22.56	23.5	1.5	
1.4	HQAM	1	3	22.79	22.85	22.73			
1.4	HQAM	3	1	22.70	22.81	22.73			
1.4	HQAM	3	1	22.86	22.93	22.89			
1.4	HQAM	3	3	21.83	21.82	21.75	22.5	2.5	

Band 5_Ant 13												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq (dB)	Power Middle Ch./Freq (dB)	Power High Ch./Freq (dB)	Time-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				20450	20525	20600						
				829	836.5	844						
10	QPSK	1	0	21.30	21.36	21.31	22	0				
10	QPSK	1	25	21.18	21.34	21.28						
10	QPSK	1	49	21.24	21.27	21.18						
10	QPSK	25	0	21.25	21.33	21.27						
10	QPSK	25	25	21.22	21.28	21.16						
10	QPSK	50	0	21.22	21.27	21.20	22	0				
10	16QAM	1	0	21.29	21.32	21.25						
10	16QAM	1	25	21.25	21.21	21.26						
10	16QAM	1	49	21.16	21.25	21.25						
10	16QAM	25	0	21.22	21.26	21.16						
10	16QAM	25	12	21.22	21.30	21.24	22	0				
10	16QAM	25	25	21.26	21.32	21.19						
10	16QAM	50	0	21.16	21.30	21.16						
10	64QAM	1	0	21.16	21.24	21.24						
10	64QAM	1	25	21.27	21.23	21.20						
10	64QAM	1	49	21.25	21.29	21.30	22	0				
10	64QAM	25	0	21.18	21.25	21.17						
10	64QAM	25	12	21.25	21.27	21.24						
10	64QAM	25	25	21.25	21.29	21.17						
10	64QAM	50	0	21.27	21.31	21.16						
10	64QAM	50	25	21.28	21.29	21.17						
Channel												
Frequency (MHz)				20425	20525	20625						
				829.5	836.5	846.5						
5	QPSK	1	0	21.15	21.25	21.27	22	0				
5	QPSK	1	12	21.13	21.24	21.17						
5	QPSK	1	24	21.10	21.21	21.09						
5	QPSK	12	0	21.12	21.30	21.14						
5	QPSK	12	12	21.09	21.30	21.06						
5	QPSK	12	13	21.18	21.16	21.03	22	0				
5	QPSK	25	0	21.07	21.22	21.09						
5	16QAM	1	0	21.16	21.28	21.22						
5	16QAM	1	12	21.17	21.12	21.12						
5	16QAM	1	24	21.12	21.10	21.11						
5	16QAM	12	0	21.16	21.25	21.07	22	0				
5	16QAM	12	12	21.08	21.28	21.11						
5	16QAM	12	13	21.21	21.27	21.15						
5	16QAM	25	0	21.12	21.27	21.15						
5	16QAM	25	12	21.13	21.20	21.18						
5	64QAM	1	0	21.13	21.21	21.17	22	0				
5	64QAM	1	24	21.12	21.10	21.16						
5	64QAM	12	0	21.08	21.13	21.02						
5	64QAM	12	7	21.18	21.18	21.16						
5	64QAM	12	13	21.27	21.17	21.13						
5	64QAM	25	0	21.25	21.23	21.10	Time-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				20415	20525	20635						
				829.5	836.5	847.5						
3	QPSK	1	0	21.29	21.34	21.26	22	0				
3	QPSK	1	8	21.06	21.32	21.23						
3	QPSK	1	14	21.17	21.12	21.16						
3	QPSK	8	4	21.21	21.34	21.14						
3	QPSK	8	7	21.04	21.33	21.17						
3	QPSK	8	7	21.08	21.16	21.12	22	0				
3	QPSK	15	0	21.07	21.26	21.06						
3	16QAM	1	0	21.22	21.17	21.16						
3	16QAM	1	8	21.11	21.07	21.12						
3	16QAM	1	14	21.12	21.18	21.25						
3	16QAM	8	0	21.10	21.22	21.11	22	0				
3	16QAM	8	4	21.13	21.28	21.13						
3	16QAM	8	7	21.17	21.24	21.11						
3	16QAM	15	0	21.01	21.19	21.13						
3	16QAM	15	0	21.06	21.15	21.13						
3	64QAM	1	8	21.20	21.16	21.06	22	0				
3	64QAM	1	14	21.21	21.22	21.27						
3	64QAM	8	0	21.10	21.12	21.15						
3	64QAM	8	4	21.23	21.23	21.16						
3	64QAM	8	7	21.16	21.18	21.04						
3	64QAM	15	0	21.16	21.17	21.06	Time-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				20407	20525	20643						
				824.7	836.5	848.3						
1.4	QPSK	1	0	21.20	21.25	21.30	22	0				
1.4	QPSK	1	3	21.14	21.21	21.16						
1.4	QPSK	1	6	21.09	21.17	21.04						
1.4	QPSK	3	0	21.11	21.18	21.23						
1.4	QPSK	3	1	21.02	21.15	21.17						
1.4	QPSK	3	3	21.20	21.22	21.04	22	0				
1.4	QPSK	6	0	21.14	21.23	21.16						
1.4	16QAM	1	0	21.18	21.27	21.24						
1.4	16QAM	1	3	21.12	21.18	21.22						
1.4	16QAM	1	6	21.06	21.11	21.17						
1.4	16QAM	3	0	21.15	21.19	21.01	22	0				
1.4	16QAM	3	1	21.12	21.27	21.20						
1.4	16QAM	3	3	21.25	21.23	21.08						
1.4	16QAM	6	0	21.02	21.16	21.03						
1.4	64QAM	1	0	21.11	21.13	21.15						
1.4	64QAM	1	3	21.14	21.11	21.17	22	0				
1.4	64QAM	1	6	21.16	21.15	21.29						
1.4	64QAM	3	0	21.10	21.19	21.03						
1.4	64QAM	3	1	21.19	21.19	21.16						
1.4	64QAM	3	3	21.18	21.16	21.16						
1.4	64QAM	6	0	21.18	21.16	21.09	22	0				

Band 5_Ant 31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (dBm)	Power Middle Ch. (dBm)	Power High Ch. (dBm)	Time-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.69	23.77	23.64	25	0	
10	QPSK	1	25	23.63	23.65	23.58			
10	QPSK	1	49	23.48	23.53	23.48			
10	QPSK	25	0	22.57	23.03	22.57			
10	QPSK	25	12	22.79	22.87	22.73			
10	QPSK	25	25	22.93	23.02	22.96	24.5	0.5	
10	QPSK	50	0	22.77	22.61	22.67			
10	16QAM	1	0	23.44	23.57	23.44			
10	16QAM	1	25	23.28	23.33	23.29			
10	16QAM	1	49	23.37	23.41	23.28			
10	16QAM	25	0	22.27	22.33	22.18	23.5	1.5	
10	16QAM	25	12	22.65	22.86	22.61			
10	16QAM	25	25	22.30	22.36	22.21			
10	16QAM	50	0	22.72	22.74	22.70			
10	64QAM	1	0	22.76	22.86	22.75			
10	64QAM	1	25	22.74	22.84	22.83	23.5	1.5	
10	64QAM	1	49	22.50	22.62	22.60			
10	64QAM	25	0	21.55	21.61	21.54			
10	64QAM	25	12	21.62	21.73	21.64			
10	64QAM	25	25	21.64	21.65	21.64			
10	64QAM	50	0	21.68	21.79	21.72	Time-up limit (dBm)	MPR (dB)	
Channel				20425 <th>20525<th>20625</th></th>	20525 <th>20625</th>	20625			
Frequency (MHz)				829.5 <th>836.5<th>846.5</th></th>	836.5 <th>846.5</th>	846.5			
5	QPSK	1	0	23.61	23.73	23.56	25	0	
5	QPSK	1	12	23.50	23.59	23.44			
5	QPSK	1	24	23.43	23.56	23.37			
5	QPSK	12	0	22.87	23.61	22.80			
5	QPSK	12	12	22.67	22.72	22.62			
5	QPSK	12	13	22.88	22.90	22.83	24.5	0.5	
5	QPSK	25	0	22.68	22.74	22.62			
5	16QAM	1	0	23.61	23.73	23.65			
5	16QAM	1	12	23.20	23.26	23.14	24.5	0.5	
5	16QAM	1	24	23.34	23.37	23.24			
5	16QAM	12	0	22.19	23.21	22.15			
5	16QAM	12	12	22.56	22.52	22.54			
5	16QAM	12	13	22.22	22.25	22.15			
5	16QAM	25	0	22.68	22.77	22.67	23.5	1.5	
5	64QAM	1	0	22.66	22.77	22.67			
5	64QAM	1	12	22.68	22.73	22.81			
5	64QAM	1	24	22.48	22.72	22.48			
5	64QAM	12	0	21.44	21.86	21.47			
5	64QAM	12	12	21.52	21.59	21.50	22.5	2.5	
5	64QAM	12	13	21.55	21.56	21.52			
5	64QAM	25	0	21.63	21.75	21.58			
Channel				20415 <th>20525<th>20635</th><td rowspan="3">Time-up limit (dBm)</td><td rowspan="3">MPR (dB)</td><td rowspan="3"></td></th>	20525 <th>20635</th> <td rowspan="3">Time-up limit (dBm)</td> <td rowspan="3">MPR (dB)</td> <td rowspan="3"></td>	20635	Time-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.5 <th>836.5<th>847.5</th></th>	836.5 <th>847.5</th>	847.5			
3	QPSK	1	0	23.62	23.75	23.61			
3	QPSK	1	12	23.62	23.83	23.53			
3	QPSK	1	14	23.31	23.44	23.31			
3	QPSK	8	0	22.84	23.90	22.84			
3	QPSK	8	4	22.77	22.80	22.66			
3	QPSK	8	12	22.98	22.83	22.84	24.5	0.5	
3	QPSK	15	0	22.70	22.75	22.57			
3	16QAM	1	0	23.31	23.56	23.35			
3	16QAM	1	8	23.13	23.30	23.18	24.5	0.5	
3	16QAM	1	16	23.26	23.30	23.18			
3	16QAM	8	0	22.18	22.29	22.13			
3	16QAM	8	4	22.59	22.54	22.57			
3	16QAM	8	12	22.77	22.72	22.58			
3	64QAM	1	0	22.65	22.71	22.61	23.5	1.5	
3	64QAM	1	8	22.73	22.76	22.71			
3	64QAM	1	16	22.48	22.72	22.48			
3	64QAM	8	0	21.51	21.59	21.58			
3	64QAM	8	4	21.53	21.59	21.58			
3	64QAM	8	7	21.61	21.67	21.50	22.5	2.5	
3	64QAM	15	0	21.64	21.71	21.50			
Channel				20440	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.66	23.70	23.62	25	0	
1.4	QPSK	1	5	23.58	23.68	23.58			
1.4	QPSK	1	5	23.39	23.52	23.44			
1.4	QPSK	3	0	22.64	23.68	22.62			
1.4	QPSK	3	1	23.55	23.59	23.47			
1.4	QPSK	3	1	23.42	23.53	23.47	24.5	0.5	
1.4	QPSK	6	0	22.62	22.79	22.59			
1.4	16QAM	1	0	23.32	23.30	23.33			
1.4	16QAM	1	5	23.14	23.20	23.13			
1.4	16QAM	1	5	23.27	23.40	23.13			
1.4	16QAM	3	0	23.34	23.51	23.43	24.5	0.5	
1.4	16QAM	3	1	23.15	23.25	23.22			
1.4	16QAM	3	1	23.31	23.38	23.13			
1.4	16QAM	6	0	22.25	22.20	22.22			
1.4	64QAM	1	0	22.33	23.23	22.21			
1.4	64QAM	1	5	22.27	22.29	22.28	23.5	1.5	
1.4	64QAM	1	5	21.96	22.28	22.08			
1.4	64QAM	3	0	22.25	22.37	22.31			
1.4	64QAM	3	1	22.24	22.41	22.28			
1.4	64QAM	6	0	21.22	21.25	21.21			
1.4	64QAM	6	0	21.22	21.25	21.21	22.5	2.5	

Band 13_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Turn-up time (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
762									
10	QPSK	1	0		23.16		24	0	
10	QPSK	1	25		23.04				
10	QPSK	1	49		23.04				
10	QPSK	25	0		23.09		24	0	
10	QPSK	25	12		23.07				
10	QPSK	25	25		23.06				
10	QPSK	50	0		23.07		24	0	
10	16QAM	1	0		23.11				
10	16QAM	1	25		23.06				
10	16QAM	1	49		23.11		23.5	0.5	
10	16QAM	25	0		23.10				
10	16QAM	25	12		23.10				
10	16QAM	25	25		23.04		23.5	0.5	
10	16QAM	50	0		23.00				
10	64QAM	1	0		23.08				
10	64QAM	1	25		23.05		23.5	0.5	
10	64QAM	1	49		23.06				
10	64QAM	25	0		22.25				
10	64QAM	25	12		22.20		22.5	1.5	
10	64QAM	25	25		22.20				
10	64QAM	50	0		22.28				
Channel									
Frequency (MHz)									
773.5 762 764.5									
5	QPSK	1	0	23.09	23.06	23.15	24	0	
5	QPSK	1	12	22.90	22.99	22.90			
5	QPSK	1	24	23.08	23.01	23.10			
5	QPSK	12	0	22.94	22.94	23.06	24	0	
5	QPSK	12	7	23.01	23.05	23.00			
5	QPSK	12	13	23.05	22.94	22.97			
5	QPSK	25	0	22.92	22.95	22.98	24	0	
5	16QAM	1	0	23.02	23.05	23.04			
5	16QAM	1	12	22.99	23.02	23.01			
5	16QAM	1	24	23.08	22.96	23.04	23.5	0.5	
5	16QAM	12	0	23.04	23.06	23.02			
5	16QAM	12	7	23.08	23.06	23.02			
5	16QAM	12	13	22.93	23.02	22.92	23.5	0.5	
5	16QAM	25	0	22.85	22.85	22.87			
5	64QAM	1	0	23.03	23.09	23.09			
5	64QAM	1	12	22.93	22.94	22.95	23.5	0.5	
5	64QAM	1	24	23.04	22.95	22.99			
5	64QAM	12	0	22.15	22.11	22.22			
5	64QAM	12	7	22.05	22.10	22.14	22.5	1.5	
5	64QAM	12	13	22.25	22.12	22.11			
5	64QAM	25	0	22.17	22.27	22.25			

Band 13_Ant 31											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (dBm)	Power Middle Ch. (dBm)	Power High Ch. (dBm)	Turn-up time (dBm)	MPR (dB)			
Channel				23230							
Frequency (MHz)				762							
10	QPSK	1	0	23.06			25				
10	QPSK	1	25	23.01							
10	QPSK	1	49	23.44							
10	QPSK	25	0	22.95			24	1			
10	QPSK	25	12	22.64							
10	QPSK	25	25	22.62							
10	QPSK	50	0	22.74			24	1			
10	16QAM	1	0	23.35							
10	16QAM	1	25	23.44							
10	16QAM	1	49	23.35			23	2			
10	16QAM	25	0	22.11							
10	16QAM	25	12	22.14							
10	16QAM	25	25	22.09			23	2			
10	16QAM	50	0	22.10							
10	64QAM	1	0	22.23							
10	64QAM	1	25	22.30			22	3			
10	64QAM	1	49	22.20							
10	64QAM	25	0	20.95							
10	64QAM	25	12	21.10			22	3			
10	64QAM	25	25	21.00							
10	64QAM	50	0	21.22							
Channel				23205 <th colspan="2">23230</th>						23230	
Frequency (MHz)				779.5 <th colspan="2">762</th>						762	
5	QPSK	1	0	23.19	23.16	23.19				25	0
5	QPSK	1	12	23.51	23.47	23.60					
5	QPSK	1	24	23.42	23.35	23.30					
5	QPSK	12	0	22.83	22.93	22.82	24	1			
5	QPSK	12	7	22.80	22.94	22.99					
5	QPSK	12	13	22.49	22.47	22.49					
5	QPSK	25	0	22.67	22.63	22.63	24	1			
5	16QAM	1	0	23.23	23.34	23.28					
5	16QAM	1	12	23.38	23.37	23.31					
5	16QAM	1	24	23.50	23.44	23.40	24	1			
5	16QAM	12	0	22.94	22.99	22.90					
5	16QAM	12	7	21.99	22.12	22.10					
5	16QAM	12	13	22.07	22.00	22.00	23	2			
5	16QAM	25	0	21.99	22.02	22.00					
5	64QAM	1	0	22.21	22.13	22.22					
5	64QAM	1	12	22.19	22.22	22.20	23	2			
5	64QAM	1	24	22.05	22.08	22.18					
5	64QAM	12	0	20.89	20.87	20.82					
5	64QAM	12	7	21.09	21.02	21.08	22	3			
5	64QAM	12	13	20.95	20.85	20.85					
5	64QAM	25	0	21.17	21.20	21.11					

Band 26_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Turn-up time (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.70	21.60	21.72	22.5	0	
15	QPSK	1	37	21.50	21.75	21.62			
15	QPSK	1	74	21.68	21.77	21.64			
15	QPSK	36	0	21.68	21.75	21.69	22.5	0	
15	QPSK	36	20	21.67	21.74	21.67			
15	QPSK	36	39	21.59	21.65	21.58			
15	QPSK	75	0	21.55	21.66	21.57	22.5	0	
15	16QAM	1	0	21.69	21.65	21.69			
15	16QAM	1	37	21.57	21.75	21.64			
15	16QAM	1	74	21.57	21.77	21.69	22.5	0	
15	16QAM	36	0	21.55	21.76	21.69			
15	16QAM	36	20	21.57	21.71	21.58			
15	16QAM	36	39	21.66	21.74	21.71	22.5	0	
15	16QAM	75	0	21.64	21.67	21.67			
15	64QAM	1	0	21.56	21.76	21.58			
15	64QAM	1	37	21.55	21.76	21.71	22.5	0	
15	64QAM	1	74	21.61	21.73	21.61			
15	64QAM	36	0	21.65	21.73	21.59			
15	64QAM	36	20	21.60	21.75	21.67	22.5	0	
15	64QAM	36	39	21.68	21.69	21.70			
15	64QAM	75	0	21.65	21.68	21.70			
Channel									
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.53	21.63	21.57	22.5	0	
10	QPSK	1	25	21.49	21.68	21.57			
10	QPSK	1	49	21.54	21.73	21.52			
10	QPSK	25	0	21.54	21.70	21.57	22.5	0	
10	QPSK	25	12	21.54	21.64	21.63			
10	QPSK	25	25	21.54	21.64	21.64			
10	QPSK	50	0	21.54	21.64	21.64	22.5	0	
10	16QAM	1	0	21.50	21.56	21.64			
10	16QAM	1	25	21.50	21.60	21.60			
10	16QAM	1	49	21.49	21.69	21.55	22.5	0	
10	16QAM	25	0	21.54	21.64	21.64			
10	16QAM	25	12	21.54	21.71	21.49			
10	16QAM	25	25	21.54	21.67	21.61	22.5	0	
10	64QAM	1	0	21.56	21.68	21.55			
10	64QAM	1	25	21.56	21.67	21.61			
10	64QAM	1	49	21.59	21.58	21.52	22.5	0	
10	64QAM	25	0	21.61	21.63	21.56			
10	64QAM	25	12	21.48	21.64	21.66			
10	64QAM	25	25	21.48	21.64	21.66	22.5	0	
10	64QAM	50	0	21.58	21.65	21.65			
Channel									
Frequency (MHz)				26715 <th>26865<th>26995<th>Turn-up time (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	26865 <th>26995<th>Turn-up time (dBm)</th><th colspan="2">MPR (dB)</th></th>	26995 <th>Turn-up time (dBm)</th> <th colspan="2">MPR (dB)</th>	Turn-up time (dBm)	MPR (dB)	
				819.5 <th>831.5<th>843.5<th></th><th></th><th></th></th></th>	831.5 <th>843.5<th></th><th></th><th></th></th>	843.5 <th></th> <th></th> <th></th>			
5	QPSK	1	0	21.44	21.76	21.51	22.5	0	
5	QPSK	1	12	21.44	21.72	21.55			
5	QPSK	1	24	21.54	21.74	21.63			
5	QPSK	12	0	21.53	21.72	21.57	22.5	0	
5	QPSK	12	6	21.53	21.68	21.64			
5	QPSK	12	13	21.53	21.59	21.54			
5	QPSK	25	0	21.45	21.51	21.48	22.5	0	
5	QPSK	25	12	21.45	21.51	21.51			
5	16QAM	1	12	21.43	21.69	21.55			
5	16QAM	1	24	21.53	21.67	21.49	22.5	0	
5	16QAM	12	0	21.45	21.69	21.49			
5	16QAM	12	6	21.52	21.71	21.43			
5	16QAM	12	13	21.51	21.64	21.51	22.5	0	
5	16QAM	25	0	21.53	21.52	21.66			
5	16QAM	25	12	21.49	21.65	21.65			
5	64QAM	1	12	21.49	21.73	21.65	22.5	0	
5	64QAM	1	24	21.60	21.65	21.46			
5	64QAM	12	0	21.56	21.64	21.57			
5	64QAM	12	6	21.50	21.66	21.64	22.5	0	
5	64QAM	12	13	21.49	21.64	21.64			
5	64QAM	25	0	21.48	21.67	21.57			
Channel									
Frequency (MHz)				815.5	831.5	847.5	Turn-up time (dBm)	MPR (dB)	
				26957 <th>26965<th>27033<th></th><th></th><th></th></th></th>	26965 <th>27033<th></th><th></th><th></th></th>	27033 <th></th> <th></th> <th></th>			
3	QPSK	1	0	21.65	21.65	21.68	22.5	0	
3	QPSK	1	8	21.42	21.65	21.48			
3	QPSK	1	16	21.64	21.71	21.55			
3	QPSK	8	0	21.59	21.67	21.67	22.5	0	
3	QPSK	8	4	21.62	21.65	21.58			
3	QPSK	8	7	21.52	21.51	21.45			
3	QPSK	16	0	21.60	21.69	21.69	22.5	0	
3	16QAM	1	0	21.48	21.63	21.57			
3	16QAM	1	8	21.49	21.60	21.49			
3	16QAM	1	16	21.56	21.64	21.55	22.5	0	
3	16QAM	8	0	21.47	21.65	21.56			
3	16QAM	8	4	21.54	21.75	21.47			
3	16QAM	8	7	21.52	21.65	21.64	22.5	0	
3	16QAM	16	0	21.58	21.68	21.68			
3	64QAM	1	0	21.49	21.76	21.50			
3	64QAM	1	8	21.49	21.67	21.65	22.5	0	
3	64QAM	1	16	21.53	21.69	21.50			
3	64QAM	8	0	21.52	21.62	21.51			
3	64QAM	8	4	21.55	21.67	21.53	22.5	0	
3	64QAM	8	7	21.49	21.58	21.56			
3	64QAM	16	0	21.58	21.68	21.68			
Channel									
Frequency (MHz)				814.7	831.5	848.3	Turn-up time (dBm)	MPR (dB)	
				26997 <th>26995<th>27033<th></th><th></th><th></th></th></th>	26995 <th>27033<th></th><th></th><th></th></th>	27033 <th></th> <th></th> <th></th>			
1.4	QPSK	1	0	21.68	21.66	21.70	22.5	0	
1.4	QPSK	1	3	21.52	21.64	21.52			
1.4	QPSK	1	6	21.67	21.64	21.71			
1.4	QPSK	3	0	21.54	21.74	21.68	22.5	0	
1.4	QPSK	3	1	21.54	21.60	21.65			
1.4	QPSK	3	2	21.53	21.49	21.55			
1.4	QPSK	6	0	21.49	21.57	21.56	22.5	0	
1.4	16QAM	1	0	21.58	21.52	21.61			
1.4	16QAM	1	3	21.54	21.66	21.60			
1.4	16QAM	1	6	21.58	21.72	21.69	22.5	0	
1.4	16QAM	3	0	21.51	21.73	21.62			
1.4	16QAM	3	1	21.48	21.67	21.49			
1.4	16QAM	3	2	21.54	21.64	21.54	22.5	0	
1.4	16QAM	6	0	21.63	21.54	21.54			
1.4	16QAM	6	1	21.45	21.75	21.47			
1.4	64QAM	1	3	21.52	21.63	21.62	22.5	0	
1.4	64QAM	1	6	21.58	21.70	21.59			
1.4	64QAM	3	0	21.54	21.71	21.48			
1.4	64QAM	3	1	21.49	21.64	21.59	22.5	0	
1.4	64QAM	3	2	21.54	21.67	21.54			
1.4	64QAM	6	0	21.63	21.55	21.57			

Band 66_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									
Frequency (MHz)				13202	13232	13262			
20	QPSK	1	0	18.07	18.68	18.87	19	0	
20	QPSK	1	49	18.84	18.84	18.86	19	0	
20	QPSK	1	99	18.78	18.77	18.82	19	0	
20	QPSK	50	0	18.54	18.85	18.82	19	0	
20	QPSK	50	24	18.74	18.83	18.75	19	0	
20	QPSK	50	50	18.80	18.80	18.73	19	0	
20	QPSK	100	0	18.75	18.77	18.76	19	0	
20	16QAM	1	0	18.83	18.86	18.74	19	0	
20	16QAM	1	49	18.75	18.77	18.82	19	0	
20	16QAM	1	99	18.72	18.77	18.76	19	0	
20	16QAM	50	0	18.77	18.77	18.74	19	0	
20	16QAM	50	24	18.85	18.82	18.81	19	0	
20	16QAM	50	50	18.78	18.76	18.75	19	0	
20	16QAM	100	0	18.82	18.74	18.83	19	0	
20	64QAM	1	0	18.76	18.76	18.82	19	0	
20	64QAM	1	49	18.77	18.73	18.75	19	0	
20	64QAM	1	99	18.78	18.83	18.72	19	0	
20	64QAM	50	0	18.74	18.73	18.72	19	0	
20	64QAM	50	24	18.73	18.84	18.76	19	0	
20	64QAM	50	50	18.85	18.74	18.75	19	0	
20	64QAM	100	0	18.84	18.74	18.85	19	0	
Channel									
Frequency (MHz)				132047	132322	132697	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	18.17	17.65	17.75	19	0	
15	QPSK	1	37	18.83	18.83	18.78	19	0	
15	QPSK	1	74	18.63	18.74	18.68	19	0	
15	QPSK	36	0	18.77	18.81	18.73	19	0	
15	QPSK	36	20	18.65	18.77	18.63	19	0	
15	QPSK	36	39	18.79	18.73	18.60	19	0	
15	QPSK	75	0	18.70	18.70	18.71	19	0	
15	16QAM	1	0	18.68	18.79	18.62	19	0	
15	16QAM	1	37	18.72	18.66	18.72	19	0	
15	16QAM	1	74	18.68	18.69	18.71	19	0	
15	16QAM	36	0	18.75	18.68	18.59	19	0	
15	16QAM	36	20	18.78	18.78	18.72	19	0	
15	16QAM	36	39	18.66	18.70	18.60	19	0	
15	16QAM	75	0	18.75	18.69	18.75	19	0	
15	64QAM	1	0	18.64	18.70	18.72	19	0	
15	64QAM	1	37	18.63	18.58	18.77	19	0	
15	64QAM	1	74	18.73	18.73	18.69	19	0	
15	64QAM	36	0	18.71	18.60	18.70	19	0	
15	64QAM	36	20	18.65	18.74	18.63	19	0	
15	64QAM	36	39	18.79	18.62	18.57	19	0	
15	64QAM	75	0	18.80	18.59	18.76	19	0	
Channel									
Frequency (MHz)				132222	132322	132522	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	18.84	18.80	18.80	19	0	
10	QPSK	1	25	18.70	18.81	18.83	19	0	
10	QPSK	1	49	18.65	18.76	18.74	19	0	
10	QPSK	25	0	18.77	18.82	18.69	19	0	
10	QPSK	25	12	18.61	18.68	18.69	19	0	
10	QPSK	25	25	18.78	18.70	18.63	19	0	
10	QPSK	50	0	18.60	18.63	18.64	19	0	
10	16QAM	1	0	18.75	18.71	18.68	19	0	
10	16QAM	1	25	18.68	18.74	18.72	19	0	
10	16QAM	1	49	18.71	18.65	18.73	19	0	
10	16QAM	25	0	18.76	18.76	18.65	19	0	
10	16QAM	25	12	18.69	18.77	18.72	19	0	
10	16QAM	25	25	18.69	18.64	18.72	19	0	
10	16QAM	50	0	18.76	18.73	18.70	19	0	
10	64QAM	1	0	18.67	18.68	18.72	19	0	
10	64QAM	1	25	18.71	18.63	18.78	19	0	
10	64QAM	1	49	18.77	18.78	18.71	19	0	
10	64QAM	25	0	18.66	18.62	18.59	19	0	
10	64QAM	25	12	18.67	18.73	18.70	19	0	
10	64QAM	25	25	18.74	18.67	18.60	19	0	
10	64QAM	50	0	18.77	18.68	18.71	19	0	
Channel									
Frequency (MHz)				131195	132232	132647	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	18.76	18.81	18.78	19	0	
5	QPSK	1	12	18.71	18.81	18.85	19	0	
5	QPSK	1	24	18.72	18.69	18.79	19	0	
5	QPSK	12	0	18.69	18.80	18.77	19	0	
5	QPSK	12	7	18.70	18.75	18.70	19	0	
5	QPSK	12	13	18.76	18.67	18.62	19	0	
5	QPSK	25	0	18.70	18.64	18.64	19	0	
5	16QAM	1	0	18.78	18.82	18.68	19	0	
5	16QAM	1	12	18.61	18.82	18.79	19	0	
5	16QAM	1	24	18.68	18.68	18.73	19	0	
5	16QAM	12	0	18.62	18.67	18.62	19	0	
5	16QAM	12	7	18.70	18.68	18.72	19	0	
5	16QAM	12	13	18.71	18.75	18.74	19	0	
5	16QAM	25	0	18.67	18.72	18.65	19	0	
5	64QAM	1	0	18.71	18.65	18.77	19	0	
5	64QAM	1	12	18.67	18.71	18.71	19	0	
5	64QAM	1	24	18.65	18.75	18.70	19	0	
5	64QAM	12	0	18.64	18.59	18.59	19	0	
5	64QAM	12	7	18.62	18.79	18.67	19	0	
5	64QAM	12	13	18.63	18.68	18.56	19	0	
5	64QAM	25	0	18.70	18.69	18.70	19	0	
Channel									
Frequency (MHz)				131197	132232	132657	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	18.85	18.84	18.86	19	0	
3	QPSK	1	8	18.79	18.78	18.74	19	0	
3	QPSK	1	14	18.67	18.66	18.67	19	0	
3	QPSK	8	0	18.72	18.79	18.73	19	0	
3	QPSK	8	4	18.69	18.74	18.67	19	0	
3	QPSK	8	7	18.67	18.79	18.66	19	0	
3	QPSK	15	0	18.64	18.63	18.68	19	0	
3	16QAM	1	0	18.79	18.71	18.59	19	0	
3	16QAM	1	8	18.64	18.73	18.77	19	0	
3	16QAM	1	14	18.64	18.75	18.64	19	0	
3	16QAM	8	0	18.69	18.68	18.62	19	0	
3	16QAM	8	4	18.70	18.81	18.75	19	0	
3	16QAM	8	7	18.67	18.77	18.73	19	0	
3	16QAM	15	0	18.74	18.65	18.79	19	0	
3	64QAM	1	0	18.68	18.72	18.70	19	0	
3	64QAM	1	8	18.74	18.60	18.75	19	0	
3	64QAM	1	14	18.71	18.72	18.69	19	0	
3	64QAM	8	0	18.61	18.60	18.60	19	0	
3	64QAM	8	4	18.70	18.82	18.61	19	0	
3	64QAM	8	7	18.84	18.62	18.60	19	0	
3	64QAM	15	0	18.76	18.62	18.79	19	0	
Channel									
Frequency (MHz)				131179	1745	1779.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	18.83	18.78	18.77	19	0	
1.4	QPSK	1	3	18.74	18.80	18.83	19	0	
1.4	QPSK	1	5	18.69	18.72	18.80	19	0	
1.4	QPSK	3	0	18.71	18.71	18.75	19	0	
1.4	QPSK	3	1	18.66	18.73	18.85	19	0	
1.4	QPSK	3	3	18.73	18.66	18.67	19	0	
1.4	QPSK	6	0	18.73	18.68	18.70	19	0	
1.4	16QAM	1	0	18.70	18.82	18.73	19	0	
1.4	16QAM	1	3	18.62	18.74	18.76	19	0	
1.4	16QAM	1	5	18.67	18.65	18.64	19	0	
1.4	16QAM	3	0	18.64	18.72	18.68	19	0	
1.4	16QAM	3	1	18.75	18.73	18.69	19	0	
1.4	16QAM	3	3	18.69	18.66	18.72	19	0	
1.4	16QAM	6	0	18.77	18.66	18.81	19	0	
1.4	64QAM	1	0	18.71	18.69	18.75	19	0	
1.4	64QAM	1	3	18.65	18.68	18.78	19	0	
1.4	64QAM	1	5	18.71	18.74	18.58	19	0	
1.4	64QAM	3	0	18.71	18.61	18.67	19	0	
1.4	64QAM	3	1	18.66	18.69	18.64	19	0	
1.4	64QAM	3	3	18.81	18.59	18.70	19	0	
1.4	64QAM	6	0	18.79	18.70	18.72	19	0	

Band 66_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									
Frequency (MHz)									
20	QPSK	1	0	24.49	24.58	24.51	25	0	
20	QPSK	1	49	24.44	24.45	24.43			
20	QPSK	1	97	24.37	24.43	24.39			
20	QPSK	50	0	23.87	23.93	23.91			
20	QPSK	50	24	23.86	23.91	23.90	24.5	0.5	
20	QPSK	100	0	23.82	23.87	23.87			
20	QPSK	100	0	23.88	23.92	23.89			
20	16QAM	1	0	23.98	24.04	23.92			
20	16QAM	1	49	24.07	24.18	24.10	24.5	0.5	
20	16QAM	1	97	24.11	24.25	24.19			
20	16QAM	50	0	22.16	22.25	22.24			
20	16QAM	50	0	21.99	22.02	21.97			
Channel									
Frequency (MHz)									
15	QPSK	1	0	17.175	17.165	17.175			
15	QPSK	1	0	24.45	24.48	24.46	25	0	
15	QPSK	1	49	24.40	24.43	24.41			
15	QPSK	1	74	24.33	24.39	24.34			
15	QPSK	36	0	23.82	23.86	23.83			
15	QPSK	36	0	23.78	23.82	23.79			
15	QPSK	36	39	23.81	23.76	23.80	24.5	0.5	
15	QPSK	75	0	23.87	23.89	23.74			
15	16QAM	1	0	24.01	23.93	23.90			
15	16QAM	1	49	24.05	24.08	24.00	24.5	0.5	
15	16QAM	1	74	24.03	24.18	24.02			
15	16QAM	36	0	22.85	22.87	22.77			
15	16QAM	36	0	22.80	22.83	22.73	23.5	1.5	
15	16QAM	36	39	22.87	23.00	22.92			
15	16QAM	75	0	22.05	22.00	22.01			
15	16QAM	1	0	22.16	22.29	22.38	23.5	1.5	
15	16QAM	1	49	22.27	22.29	22.29			
15	16QAM	1	74	22.28	22.35	22.25			
15	16QAM	36	0	21.88	21.82	21.89			
15	16QAM	36	0	21.82	21.92	21.85			
15	16QAM	36	39	21.97	22.09	22.05	22.5	2.5	
15	16QAM	75	0	21.86	21.91	21.84			
Channel									
Frequency (MHz)									
10	QPSK	1	0	14.42	14.53	14.48	25	0	
10	QPSK	1	25	24.29	24.36	24.23			
10	QPSK	1	49	24.31	24.41	24.26			
10	QPSK	25	12	23.85	23.84	23.83	24.5	0.5	
10	QPSK	25	12	23.71	23.84	23.83			
10	16QAM	1	0	23.81	23.89	23.84			
10	16QAM	1	0	23.93	23.98	23.90			
10	16QAM	1	25	23.92	24.13	23.95	24.5	0.5	
10	16QAM	1	49	24.03	24.09	23.99			
10	16QAM	25	12	22.96	23.01	22.97	23.5	1.5	
10	16QAM	25	12	22.80	22.86	22.83			
10	16QAM	25	25	22.84	22.80	22.83			
10	16QAM	25	25	22.82	23.31	22.25			
10	16QAM	1	25	22.62	22.69	22.52	23.5		
10	16QAM	1	49	22.48	22.54	22.46			
10	16QAM	25	0	21.87	21.92	21.85			
10	16QAM	25	12	21.89	21.81	21.91	22.5	2.5	
10	16QAM	25	25	22.10	22.14	22.15			
10	16QAM	1	0	21.86	21.88	21.79			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.39	24.45	24.41	25	0	
5	QPSK	1	12	24.34	24.44	24.28			
5	QPSK	1	25	24.31	24.41	24.26			
5	QPSK	12	0	23.74	23.92	23.87	24.5	0.5	
5	QPSK	12	7	23.73	23.88	23.88			
5	QPSK	12	0	23.68	23.81	23.77			
5	QPSK	25	0	23.83	23.89	23.79			
5	16QAM	1	0	23.83	23.89	23.78			
5	16QAM	1	12	23.93	24.10	23.97	24.5	0.5	
5	16QAM	1	25	24.05	24.16	24.00			
5	16QAM	12	0	22.97	22.98	22.83			
5	16QAM	12	7	22.74	22.85	22.76	23.5	1.5	
5	16QAM	12	0	22.97	22.97	22.81			
5	16QAM	1	0	22.97	22.99	22.96			
5	16QAM	1	12	22.24	22.33	22.35			
5	16QAM	1	12	22.23	22.27	22.23	23.5	1.5	
5	16QAM	1	25	22.53	22.53	22.55			
5	16QAM	12	7	21.82	21.93	21.86			
5	16QAM	12	7	21.88	22.05	21.95	22.5	2.5	
5	16QAM	12	0	21.87	21.92	21.85			
5	16QAM	25	0	21.97	21.91	21.75			
Channel									
Frequency (MHz)									
3	QPSK	1	0	17.115	17.165	17.165			
3	QPSK	1	4	24.42	24.40	24.38	25	0	
3	QPSK	1	14	24.24	24.48	24.37			
3	QPSK	8	0	23.77	23.87	23.77	24.5	0.5	
3	QPSK	8	0	23.73	23.81	23.78			
3	QPSK	8	7	23.79	23.89	23.79			
3	16QAM	15	0	23.82	24.01	23.77			
3	16QAM	15	0	23.98	24.24	23.77			
3	16QAM	1	8	23.98	24.04	24.08	24.5	0.5	
3	16QAM	1	14	24.07	24.21	24.10			
3	16QAM	8	0	22.96	22.86	22.87			
3	16QAM	8	7	22.97	22.92	22.88	23.5	1.5	
3	16QAM	15	0	23.09	23.12	22.99			
3	16QAM	15	0	22.19	22.28	22.29			
3	16QAM	1	8	22.64	22.60	22.59	23.5	1.5	
3	16QAM	1	14	22.67	22.59	22.55			
3	16QAM	8	0	21.83	21.84	21.86			
3	16QAM	8	0	21.91	22.03	21.90	22.5	2.5	
3	16QAM	8	7	21.89	22.04	21.98			
3	16QAM	15	0	21.85	21.96	21.83			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.40	24.48	24.37	25	0	
1.4	QPSK	1	3	24.40	24.40	24.18			
1.4	QPSK	1	3	24.27	24.45	24.48			
1.4	QPSK	1	3	24.47	24.55	24.49			
1.4	QPSK	3	1	24.30	24.42	24.31			
1.4	QPSK	3	1	24.28	24.49	24.37			
1.4	16QAM	1	0	23.87	23.78	23.68	24.5	0.5	
1.4	16QAM	1	0	23.58	23.60	23.50			
1.4	16QAM	1	3	23.69	23.86	23.76			
1.4	16QAM	3	1	23.75	23.87	23.77			
1.4	16QAM	3	1	23.60	23.87	23.60	24.5	0.5	
1.4	16QAM	3	3	23.83	23.79	23.72			
1.4	16QAM	3	3	22.77	22.72	22.62	23.5	1.5	
1.4	16QAM	1	0	22.26	22.62	22.51			
1.4	16QAM	1	3	22.42	22.68	22.40			
1.4	16QAM	3	1	22.28	22.68	22.47	23.5	1.5	
1.4	16QAM	3	3	22.69	22.68	22.54			
1.4	16QAM	3	1	22.49	22.65	22.53			
1.4	16QAM	3	3	22.58	22.60	22.58			
1.4	16QAM	3	3	22.68	22.64	22.59	22.5		

Band 38_Ant 13													
BW (MHz)	Modulation	RA Rate	RA Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-on time (sec)	MFR (dB)					
Channel													
Frequency (MHz)													
20	QPSK	1	0	16.44	16.45	16.45							
20	QPSK	1	49	16.29	16.43	16.38							
20	QPSK	1	99	16.30	16.38	16.35			10	0			
20	QPSK	50	0	16.36	16.37	16.37							
20	QPSK	50	24	16.36	16.37	16.37							
20	QPSK	50	50	16.36	16.34	16.31							
20	QPSK	50	75	16.37	16.43	16.40			10				
20	QPSK	1	0	16.41	16.44	16.40							
20	QPSK	1	0	16.33	16.36	16.36							
20	QPSK	1	99	16.41	16.39	16.39							
20	QPSK	50	0	16.34	16.46	16.39							
20	QPSK	50	24	16.34	16.37	16.37			10	0			
20	QPSK	50	50	16.37	16.40	16.40							
20	QPSK	100	0	16.40	16.43	16.41							
20	QPSK	1	0	16.35	16.43	16.39							
20	QPSK	1	49	16.41	16.44	16.41			10	0			
20	QPSK	1	99	16.35	16.43	16.40							
20	QPSK	50	0	16.40	16.45	16.40							
20	QPSK	50	24	16.34	16.43	16.43							
20	QPSK	50	50	16.34	16.43	16.43							
20	QPSK	50	50	16.34	16.47	16.38							
20	QPSK	100	0	16.36	16.39	16.38							
Channel													
Frequency (MHz)													
15	QPSK	1	0	16.31	16.34	16.31							
15	QPSK	1	37	16.20	16.31	16.21			10	0			
15	QPSK	1	74	16.29	16.24	16.20							
15	QPSK	50	0	16.27	16.37	16.30							
15	QPSK	50	26	16.31	16.30	16.30							
15	QPSK	50	50	16.24	16.21	16.20							
15	QPSK	75	0	16.28	16.31	16.30							
15	QPSK	1	0	16.34	16.30	16.30							
15	QPSK	1	74	16.21	16.34	16.18			10	0			
15	QPSK	1	0	16.33	16.30	16.30							
15	QPSK	50	0	16.24	16.31	16.18							
15	QPSK	50	26	16.28	16.30	16.31							
15	QPSK	50	50	16.30	16.25	16.22							
15	QPSK	75	0	16.25	16.34	16.34							
15	QPSK	1	0	16.29	16.42	16.20							
15	QPSK	1	37	16.33	16.31	16.30							
15	QPSK	1	74	16.30	16.28	16.34			10	0			
15	QPSK	50	0	16.28	16.30	16.30							
15	QPSK	50	26	16.21	16.36	16.27							
15	QPSK	50	50	16.22	16.36	16.33			10	0			
15	QPSK	75	0	16.26	16.33	16.30							
Channel													
Frequency (MHz)													
10	QPSK	1	0	16.35	16.36	16.36							
10	QPSK	1	26	16.18	16.38	16.18			10	0			
10	QPSK	1	49	16.20	16.25	16.24							
10	QPSK	25	0	16.32	16.31	16.31							
10	QPSK	25	12	16.31	16.26	16.20			10	0			
10	QPSK	25	26	16.28	16.18	16.21							
10	QPSK	50	0	16.33	16.36	16.31							
10	QPSK	1	0	16.40	16.30	16.30							
10	QPSK	1	26	16.29	16.28	16.28			10	0			
10	QPSK	25	0	16.26	16.36	16.30							
10	QPSK	25	0	16.30	16.35	16.32			10				
10	QPSK	50	0	16.26	16.36	16.30							
10	QPSK	1	0	16.29	16.39	16.26							
10	QPSK	1	26	16.27	16.37	16.18			10	0			
10	QPSK	1	49	16.23	16.41	16.20							
10	QPSK	25	0	16.32	16.30	16.30							
10	QPSK	25	12	16.21	16.34	16.20							
10	QPSK	25	26	16.27	16.34	16.30							
10	QPSK	50	0	16.24	16.31	16.30							
Channel													
Frequency (MHz)													
5	QPSK	1	0	16.39	16.34	16.34							
5	QPSK	1	12	16.18	16.30	16.17			10	0			
5	QPSK	1	24	16.19	16.24	16.23							
5	QPSK	12	0	16.32	16.39	16.33							
5	QPSK	12	7	16.23	16.23	16.20			10	0			
5	QPSK	12	13	16.25	16.31	16.26							
5	QPSK	12	24	16.31	16.37	16.34							
5	QPSK	1	0	16.37	16.30	16.27							
5	QPSK	1	12	16.31	16.25	16.14			10	0			
5	QPSK	12	0	16.34	16.30	16.30							
5	QPSK	12	7	16.31	16.27	16.17							
5	QPSK	12	13	16.34	16.29	16.29							
5	QPSK	25	0	16.26	16.29	16.26							
5	QPSK	1	0	16.31	16.39	16.30			10				
5	QPSK	1	12	16.34	16.42	16.30							
5	QPSK	1	24	16.24	16.37	16.31							
5	QPSK	12	0	16.32	16.31	16.32							
5	QPSK	12	7	16.33	16.43	16.32							
5	QPSK	12	13	16.27	16.33	16.30							
5	QPSK	25	0	16.29	16.39	16.37							

Band 38_Ant 31													
BW (MHz)	Modulation	RA Rate	RA Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-on time (sec)	MFR (dB)					
Channel													
Frequency (MHz)													
20	QPSK	1	0	24.05	24.04	24.07							
20	QPSK	1	0	24.02	24.05	24.00							
20	QPSK	1	0	24.11	24.24	24.21							
20	QPSK	50	0	23.75	23.87	23.79							
20	QPSK	50	0	23.99	23.95	23.97							
20	QPSK	50	0	23.98	23.72	23.99							
20	QPSK	100	0	23.96	23.75	23.61							
20	QPSK	1	0	24.02	24.06	24.04							
20	QPSK	1	0	24.17	24.21	24.07							
20	QPSK	1	0	24.00	24.15	24.12							
20	QPSK	50	0	23.99	23.97	23.91							
20	QPSK	50	0	24.05	24.03	24.00							
20	QPSK	50	0	24.05	24.03	24.00							
20	QPSK	100	0	23.99	24.03	24.01							
20	QPSK	1	0	23.94	24.05	24.00							
20	QPSK	1	0	23.94	24.05	24.00							
20	QPSK	50	0	24.02	24.03	24.00							
20	QPSK	50	0	24.04	24.07	24.04							
20	QPSK	50	0	24.04	24.07	24.04							
20	QPSK	50	0	24.04	24.05	24.02							
20	QPSK	50	0	24.04	24.05	24.02							
20	QPSK	50	0	24.04	24.05	24.02							
20	QPSK	100	0	24.02	24.06	24.00							
Channel													
Frequency (MHz)													
15	QPSK	1	0	24.00	24.02	24.00							
15	QPSK	1	0	24.02	24.07	24.02							
15	QPSK	1	0	24.02	24.07	24.02							
15	QPSK	1	0	24.02	24.07	24.02							
15	QPSK	50	0	23.70	23.75	23.69							
15	QPSK	50	0	23.97	23.90	23.92							
15	QPSK	50	0	23.97	23.90	23.92							
15	QPSK	50	0	23.92	23.84	23.92							
15	QPSK	75	0	23.94	23.88	23.91							
15	QPSK	75	0	24.03	24.00	24.00							
15	QPSK	1	0	24.05	24.17	23.97							
15	QPSK	1	0	23.98	24.13	23.97							
15	QPSK	50	0	23.99	23.97	23.91							
15	QPSK	50	0	24.05	24.03	24.00							
15	QPSK	50	0	24.05	24.03	24.00							
15	QPSK	100	0	23.99	24.03	24.01							
15	QPSK	1	0	23.94	24.05	24.00							
15	QPSK	1	0	23.94	24.05	24.00							
15	QPSK	50	0	24.02	24.03	24.00							
15	QPSK	50	0	24.04	24.07	24.04							
15	QPSK	50	0	24.04	24.07	24.04							
15	QPSK	50	0	24.04	24.05	24.02							
15	QPSK	50	0	24.04	24.05	24.02							
15	QPSK	50	0	24.04	24.05	24.02							
15	QPSK	100	0	24.02	24.06	24.00							
Channel													
Frequency (MHz)													
10	QPSK	1	0	24.05	24.04	24.07							
10	QPSK	1	0	24.02	24.05	24.00							
10	QPSK	1	0	24.11	24.24	24.21							
10	QPSK	50	0	23.75	23.87	23.79							
10	QPSK	50	0	23.99	23.95	23.97							
10	QPSK	50	0	23.98	23.72	23.99							
10	QPSK	100	0	23.96	23.75	23.61							
10	QPSK	1	0	24.02	24.06	24.04							
10	QPSK	1	0	24.17	24.21	24.07							
10	QPSK	1	0	24.00	24.15	24.12							
10	QPSK	50	0	23.99	23.97	23.91							
10	QPSK	50	0	24.05	24.03	24.00							
10	QPSK	50	0	24.05	24.03	24.00							
10	QPSK	100	0	23.99	24.03	24.01							
10	QPSK	1	0	23.94	24.05	24.00							
10	QPSK	1	0	23.94	24.05	24.00							
10	QPSK	50	0	24.02	24.03	24.00							
10	QPSK	50	0	24.04	24.07	24.04							
10	QPSK	50	0	24.04	24.07	24.04							
10	QPSK	50	0	24.04	24.05	24.02							
10	QPSK	50	0	24.04	24.05	24.02							
10	QPSK	50	0	24.04	24.05	24.02							
10	QPSK	100	0	24.02	24.06	24.00							
Channel													
Frequency (MHz)													
5	QPSK	1	0	24.05	24.04	24.07							
5	QPSK	1	0	24.02	24.05	24.00							
5	QPSK	1	0	24.11	24.24	24.21							
5	QPSK	50	0	23.75	23.87	23.79							
5	QPSK	50	0	23.99	23.95	23.97							
5	QPSK	50	0	23.98	23.72	23.99							
5	QPSK	100	0	23.96	23.75	23.61							
5	QPSK	1	0	24.02	24.06	24.04							
5	QPSK	1	0	24.17	24.21	24.07							
5	QPSK	1	0	24.00	24.15	24.12							
5	QPSK	50	0	23.99	23.97	23.91							
5	QPSK	50	0	24.05	24.03	24.00							
5	QPSK	50	0	24.05	24.03	24.00							
5	QPSK	100	0	23.99	24.03	24.01							
5	QPSK	1	0	23.94	24.05	24.00							
5	QPSK	1	0	23.94	24.05	24.00							
5	QPSK	50	0	24.02	24.03	24.00							
5	QPSK	50	0	24.04	24.07	24.04							
5	QPSK	50	0	24.04	24.07	24.04							
5	QPSK	50	0	24.04	24.05	24.02							
5	QPSK	50	0	24.04	24.05	24.02							
5	QPSK	50	0	24.04	24.05	24.02							
5	QPSK	100	0	24.02	24.06	24.00							
5	QPSK	12	75	22.25	22.45	22.35							
5	QPSK	12	15	22.34	22.28	22.27							
5	QPSK	12	75	22.25	22.45	22.35							
5	QPSK	12	15	22.34	22.28	22.27							

Reduced Power Mode for DSI6

GSM850_Ant_13		Burst Average Power (dBm)			Frame-Average Power (dBm)				
TX Channel		128	189	251	Tune-up Limit (dBm)	128	189	251	Tune-up Limit (dBm)
Frequency (MHz)		824.2	836.4	848.8	824.2	836.4	848.8	824.2	836.4
GSM 1 Tx slot		32.50	32.53	32.54	33.50	23.50	23.53	23.54	24.50
GPRS 1 Tx slot		32.37	32.45	32.53	33.50	23.37	23.45	23.53	24.50
GPRS 2 Tx slots		30.33	30.59	30.47	31.50	24.33	24.56	24.47	25.50
GPRS 3 Tx slots		28.75	28.89	29.02	29.50	24.49	24.63	24.76	25.24
GPRS 4 Tx slots		26.70	26.92	27.01	28.00	23.70	23.92	24.01	25.00
EDGE(GMSK 1 Tx slot)		32.24	32.37	32.30	33.50	23.24	23.37	23.30	24.50
EDGE(GMSK 2 Tx slot)		30.28	30.39	30.32	31.50	24.28	24.39	24.32	25.50
EDGE(GMSK 3 Tx slot)		28.75	28.80	28.86	29.50	24.49	24.54	24.40	25.24
EDGE(GMSK 4 Tx slot)		26.68	26.73	26.82	28.00	23.68	23.73	23.82	25.00
EDGE 1 Tx slot		27.51	27.60	27.54	28.00	18.51	18.60	18.54	19.00
EDGE 2 Tx slots		28.20	28.24	28.10	26.50	20.20	20.24	20.10	20.50
EDGE 3 Tx slots		24.14	24.22	24.19	24.50	19.88	19.96	19.93	20.24
EDGE 4 Tx slots		22.00	22.15	22.02	22.50	19.00	19.15	19.02	19.50

GSM1900_Ant_13		Burst Average Power (dBm)			Tune-up		Frame-Average Power (dBm)		
TX Channel		512	661	810	Limit	512	661	810	Limit
Frequency (MHz)		1852.2	1853	1853.8	(dBm)	1852.2	1853	1853.8	(dBm)
GSM 1 Tx slot		29.01	28.96	29.04	29.50	20.01	19.98	20.04	20.50
GPRS 1 Tx slot		28.96	28.80	28.94	29.50	19.96	19.80	19.94	20.50
GPRS 2 Tx slots		27.12	27.20	27.19	27.50	21.12	21.20	21.19	21.50
GPRS 3 Tx slots		25.17	25.08	25.16	25.50	20.91	20.82	20.90	21.24
GPRS 4 Tx slots		23.15	23.09	23.14	24.00	20.15	20.09	20.14	21.00
EDGE(GMSK 1 Tx slot)		28.93	28.75	28.93	29.50	19.93	19.75	19.93	20.50
EDGE(GMSK 2 Tx slot)		27.21	27.05	27.12	27.50	21.21	21.05	21.12	21.50
EDGE(GMSK 3 Tx slot)		25.04	24.97	25.12	25.50	20.78	20.71	20.86	21.24
EDGE(GMSK 4 Tx slot)		23.04	23.08	23.02	24.00	20.04	20.08	20.02	21.00
EDGE 1 Tx slot		26.38	26.53	26.51	27.00	17.38	17.53	17.51	18.00
EDGE 2 Tx slots		24.80	24.94	24.85	25.50	18.86	18.94	18.85	19.00
EDGE 3 Tx slots		23.13	23.27	23.28	23.50	18.67	19.01	19.02	19.24
EDGE 4 Tx slots		21.68	21.62	21.61	22.00	18.68	18.62	18.61	19.00

Band		WCDMA R_Ant_13				WCDMA R_Ant_31			
TX Channel		9262	9400	9538	Tune-up Limit (dBm)	9262	9400	9538	Tune-up Limit (dBm)
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1860	1907.6		1852.4	1860	1907.6	
3GPP Rel 99	AMC 12.2kps	21.33	21.56	21.58	22.00	21.23	21.40	21.33	21.50
3GPP Rel 99	RMC 12.2kps	21.41	21.63	21.60	22.00	21.27	21.42	21.37	21.50
3GPP Rel 6	HS2PA-Subset1	19.48	19.63	19.47	21.00	19.37	19.40	19.21	20.50
3GPP Rel 6	HS2PA-Subset2	18.83	18.91	18.80	20.50	18.54	18.73	18.51	20.00
3GPP Rel 6	HS2PA-Subset3	18.53	18.55	18.42	20.00	18.23	18.32	18.40	19.50
3GPP Rel 6	HS2PA-Subset4	18.61	18.68	18.58	20.00	18.34	18.47	18.30	19.50
3GPP Rel 6	DS-HSPA-Subset1	19.37	19.65	19.42	21.00	18.33	18.30	18.20	20.50
3GPP Rel 6	DS-HSPA-Subset2	18.93	18.94	18.98	20.50	18.49	18.56	18.48	20.00
3GPP Rel 6	DS-HSPA-Subset3	18.58	18.54	18.25	20.00	18.07	18.33	18.27	19.50
3GPP Rel 6	DS-HSPA-Subset4	18.51	18.61	18.32	20.00	18.30	18.43	18.32	19.50
3GPP Rel 6	HSU4A-Subset1	17.29	17.37	17.45	19.00	16.90	16.93	16.89	18.50
3GPP Rel 6	HSU4A-Subset2	18.03	17.93	17.95	18.50	17.43	16.82	16.73	18.30
3GPP Rel 6	HSU4A-Subset3	17.34	17.66	18.09	18.50	16.70	16.60	16.57	18.00
3GPP Rel 6	HSU4A-Subset4	17.40	17.60	17.44	18.00	16.88	16.70	16.48	17.50
3GPP Rel 6	HSU4A-Subset5	19.85	20.03	20.04	21.00	19.20	19.19	19.26	20.50
3GPP Rel 7	HSU4A+ (HSPA-M) Sub-set1	19.73	20.07	19.96	21.00	19.20	19.02	19.10	20.50

Band		WCDMA V_Ant_31			WCDMA V_Ant_31			Tune-up Limit	
TX Channel		4132	4182	4233	Tune-up Limit (dBm)	4132	4182	4233	Tune-up Limit (dBm)
Rx Channel		4357	4407	4458	4357	4407	4458	4357	4407
Frequency (MHz)		826.4	836.4	846.6	826.4	836.4	846.6	826.4	836.4
3GPP Rel 99	AMC 12.2Kbps	23.97	24.05	24.04	25.00	24.12	24.23	24.11	25.00
3GPP Rel 99	RMC 12.2Kbps	24.03	24.06	24.05	25.00	24.18	24.24	24.13	25.00
3GPP Rel 6	HS-DSA Subset-1	22.51	22.59	22.52	24.00	22.63	22.67	22.66	24.00
3GPP Rel 6	HS-DSA Subset-2	22.07	22.22	22.20	23.50	22.32	22.36	22.31	23.50
3GPP Rel 6	HS-DSA Subset-3	21.74	21.84	21.71	23.50	21.88	21.95	21.87	23.50
3GPP Rel 6	HS-DSA Subset-4	21.70	21.73	21.69	23.40	21.79	21.88	21.78	23.40
3GPP Rel 6	DS-SSMA Subset-1	22.46	22.56	22.45	24.00	22.50	22.62	22.64	24.00
3GPP Rel 6	DS-SSMA Subset-2	21.93	22.18	22.17	23.50	22.18	22.22	22.28	23.50
3GPP Rel 6	DS-SSMA Subset-3	21.68	21.79	21.70	23.50	21.78	21.83	21.78	23.50
3GPP Rel 6	DS-SSMA Subset-4	21.64	21.70	21.63	23.40	21.67	21.67	21.67	23.40
3GPP Rel 6	HS-SSA Subset-1	20.56	20.57	20.56	22.50	20.42	20.43	20.56	22.50
3GPP Rel 6	HS-SSA Subset-2	21.00	21.04	21.09	23.50	21.05	21.05	21.01	23.00
3GPP Rel 6	HS-SSA Subset-3	21.00	21.02	20.88	22.50	20.94	20.97	20.83	22.50
3GPP Rel 6	HS-SSA Subset-4	20.78	20.59	20.88	21.50	20.68	20.47	20.74	21.80
3GPP Rel 6	HS-SSA Subset-5	23.00	23.10	22.90	24.50	22.96	23.00	22.85	24.50
3GPP Rel 7	HS-PA (HSPA) Subset-1	22.92	22.99	22.75	24.00	22.94	22.87	22.80	24.00

GSM850_Ant_31		Base Average Power (dBm)			Frame-Average Power (dBm)					
Tx Channel		128	189	251	Tune-up Limit (dBm)		128	189	251	Tune-up Limit (dBm)
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8		824.2
GSM 1 Tx slot		32.40	32.47	32.53	33.50	23.40	23.47	23.53	24.50	
GPRS 1 Tx slot		32.39	32.46	32.51	33.50	23.39	23.46	23.51	24.50	
GPRS 2 Tx slots		30.36	30.59	30.52	31.50	24.36	24.59	24.52	25.50	
GPRS 3 Tx slots		28.75	28.87	28.98	29.50	24.49	24.61	24.72	25.24	
GPRS 4 Tx slots		26.63	26.79	26.96	28.00	23.63	23.79	23.96	25.00	
EDGE(GMSK 1 Tx slot)		32.46	32.47	32.41	33.50	23.46	23.47	23.41	24.50	
EDGE(GMSK 2 Tx slot)		30.36	30.46	30.42	31.50	24.36	24.46	24.42	25.50	
EDGE(GMSK 3 Tx slot)		28.77	28.87	28.92	29.50	24.51	24.61	24.58	25.24	
EDGE(GMSK 4 Tx slot)		26.65	26.79	26.66	28.00	23.65	23.79	23.66	25.00	
EDGE 1 Tx slot		27.28	27.38	27.30	28.00	18.28	18.38	18.30	19.00	
EDGE 2 Tx slots		26.45	26.49	26.35	26.50	20.45	20.49	20.35	20.50	
EDGE 3 Tx slots		24.39	24.47	24.44	24.50	20.13	20.21	20.18	20.24	
EDGE 4 Tx slots		21.95	22.03	22.02	22.50	18.95	19.03	19.02	19.50	

GSM1900_Ant_31				Frame-Average Power (dBm)				
Tx Channel	512	661	810	Tune-up Limit	512	661	810	Tune-up Limit
Frequency (MHz)	1852.2	1853	1853.8	1852.2	1853	1853.8	1852.2	1853
GSM 1 Tx slot	29.25	29.14	29.85	29.50	20.25	20.14	19.86	20.50
GPRS 1 Tx slot	29.20	29.11	28.84	29.50	20.20	20.11	19.84	20.50
GPRS 2 Tx slots	27.37	27.39	27.10	27.50	21.37	21.39	21.10	21.50
GPRS 3 Tx slots	25.43	25.35	25.16	25.50	21.17	21.09	20.90	21.24
GPRS 4 Tx slots	23.42	23.38	23.24	24.00	20.42	20.38	20.24	21.00
EDGE(GMSK 1 Tx slot)	29.11	29.08	28.74	29.50	20.11	20.08	19.74	20.50
EDGE(GMSK 2 Tx slot)	27.35	27.24	27.04	27.50	21.35	21.24	21.04	21.50
EDGE(GMSK 3 Tx slot)	25.37	25.21	25.13	25.50	21.11	20.96	20.87	21.24
EDGE(GMSK 4 Tx slot)	23.30	23.25	23.17	24.00	20.30	20.25	20.17	21.00
EDGE 1 Tx slot	26.79	26.87	26.73	27.00	17.79	17.87	17.73	18.00
EDGE 2 Tx slots	24.93	24.94	24.99	25.00	18.93	18.94	18.99	19.00
EDGE 3 Tx slots	23.46	23.49	23.48	23.50	19.20	19.23	19.22	19.24
EDGE 4 Tx slots	21.94	21.94	21.97	22.00	18.94	18.94	18.97	19.00

Band		WCDMA R_Ant_31				WCDMA R_Ant_31			
TX Channel	Rx Channel	1312	1413	1513	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)
	Frequency (MHz)	1537	1638	1738		1537	1638	1738	
		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.71	20.74	20.71	21.50	21.04	21.12	21.02	21.50
3GPP Rel 99	HSMA 12.2Kbps	20.77	20.78	20.75	21.50	21.16	21.17	21.15	21.50
3GPP Rel 6	HSUSPA Subset-1	20.43	20.49	20.33	20.50	20.07	20.07	19.98	20.50
3GPP Rel 6	HSUSPA Subset-2	19.13	19.30	19.27	20.00	18.89	19.02	18.90	20.00
3GPP Rel 6	HSUSPA Subset-3	18.98	18.94	18.94	19.50	17.78	17.72	17.73	19.50
3GPP Rel 6	HSUSPA Subset-4	18.85	18.88	18.77	19.50	17.71	17.71	17.74	19.50
3GPP Rel 6	DC-HSUSPA Subset-1	20.36	20.39	20.20	20.50	20.02	19.95	19.74	20.00
3GPP Rel 6	DC-HSUSPA Subset-2	19.04	19.21	19.10	20.00	18.81	18.77	18.85	20.00
3GPP Rel 6	HSUSPA Subset-1	18.92	18.90	18.93	19.50	17.76	17.70	17.79	19.50
3GPP Rel 6	HSUSPA Subset-2	18.69	18.73	18.79	19.50	17.71	17.81	17.66	19.50
3GPP Rel 6	HSUSPA Subset-3	16.99	16.87	16.61	16.50	16.77	16.82	16.67	16.50
3GPP Rel 6	HSUSPA Subset-4	17.26	17.47	17.37	16.30	17.32	17.43	17.39	16.30
3GPP Rel 6	HSUSPA Subset-5	16.71	17.80	17.18	16.00	16.65	17.57	17.21	16.00
3GPP Rel 6	HSUSPA Subset-6	16.39	16.97	16.67	17.40	16.43	16.88	16.72	16.40
3GPP Rel 6	HSUSPA Subset-7	19.34	19.41	19.36	20.00	19.40	19.48	19.45	20.00
3GPP Rel 6	HSUSPA+ (16QAM) Subset-1	20.30	19.23	19.17	20.50	19.18	19.29	19.33	20.50

Band 2_Ant 13										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Power (dBm)	Power Mid Power (dBm)	Power High Power (dBm)	Time-unit (min)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	20.95	21.21	21.38				
20	QPSK	1	49	20.80	21.19	21.10	21.5	0		
20	QPSK	1	98	20.85	21.17	21.07				
20	QPSK	50	24	20.90	21.07	21.08				
20	QPSK	50	73	20.85	21.12	21.04	21.5	0		
20	QPSK	100	0	20.90	21.11	21.10				
20	16QAM	1	0	20.94	21.11	21.07				
20	16QAM	1	49	20.90	21.08	21.16	21.5	0		
20	16QAM	1	98	20.85	21.07	21.08				
20	16QAM	50	0	20.92	21.08	21.17				
20	16QAM	50	24	20.89	21.17	21.15				
20	16QAM	50	73	20.82	21.10	21.07	21.5	0		
20	16QAM	100	0	20.86	21.17	21.17				
20	64QAM	1	0	20.86	21.06	21.10				
20	64QAM	1	49	20.88	21.18	21.14	21.5	0		
20	64QAM	1	98	20.90	21.18	21.09				
20	64QAM	50	0	20.89	21.15	21.11				
20	64QAM	50	24	20.94	21.15	21.09				
20	64QAM	50	73	20.89	21.14	21.16	21.5	0		
20	64QAM	100	0	20.85	21.15	21.06				
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.74	18.82	19.02				
15	QPSK	1	37	18.84	19.09	19.08	21.5	0		
15	QPSK	1	74	20.88	21.18	20.97				
15	QPSK	36	0	20.75	21.13	21.05				
15	QPSK	36	26	20.67	20.98	20.93	21.5	0		
15	QPSK	36	39	20.81	21.06	21.02				
15	QPSK	75	0	20.85	21.05	20.99				
15	16QAM	1	0	20.88	21.02	20.94				
15	16QAM	1	37	20.76	20.95	21.03	21.5	0		
15	16QAM	1	74	20.67	21.14	21.02				
15	16QAM	36	0	20.79	21.02	21.02				
15	16QAM	36	26	20.74	21.08	21.06	21.5	0		
15	16QAM	36	39	20.83	21.15	21.03				
15	16QAM	75	0	20.78	21.04	21.15				
15	64QAM	1	0	20.83	21.02	20.99				
15	64QAM	1	37	20.87	21.05	21.01	21.5	0		
15	64QAM	1	74	20.83	20.84	21.04				
15	64QAM	36	0	20.86	21.05	20.98				
15	64QAM	36	26	20.81	21.07	21.03	21.5	0		
15	64QAM	36	39	20.83	21.11	21.03				
15	64QAM	75	0	20.74	21.00	20.98				
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.60	18.60	19.10				
10	QPSK	1	26	20.71	21.11	20.99	21.5	0		
10	QPSK	1	49	20.87	21.16	20.95				
10	QPSK	1	73	20.84	21.16	21.03				
10	QPSK	25	12	20.79	21.00	21.03				
10	QPSK	25	29	20.82	21.02	21.00	21.5	0		
10	QPSK	50	0	20.81	21.00	21.01				
10	16QAM	1	0	20.88	21.02	20.93				
10	16QAM	1	26	20.81	21.03	21.06	21.5	0		
10	16QAM	1	49	20.85	21.11	21.02				
10	16QAM	25	12	20.86	21.11	21.12				
10	16QAM	25	29	20.89	21.16	20.99	21.5	0		
10	16QAM	50	0	20.77	21.02	21.15				
10	16QAM	50	26	20.72	21.05	21.10	21.5	0		
10	16QAM	50	49	20.75	21.07	21.11				
10	16QAM	75	0	20.84	21.08	21.07				
10	64QAM	1	0	20.77	21.04	21.17	21.5	0		
10	64QAM	1	26	20.75	21.07	21.11				
10	64QAM	1	49	20.76	21.07	21.11				
10	64QAM	25	12	20.80	21.03	21.07	21.5	0		
10	64QAM	25	29	20.85	21.14	21.12				
10	64QAM	50	0	20.79	21.07	20.99				
Channel										
Frequency (MHz)										
5	QPSK	1	0	20.86	21.10	21.12				
5	QPSK	1	12	20.71	21.07	20.96	21.5	0		
5	QPSK	1	24	20.78	21.14	21.04				
5	QPSK	12	7	20.65	21.06	20.95				
5	QPSK	12	19	20.76	21.11	21.03	21.5	0		
5	QPSK	25	0	20.75	20.97	21.02				
5	16QAM	1	0	20.84	21.04	20.97				
5	16QAM	1	12	20.83	21.06	21.01	21.5	0		
5	16QAM	1	24	20.70	21.07	21.04				
5	16QAM	12	0	20.85	20.98	21.02				
5	16QAM	12	7	20.82	21.02	21.11	21.5	0		
5	16QAM	12	19	20.83	21.04	21.06				
5	16QAM	25	0	20.81	21.15	21.06				
5	64QAM	1	0	20.78	20.97	21.01				
5	64QAM	1	12	20.82	21.04	21.10	21.5	0		
5	64QAM	1	24	20.75	21.02	21.06				
5	64QAM	12	0	20.85	21.05	21.10				
5	64QAM	12	7	20.82	21.12	21.01	21.5	0		
5	64QAM	12	19	20.84	21.12	21.14				
5	64QAM	25	0	20.84	21.09	20.95				
Channel										
Frequency (MHz)										
3	QPSK	1	0	18.615	18.800	19.055				
3	QPSK	1	8	18.667	19.134	19.117	21.5	0		
3	QPSK	1	16	20.82	21.044	21.033				
3	QPSK	8	0	20.75	21.14	21.04	21.5	0		
3	QPSK	8	4	20.68	20.99	20.94				
3	QPSK	8	7	20.71	20.99	21.02	21.5	0		
3	QPSK	15	0	20.87	20.99	21.02				
3	16QAM	1	0	20.80	21.00	20.92				
3	16QAM	1	8	20.81	21.07	21.02	21.5	0		
3	16QAM	1	16	20.75	21.12	20.99				
3	16QAM	8	0	20.89	21.04	21.16	21.5	0		
3	16QAM	8	4	20.88	21.05	21.12				
3	16QAM	8	7	20.87	21.07	21.05	21.5	0		
3	16QAM	15	0	20.85	21.12	21.12				
3	64QAM	1	0	20.78	21.01	21.06	21.5	0		
3	64QAM	1	8	20.77	21.11	21.03				
3	64QAM	1	16	20.83	21.11	21.08	21.5	0		
3	64QAM	8	0	20.77	21.11	21.03				
3	64QAM	8	4	20.85	21.17	21.06	21.5	0		
3	64QAM	8	7	20.76	21.06	21.02				
3	64QAM	15	0	20.82	21.12	21.09				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	20.94	21.06	21.13				
1.4	QPSK	1	3	20.85	21.06	21.09	21.5	0		
1.4	QPSK	1	5	20.80	21.06	21.03				
1.4	QPSK	1	8	20.78	21.01	21.07				
1.4	QPSK	3	1	20.77	21.04	21.02				
1.4	QPSK	3	3	20.84	21.09	20.91	21.5	0		
1.4	QPSK	3	5	20.78	21.07	20.99				
1.4	16QAM	1	0	20.86	21.08	21.04				
1.4	16QAM	1	3	20.80	21.06	21.03	21.5	0		
1.4	16QAM	1	5	20.78	21.06	20.95				
1.4	16QAM	3	1	20.79	21.04	21.01				
1.4	16QAM	3	3	20.80	21.03	21.03	21.5	0		
1.4	16QAM	3	5	20.88	21.10	21.10				
1.4	16QAM	3	8	20.81	21.07	21.04	21.5	0		
1.4	16QAM	15	0	20.82	21.02	21.04				
1.4	64QAM	1	0	20.84	21.08	21.03				
1.4	64QAM	1	3	20.77	21.06	21.14	21.5	0		
1.4	64QAM	1	5	20.80	21.12	20.99				
1.4	64QAM	3	1	20.92	21.08	21.03				
1.4	64QAM	3	3	20.77	21.13	21.01	21.5	0		

Band 2_Ant 31										
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power High Ch (dBm)	Power High (dBm)	Turn-on time (ms)	MPR (dB)		
Channel										
Frequency (MHz)							18700	18900	19100	
20	QPSK	1	0	21.38	21.47	21.43				
20	QPSK	1	49	21.38	21.38	21.34	21.5	0		
20	QPSK	1	98	21.37	21.38	21.38				
20	QPSK	50	0	21.37	21.43	21.38				
20	QPSK	50	24	21.36	21.41	21.31	21.5	0		
20	QPSK	50	49	21.35	21.40	21.33				
20	QPSK	100	0	21.28	21.42	21.37				
20	16QAM	1	0	21.30	21.32	21.31				
20	16QAM	1	49	21.36	21.40	21.33	21.5	0		
20	16QAM	1	98	21.28	21.40	21.33				
20	16QAM	50	0	21.23	21.42	21.28				
20	16QAM	50	24	21.28	21.34	21.35	21.5	0		
20	16QAM	50	49	21.27	21.40	21.34				
20	16QAM	100	0	21.28	21.45	21.34				
20	8QAM	1	0	21.32	21.43	21.39				
20	8QAM	1	49	21.28	21.42	21.35	21.5	0		
20	8QAM	1	98	21.32	21.44	21.37				
20	8QAM	50	0	21.33	21.33	21.37				
20	8QAM	50	24	21.23	21.43	21.41	21.5	0		
20	8QAM	50	49	21.33	21.45	21.36				
20	8QAM	100	0	21.36	21.32	21.30				
Channel										
Frequency (MHz)							18650	18900	19125	
15	QPSK	1	0	21.25	21.45	21.39				
15	QPSK	1	37	21.24	21.45	21.39	21.5	0		
15	QPSK	1	74	21.23	21.34	21.23				
15	QPSK	36	0	21.35	21.36	21.35	21.5	0		
15	QPSK	36	37	21.26	21.37	21.28				
15	QPSK	36	39	21.23	21.25	21.27				
15	QPSK	75	0	21.16	21.30	21.33				
15	16QAM	1	0	21.22	21.28	21.23	21.5	0		
15	16QAM	1	37	21.34	21.38	21.34				
15	16QAM	1	74	21.27	21.33	21.35				
15	16QAM	36	0	21.22	21.30	21.27	21.5	0		
15	16QAM	36	37	21.22	21.33	21.21				
15	16QAM	36	39	21.15	21.37	21.23				
15	16QAM	75	0	21.16	21.33	21.21	21.5	0		
15	16QAM	75	0	21.26	21.32	21.22				
15	16QAM	75	37	21.23	21.28	21.23	21.5	0		
15	8QAM	1	74	21.17	21.42	21.14				
15	8QAM	36	0	21.18	21.32	21.28	21.5	0		
15	8QAM	36	25	21.20	21.32	21.24				
15	8QAM	36	39	21.20	21.31	21.25	21.5	0		
15	8QAM	75	0	21.26	21.20	21.24				
Channel										
Frequency (MHz)							18650	18900	19150	
10	QPSK	1	0	21.26	21.32	21.38				
10	QPSK	1	25	21.17	21.21	21.26	21.5	0		
10	QPSK	1	49	21.19	21.30	21.27				
10	QPSK	1	74	21.28	21.32	21.28				
10	QPSK	25	12	21.25	21.33	21.17	21.5	0		
10	QPSK	25	25	21.16	21.24	21.30				
10	QPSK	50	0	21.19	21.27	21.34				
10	QPSK	50	25	21.28	21.32	21.16	21.5	0		
10	16QAM	1	25	21.32	21.36	21.32				
10	16QAM	1	49	21.14	21.35	21.32				
10	16QAM	25	12	21.08	21.27	21.21	21.5	0		
10	16QAM	25	12	21.13	21.23	21.34				
10	16QAM	25	25	21.17	21.37	21.28				
10	16QAM	50	0	21.22	21.34	21.23	21.5	0		
10	16QAM	50	25	21.28	21.34	21.23				
10	8QAM	1	25	21.11	21.28	21.32	21.5	0		
10	8QAM	1	49	21.22	21.31	21.21				
10	8QAM	25	12	21.31	21.25	21.25	21.5	0		
10	8QAM	25	12	21.17	21.35	21.27				
10	8QAM	25	25	21.27	21.34	21.31				
10	8QAM	50	0	21.31	21.25	21.25	21.5	0		
Channel										
Frequency (MHz)							18625	18900	19175	
5	QPSK	1	0	21.27	21.45	21.32				
5	QPSK	1	12	21.22	21.24	21.24	21.5	0		
5	QPSK	1	24	21.24	21.34	21.25				
5	QPSK	12	0	21.24	21.35	21.25				
5	QPSK	12	7	21.34	21.35	21.25	21.5	0		
5	QPSK	12	15	21.16	21.34	21.28				
5	QPSK	25	0	21.28	21.27	21.32				
5	16QAM	1	0	21.28	21.28	21.18	21.5	0		
5	16QAM	1	12	21.33	21.29	21.20				
5	16QAM	1	24	21.22	21.31	21.21				
5	16QAM	12	0	21.09	21.39	21.21	21.5	0		
5	16QAM	12	7	21.21	21.33	21.30				
5	16QAM	12	15	21.26	21.38	21.29	21.5	0		
5	16QAM	25	0	21.27	21.42	21.23				
5	8QAM	1	0	21.24	21.40	21.41				
5	8QAM	1	12	21.20	21.36	21.23	21.5	0		
5	8QAM	1	24	21.17	21.43	21.43				
5	8QAM	12	0	21.19	21.32	21.24				
5	8QAM	12	7	21.18	21.36	21.39	21.5	0		
5	8QAM	12	15	21.31	21.25	21.22				
5	8QAM	25	0	21.29	21.17	21.26				
Channel										
Frequency (MHz)							18615	18900	19065	
3	QPSK	1	0	21.26	21.41	21.35				
3	QPSK	1	12	21.28	21.28	21.28	21.5	0		
3	QPSK	1	14	21.30	21.35	21.23				
3	QPSK	8	0	21.31	21.33	21.27	21.5	0		
3	QPSK	8	7	21.31	21.38	21.29				
3	QPSK	8	7	21.27	21.23	21.20				
3	QPSK	15	0	21.15	21.38	21.30				
3	16QAM	1	0	21.19	21.30	21.23	21.5	0		
3	16QAM	1	12	21.30	21.31	21.23				
3	16QAM	1	14	21.17	21.32	21.28				
3	16QAM	8	0	21.22	21.28	21.23	21.5	0		
3	16QAM	8	7	21.18	21.32	21.28				
3	16QAM	8	7	21.22	21.18	21.24				
3	16QAM	15	0	21.18	21.38	21.23				
3	8QAM	1	0	21.22	21.36	21.27	21.5	0		
3	8QAM	1	12	21.16	21.27	21.23				
3	8QAM	1	14	21.24	21.37	21.23				
3	8QAM	8	0	21.27	21.30	21.23	21.5	0		
3	8QAM	8	7	21.31	21.40	21.28				
3	8QAM	8	7	21.27	21.43	21.28				
3	8QAM	15	0	21.23	21.30	21.19				
Channel										
Frequency (MHz)							18607	18900	19193	
1.4	QPSK	1	0	21.35	21.41	21.31				
1.4	QPSK	1	5	21.25	21.27	21.19	21.5	0		
1.4	QPSK	1	3	21.28	21.23	21.17				
1.4	QPSK	3	0	21.35	21.28	21.24				
1.4	QPSK	3	1	21.30	21.40	21.21				
1.4	QPSK	3	3	21.23	21.28	21.25	21.5	0		
1.4	QPSK	6	0	21.16	21.36	21.36				
1.4	16QAM	1	0	21.24	21.17	21.18	21.5	0		
1.4	16QAM	1	3	21.27	21.28	21.23				
1.4	16QAM	1	5	21.18	21.37	21.28				
1.4	16QAM	3	0	21.17	21.31	21.21	21.5	0		
1.4	16QAM	3	1	21.23	21.21	21.20				
1.4	16QAM	3	3	21.13	21.28	21.19				
1.4	16QAM	6	0	21.22	21.40	21.32	21.5	0		
1.4	8QAM	1	0	21.22	21.41	21.32				
1.4	8QAM	1	3	21.21	21.38	21.29				
1.4	8QAM	1	5	21.27	21.31	21.14	21.5	0		
1.4	8QAM	3	0	21.21	21.21	21.21				
1.4	8QAM	3	1	21.12	21.28	21.29				
1.4	8QAM	3	3	21.28	21.38	21.21				

Band 4_Ant 13										
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Power (dBm)	Power Med Power (dBm)	Power High Power (dBm)	Turn-on time (ms)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	20.93	20.92	20.98				
20	QPSK	1	49	20.86	20.92	20.98			21.5	0
20	QPSK	50	0	20.87	20.91	20.98				
20	QPSK	50	0	20.80	20.88	20.98				
20	QPSK	50	24	20.80	20.78	20.79			21.5	0
20	QPSK	50	24	20.73	20.79	20.79				
20	QPSK	100	0	20.81	20.85	20.81				
20	16QAM	1	0	20.72	20.89	20.75				
20	16QAM	1	49	20.77	20.79	20.77			21.5	0
20	16QAM	50	0	20.77	20.81	20.78				
20	16QAM	50	0	20.75	20.84	20.78				
20	16QAM	50	24	20.80	20.83	20.78			21.5	0
20	16QAM	50	24	20.75	20.80	20.78				
20	16QAM	100	0	20.76	20.86	20.80				
20	64QAM	1	0	20.82	20.82	20.82				
20	64QAM	1	49	20.75	20.80	20.83			21.5	0
20	64QAM	50	0	20.72	20.87	20.77				
20	64QAM	50	0	20.68	20.80	20.78				
20	64QAM	50	24	20.73	20.82	20.77			21.5	0
20	64QAM	50	24	20.74	20.84	20.86				
20	64QAM	100	0	20.68	20.87	20.78				
Channel										
Frequency (MHz)										
20	QPSK	1	0	20.905	20.915	20.925	Turn-on time (ms)	MPR (dB)		
15	QPSK	1	0	17.175	17.225	17.475				
15	QPSK	1	0	20.87	20.85	20.71			21.5	0
15	QPSK	1	34	20.87	20.79	20.72				
15	QPSK	1	74	20.61	20.78	20.76			21.5	0
15	QPSK	36	0	20.66	20.78	20.71				
15	QPSK	36	0	20.56	20.78	20.71				
15	QPSK	36	39	20.71	20.69	20.71				
15	QPSK	75	0	20.73	20.71	20.76				
15	16QAM	1	0	20.69	20.81	20.74			21.5	0
15	16QAM	1	34	20.75	20.75	20.84				
15	16QAM	1	74	20.62	20.88	20.71				
15	16QAM	36	0	20.67	20.69	20.75			21.5	0
15	16QAM	36	0	20.67	20.71	20.68				
15	16QAM	36	39	20.66	20.84	20.60				
15	16QAM	75	0	20.64	20.84	20.73				
15	64QAM	1	0	20.79	20.74	20.77			21.5	0
15	64QAM	1	34	20.71	20.77	20.72				
15	64QAM	1	74	20.70	20.85	20.67				
15	64QAM	36	0	20.64	20.71	20.68			21.5	0
15	64QAM	36	0	20.59	20.77	20.66				
15	64QAM	36	39	20.66	20.75	20.73				
15	64QAM	75	0	20.63	20.72	20.73	Turn-on time (ms)	MPR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	20.76	20.84	20.79				
10	QPSK	1	28	20.71	20.77	20.68			21.5	0
10	QPSK	1	49	20.61	20.82	20.76				
10	QPSK	1	49	20.61	20.82	20.76				
10	QPSK	25	12	20.62	20.71	20.68			21.5	0
10	QPSK	25	29	20.64	20.67	20.60				
10	QPSK	50	0	20.69	20.77	20.77				
10	QPSK	50	0	20.65	20.80	20.69				
10	16QAM	1	28	20.76	20.69	20.75			21.5	0
10	16QAM	1	49	20.62	20.86	20.63				
10	16QAM	25	12	20.62	20.71	20.69				
10	16QAM	25	12	20.78	20.82	20.69			21.5	0
10	16QAM	25	29	20.72	20.85	20.70				
10	16QAM	50	0	20.62	20.73	20.76			21.5	0
10	16QAM	50	0	20.74	20.81	20.75				
10	16QAM	1	28	20.73	20.81	20.70			21.5	0
10	16QAM	1	49	20.63	20.79	20.69				
10	16QAM	25	12	20.60	20.79	20.69				
10	16QAM	25	12	20.72	20.75	20.80			21.5	0
10	16QAM	50	0	20.59	20.73	20.75				
Channel										
Frequency (MHz)										
5	QPSK	1	0	20.74	20.89	20.77				
5	QPSK	1	12	20.64	20.84	20.72			21.5	0
5	QPSK	1	12	20.70	20.75	20.72				
5	QPSK	12	0	20.70	20.81	20.77				
5	QPSK	12	7	20.62	20.64	20.75			21.5	0
5	QPSK	12	13	20.69	20.72	20.71				
5	QPSK	25	0	20.66	20.82	20.78				
5	16QAM	1	0	20.70	20.79	20.72				
5	16QAM	1	12	20.63	20.73	20.72			21.5	0
5	16QAM	1	12	20.63	20.72	20.69				
5	16QAM	12	0	20.72	20.82	20.69				
5	16QAM	12	7	20.66	20.75	20.73			21.5	0
5	16QAM	12	13	20.72	20.80	20.84				
5	16QAM	25	0	20.61	20.83	20.78			21.5	0
5	64QAM	1	0	20.75	20.73	20.78				
5	64QAM	1	12	20.72	20.82	20.74			21.5	0
5	64QAM	1	12	20.84	20.76	20.87				
5	64QAM	12	0	20.55	20.78	20.75				
5	64QAM	12	7	20.68	20.80	20.69			21.5	0
5	64QAM	12	13	20.84	20.77	20.89				
5	64QAM	25	0	20.58	20.77	20.65				
Channel										
Frequency (MHz)										
3	QPSK	1	0	20.71	20.82	20.79	Turn-on time (ms)	MPR (dB)		
3	QPSK	1	8	20.64	20.85	20.77				
3	QPSK	1	14	20.59	20.81	20.73			21.5	0
3	QPSK	8	0	20.73	20.75	20.75				
3	QPSK	8	0	20.61	20.83	20.75				
3	QPSK	8	7	20.60	20.70	20.61				
3	QPSK	15	0	20.69	20.74	20.70				
3	16QAM	1	0	20.71	20.80	20.71			21.5	0
3	16QAM	1	8	20.63	20.77	20.77				
3	16QAM	1	14	20.69	20.81	20.67				
3	16QAM	8	0	20.61	20.83	20.65			21.5	0
3	16QAM	8	7	20.74	20.77	20.64				
3	16QAM	8	7	20.64	20.85	20.68				
3	16QAM	15	0	20.73	20.80	20.72				
3	64QAM	1	0	20.68	20.80	20.71			21.5	0
3	64QAM	1	8	20.61	20.79	20.78				
3	64QAM	1	14	20.63	20.86	20.62				
3	64QAM	8	0	20.60	20.70	20.65			21.5	0
3	64QAM	8	7	20.65	20.77	20.68				
3	64QAM	8	7	20.73	20.80	20.83				
3	64QAM	15	0	20.60	20.82	20.63	Turn-on time (ms)	MPR (dB)		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	20.78	20.88	20.82				
1.4	QPSK	1	3	20.61	20.81	20.66			21.5	0
1.4	QPSK	1	5	20.67	20.90	20.62				
1.4	QPSK	1	3	20.73	20.75	20.82				
1.4	QPSK	3	1	20.57	20.64	20.64				
1.4	QPSK	3	3	20.63	20.68	20.63			21.5	0
1.4	QPSK	3	5	20.79	20.80	20.73				
1.4	16QAM	1	3	20.68	20.73	20.76				
1.4	16QAM	1	5	20.76	20.78	20.71			21.5	0
1.4	16QAM	3	1	20.70	20.77	20.73				
1.4	16QAM	3	1	20.69	20.73	20.73				
1.4	16QAM	3	3	20.63	20.76	20.60			21.5	0
1.4	16QAM	3	5	20.71	20.79	20.75				
1.4	16QAM	5	0	20.69	20.67	20.81				
1.4	64QAM	1	3	20.60	20.79	20.68				
1.4	64QAM	1	5	20.59	20.73	20.69			21.5	0
1.4	64QAM	3	1	20.66	20.75	20.65				
1.4	64QAM	3	1	20.63	20.75	20.65				
1.4	64QAM	3	3	20.70	20.71	20.83	Turn-on time (ms)	MPR (dB)		

Band 4_Ant 31										
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low (dBm)	Power Med (dBm)	Power High (dBm)	Turn-on time (s/min)	MPR (dB)		
Channel										
Frequency (MHz)				2020	2075	20300				
20	QPSK	1	0	21.21	21.23	21.21				
20	QPSK	1	49	21.10	21.05	21.17			21.5	0
20	QPSK	1	21	21.13	21.17	21.21				
20	QPSK	50	0	21.18	21.22	21.15				
20	QPSK	50	24	21.06	21.20	21.10			21.5	0
20	QPSK	50	21	21.17	21.21	21.18				
20	QPSK	100	0	21.10	21.20	21.06				
20	16QAM	1	0	21.20	21.16	21.10				
20	16QAM	1	49	21.14	21.09	21.10			21.5	0
20	16QAM	1	21	21.17	21.21	21.16				
20	16QAM	50	0	21.06	21.10	21.10				
20	16QAM	50	24	21.08	21.11	21.12				
20	16QAM	50	21	21.08	21.12	21.05			21.5	0
20	16QAM	100	0	21.07	21.11	21.17				
20	64QAM	1	0	21.13	21.19	21.07				
20	64QAM	1	49	21.08	21.09	21.10			21.5	0
20	64QAM	1	21	21.08	21.14	21.10				
20	64QAM	50	0	21.11	21.11	21.06				
20	64QAM	50	24	21.20	21.09	21.19			21.5	0
20	64QAM	50	21	21.17	21.21	21.16				
20	64QAM	100	0	21.14	21.21	21.20				
Channel										
Frequency (MHz)				20205	20775	20325	Turn-on time (s/min)	MPR (dB)		
Frequency (MHz) <td>1717.5</td> <td>1722.5</td> <td>1747.5</td> <td></td> <td></td> <td></td> <td></td>				1717.5	1722.5	1747.5				
15	QPSK	1	0	21.12	21.10	21.18			21.5	0
15	QPSK	1	49	21.15	21.05	21.08				
15	QPSK	1	74	21.06	21.20	21.15				
15	QPSK	36	0	21.09	21.12	21.13				
15	QPSK	36	24	21.04	21.11	21.06				
15	QPSK	36	39	21.11	21.06	20.99				
15	QPSK	75	0	20.95	21.14	20.98				
15	16QAM	1	0	21.12	21.14	21.08				
15	16QAM	1	49	21.06	20.99	21.02			21.5	0
15	16QAM	1	74	21.16	21.09	21.07				
15	16QAM	36	0	20.91	20.95	20.99				
15	16QAM	36	24	21.02	21.05	21.04			21.5	0
15	16QAM	36	39	21.07	20.98	21.05				
15	16QAM	75	0	21.05	21.10	21.11				
15	64QAM	1	0	20.98	21.08	21.02			21.5	0
15	64QAM	1	49	21.06	21.09	21.04				
15	64QAM	1	74	21.01	21.12	20.98				
15	64QAM	36	0	20.88	20.98	20.94			21.5	0
15	64QAM	36	24	21.05	20.98	21.14				
15	64QAM	36	39	21.09	21.11	21.05				
15	64QAM	75	0	21.11	21.19	21.12				
Channel										
Frequency (MHz)				18200	20775	20350	Turn-on time (s/min)	MPR (dB)		
10	QPSK	1	0	21.09	21.10	21.14			21.5	0
10	QPSK	1	28	21.09	21.00	21.10				
10	QPSK	1	48	21.11	21.20	21.09				
10	QPSK	1	21	21.16	21.13	21.10				
10	QPSK	25	12	21.02	21.19	21.09				
10	QPSK	25	28	21.16	21.14	21.07				
10	QPSK	50	0	21.06	21.07	21.08			21.5	0
10	QPSK	50	16	21.09	21.03	21.00				
10	16QAM	1	28	20.99	21.03	21.00				
10	16QAM	1	48	21.09	21.06	21.08				
10	16QAM	1	21	21.01	21.10	21.04			21.5	0
10	16QAM	25	12	21.06	21.07	21.07				
10	16QAM	25	28	21.01	21.02	21.04				
10	16QAM	50	0	20.92	21.07	21.14				
10	16QAM	50	16	20.93	20.97	21.06			21.5	0
10	16QAM	1	28	21.03	20.97	21.04				
10	16QAM	1	48	21.03	20.97	21.04				
10	16QAM	25	12	21.16	21.08	21.09				
10	16QAM	25	28	21.14	21.03	21.05			21.5	0
10	16QAM	50	0	21.13	21.11	21.17				
Channel										
Frequency (MHz)				19275	19252.5	19252.5	Turn-on time (s/min)	MPR (dB)		
5	QPSK	1	0	21.16	21.19	21.06				
5	QPSK	1	12	21.11	21.06	21.14			21.5	0
5	QPSK	1	24	20.99	21.11	21.15				
5	QPSK	12	0	21.17	21.19	21.14				
5	QPSK	12	7	21.04	21.05	20.99				
5	QPSK	15	15	21.15	21.13	21.03				
5	QPSK	25	0	20.96	21.08	21.01				
5	16QAM	1	0	21.14	21.13	21.01				
5	16QAM	1	12	21.11	21.07	21.04			21.5	0
5	16QAM	1	24	21.03	21.08	21.11				
5	16QAM	12	0	21.00	21.03	21.03				
5	16QAM	12	7	21.03	21.05	20.98				
5	16QAM	12	15	20.98	21.07	21.06				
5	16QAM	25	0	20.98	21.04	21.06				
5	64QAM	1	12	21.02	21.07	21.11			21.5	0
5	64QAM	1	24	21.01	21.08	21.06				
5	64QAM	12	0	20.96	21.01	20.96				
5	64QAM	12	7	21.07	20.97	21.07			21.5	0
5	64QAM	12	15	21.02	21.06	21.05				
5	64QAM	25	0	21.00	21.08	21.17				
Channel										
Frequency (MHz)				19695 <td>20775</td> <td>20385</td> <th>Turn-on time (s/min)</th> <th>MPR (dB)</th> <th colspan="2"></th>	20775	20385	Turn-on time (s/min)	MPR (dB)		
3	QPSK	1	0	21.11	21.15	21.09				
3	QPSK	1	14	21.14	21.08	21.16			21.5	0
3	QPSK	1	14	21.00	21.17	21.14				
3	QPSK	8	0	21.11	21.13	21.06				
3	QPSK	8	7	21.08	21.11	21.03				
3	QPSK	8	7	21.02	21.17	21.11			21.5	0
3	QPSK	15	0	20.96	21.11	20.93				
3	16QAM	1	0	21.18	21.11	21.06				
3	16QAM	1	14	21.12	21.05	21.08			21.5	0
3	16QAM	1	14	21.01	21.19	21.16				
3	16QAM	1	14	21.11	20.99	21.08				
3	16QAM	8	0	20.97	21.00	20.95				
3	16QAM	8	7	21.04	20.97	21.01				
3	16QAM	8	7	20.93	21.00	21.07			21.5	0
3	16QAM	15	0	21.05	21.06	21.11				
3	64QAM	1	0	21.07	21.10	21.00				
3	64QAM	1	14	21.06	21.07	21.08			21.5	0
3	64QAM	1	14	20.92	21.06	21.03				
3	64QAM	8	0	21.08	20.97	21.03				
3	64QAM	8	7	21.10	21.05	21.05			21.5	0
3	64QAM	8	7	21.09	21.03	21.15				
3	64QAM	15	0	21.03	21.11	21.13				
Channel										
Frequency (MHz)				19937 <td>20775</td> <td>20303</td>	20775	20303	Turn-on time (s/min)	MPR (dB)		
1.4	QPSK	1	0	21.12	21.22.5	21.18.5				
1.4	QPSK	1	3	21.14	21.06	21.10			21.5	0
1.4	QPSK	1	5	21.10	21.17	21.05				
1.4	QPSK	1	21	21.16	21.09	21.11				
1.4	QPSK	3	3	21.09	21.17	20.96				
1.4	QPSK	3	3	21.04	21.11	21.11				
1.4	QPSK	8	0	21.06	21.07	20.95			21.5	0
1.4	16QAM	1	0	21.15	21.16	21.08				
1.4	16QAM	3	3	21.09	20.98	20.97				
1.4	16QAM	1	5	21.06	21.02	21.15			21.5	0
1.4	16QAM	3	3	21.05	21.07	21.05				
1.4	16QAM	3	3	21.02	21.07	21.02				
1.4	16QAM	3	3	21.06	21.08	21.05			21.5	0
1.4	16QAM	8	0	21.08	20.97	21.03				
1.4	16QAM	8	0	21.10	20.97	21.05				
1.4	16QAM	8	0	21.08	21.02	21.09			21.5	0
1.4	64QAM	1	0	20.98	20.98	21.10				
1.4	64QAM	1	3	21.03	20.96	21.09			21.5	0
1.4	64QAM	3	1	21.08	20.95	21.14				
1.4	64QAM	3	3	21.04	21.09	21.09				

Band 5_Ant 13											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				8295	8365	844					
10	QPSK	1	0	24.35	24.37	24.27	25	0			
10	QPSK	1	25	24.29	24.32	24.17					
10	QPSK	1	49	24.20	24.23	24.22					
10	QPSK	25	0	23.02	23.08	23.03					
10	QPSK	25	25	23.54	23.63	23.62					
10	QPSK	50	0	23.53	23.63	23.65	24.5	0.5			
10	16QAM	1	0	24.25	24.26	24.15					
10	16QAM	1	25	23.97	24.10	23.96					
10	16QAM	1	49	23.90	24.03	24.01					
10	16QAM	25	0	23.17	23.28	23.16					
10	16QAM	25	12	23.21	23.21	23.17	23.5	1.5			
10	16QAM	25	25	23.16	23.24	23.11					
10	16QAM	50	0	23.22	23.26	23.21					
10	64QAM	1	0	23.21	23.24	23.21					
10	64QAM	1	25	23.07	23.21	23.19					
10	64QAM	1	49	23.17	23.22	23.08	22.5	2.5			
10	64QAM	25	0	22.18	22.22	22.22					
10	64QAM	25	12	22.26	22.27	22.17					
10	64QAM	25	25	22.04	22.16	22.01					
10	64QAM	50	0	22.21	22.23	22.19					
10	64QAM	50	0	22.21	22.23	22.19					
Channel											
Frequency (MHz)				8245	8365	846.5	Time-up limit (dBm)			MPR (dB)	
5	QPSK	1	0	24.20	24.30	24.24	25	0			
5	QPSK	1	12	24.18	24.30	24.09					
5	QPSK	1	24	24.17	24.19	24.09					
5	QPSK	12	0	23.48	23.57	23.50					
5	QPSK	12	13	23.52	23.62	23.49					
5	QPSK	12	13	23.40	23.62	23.55	24.5	0.5			
5	QPSK	25	0	23.45	23.57	23.42					
5	16QAM	1	0	24.12	24.14	24.06					
5	16QAM	1	12	23.88	24.09	23.89					
5	16QAM	1	24	23.89	23.92	23.97					
5	16QAM	12	0	23.07	23.18	23.12	23.5	1.5			
5	16QAM	12	7	23.07	23.09	23.05					
5	16QAM	12	13	23.06	23.15	23.06					
5	16QAM	25	0	23.13	23.21	23.09					
5	64QAM	1	0	23.20	23.22	23.15					
5	64QAM	1	12	22.95	23.15	23.05	23.5	1.5			
5	64QAM	1	24	23.16	23.18	22.94					
5	64QAM	12	0	22.12	22.15	22.19					
5	64QAM	12	7	22.17	22.21	22.08					
5	64QAM	12	13	21.91	22.06	21.99					
5	64QAM	25	0	22.12	22.09	22.11	22.5	2.5			
5	64QAM	25	12	22.07	22.12	22.07					
5	64QAM	25	25	22.02	22.09	22.11					
5	64QAM	50	0	22.15	22.05	22.11					
5	64QAM	50	12	22.07	22.09	22.11					
5	64QAM	50	12	22.07	22.09	22.11					
Channel											
Frequency (MHz)				8215	8365	847.5	Time-up limit (dBm)			MPR (dB)	
3	QPSK	1	0	24.34	24.32	24.20	25	0			
3	QPSK	1	8	24.26	24.19	24.05					
3	QPSK	1	14	24.15	24.19	24.14					
3	QPSK	8	0	23.57	23.67	23.54					
3	QPSK	8	4	23.59	23.55	23.42					
3	QPSK	8	7	23.42	23.62	23.36	24.5	0.5			
3	QPSK	15	0	23.91	23.86	23.47					
3	16QAM	1	0	24.15	24.24	24.13					
3	16QAM	1	8	23.94	24.09	23.90					
3	16QAM	1	14	23.84	23.88	23.99					
3	16QAM	8	0	23.09	23.20	23.06	23.5	1.5			
3	16QAM	8	4	23.09	23.07	23.06					
3	16QAM	8	7	23.12	23.13	22.87					
3	16QAM	15	0	23.06	23.11	23.10					
3	16QAM	15	0	23.18	23.11	23.08					
3	64QAM	1	8	22.82	23.19	23.05	23.5	1.5			
3	64QAM	1	14	23.15	23.16	22.95					
3	64QAM	8	0	22.09	22.12	22.09					
3	64QAM	8	4	22.13	22.24	22.09					
3	64QAM	8	7	21.99	22.13	21.90					
3	64QAM	15	0	22.13	22.16	22.12	22.5	2.5			
3	64QAM	15	0	22.13	22.16	22.12					
3	64QAM	15	0	22.13	22.16	22.12					
3	64QAM	15	0	22.13	22.16	22.12					
3	64QAM	15	0	22.13	22.16	22.12					
3	64QAM	15	0	22.13	22.16	22.12					
Channel											
Frequency (MHz)				824.7	836.5	848.3	Time-up limit (dBm)			MPR (dB)	
1.4	QPSK	1	0	24.25	24.26	24.18	25	0			
1.4	QPSK	1	3	24.17	24.20	24.04					
1.4	QPSK	1	5	24.13	24.13	24.14					
1.4	QPSK	3	0	24.36	24.28	24.12					
1.4	QPSK	3	1	24.21	24.24	24.09					
1.4	QPSK	3	3	24.16	24.14	24.15	24.5	0.5			
1.4	QPSK	6	0	23.47	23.50	23.53					
1.4	16QAM	1	0	23.86	23.86	23.74					
1.4	16QAM	1	3	23.55	23.67	23.53					
1.4	16QAM	1	5	23.96	23.86	23.76					
1.4	16QAM	3	0	23.80	23.53	23.62	24.5	0.5			
1.4	16QAM	3	1	23.54	23.56	23.44					
1.4	16QAM	3	3	23.45	23.52	23.55					
1.4	16QAM	6	0	22.75	22.87	22.75					
1.4	64QAM	1	0	22.79	22.85	22.88					
1.4	64QAM	1	3	22.65	22.87	22.74	23.5	1.5			
1.4	64QAM	1	5	22.74	22.81	22.79					
1.4	64QAM	3	0	22.76	22.83	22.73					
1.4	64QAM	3	1	22.75	22.79	22.72					
1.4	64QAM	3	3	22.79	22.87	22.79					
1.4	64QAM	6	0	21.86	21.81	21.82	22.5	2.5			
1.4	64QAM	6	0	21.86	21.81	21.82					
1.4	64QAM	6	0	21.86	21.81	21.82					
1.4	64QAM	6	0	21.86	21.81	21.82					
1.4	64QAM	6	0	21.86	21.81	21.82					

Band 5_Ant 31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20450	20525	20600			
				829	836.5	844			
10	QPSK	1	0	23.68	23.77	23.65	25	0	
10	QPSK	1	25	23.68	23.77	23.65			
10	QPSK	1	49	23.45	23.60	23.48			
10	QPSK	25	0	22.57	23.03	22.57			
10	QPSK	25	12	22.79	22.87	22.73			
10	QPSK	25	25	22.53	23.02	22.58	24.5	0.5	
10	QPSK	50	0	22.77	22.81	22.67			
10	16QAM	1	0	23.44	23.57	23.44			
10	16QAM	1	25	23.28	23.33	23.29			
10	16QAM	1	49	23.37	23.41	23.29			
10	16QAM	25	0	22.27	22.33	22.18	23.5	1.5	
10	16QAM	25	12	22.65	22.66	22.61			
10	16QAM	25	25	22.30	22.36	22.21			
10	16QAM	50	0	22.72	22.74	22.70			
10	64QAM	1	0	22.76	22.86	22.75			
10	64QAM	1	25	22.74	22.84	22.83	23.5	1.5	
10	64QAM	1	49	22.50	22.62	22.60			
10	64QAM	25	0	21.55	21.61	21.54			
10	64QAM	25	12	21.62	21.73	21.64	22.5	2.5	
10	64QAM	25	25	21.64	21.65	21.64			
10	64QAM	50	0	21.59	21.71	21.72			
Channel									
Frequency (MHz)				20425 <th>20500<th>20575<th>Turn-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	20500 <th>20575<th>Turn-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	20575 <th>Turn-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Turn-up limit (dBm)	MPR (dB)	
				826.5 <th>836.5<th>846.5<th></th><th></th><th></th></th></th>	836.5 <th>846.5<th></th><th></th><th></th></th>	846.5 <th></th> <th></th> <th></th>			
5	QPSK	1	0	23.65	23.75	23.56	25	0	
5	QPSK	1	12	23.50	23.59	23.44			
5	QPSK	1	24	23.43	23.52	23.37			
5	QPSK	12	0	22.87	23.01	22.90			
5	QPSK	12	7	22.87	22.72	22.62			
5	QPSK	12	13	22.88	22.90	22.83	24.5	0.5	
5	QPSK	25	0	22.66	22.74	22.60			
5	16QAM	1	0	23.41	23.51	23.43			
5	16QAM	1	12	23.25	23.33	23.24			
5	16QAM	1	24	23.38	23.48	23.24			
5	16QAM	12	0	22.19	22.31	22.15	23.5	1.5	
5	16QAM	12	7	22.56	22.52	22.54			
5	16QAM	12	13	22.22	22.25	22.15			
5	16QAM	25	0	22.72	22.72	22.67			
5	64QAM	1	0	22.66	22.77	22.67			
5	64QAM	1	12	22.88	22.73	22.81	23.5	1.5	
5	64QAM	1	24	22.87	22.80	22.80			
5	64QAM	12	0	21.45	21.60	21.47			
5	64QAM	12	7	21.52	21.59	21.51	22.5	2.5	
5	64QAM	12	13	21.56	21.56	21.52			
5	64QAM	25	0	21.50	21.65	21.52			
Channel									
Frequency (MHz)				20415 <th>20500<th>20603</th><th>Turn-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	20500 <th>20603</th> <th>Turn-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	20603	Turn-up limit (dBm)	MPR (dB)	
				825.5 <th>836.5<th>847.5</th><th></th><th></th><th></th></th>	836.5 <th>847.5</th> <th></th> <th></th> <th></th>	847.5			
3	QPSK	1	0	23.62	23.75	23.61	25	0	
3	QPSK	1	1	23.52	23.65	23.53			
3	QPSK	1	14	23.37	23.56	23.38			
3	QPSK	8	0	22.84	23.00	22.94			
3	QPSK	8	4	22.77	22.80	22.68			
3	QPSK	8	7	22.78	22.73	22.64	24.5	0.5	
3	QPSK	15	0	22.70	22.75	22.57			
3	16QAM	1	0	23.31	23.56	23.35			
3	16QAM	1	8	23.13	23.30	23.18			
3	16QAM	1	15	23.20	23.29	23.18			
3	16QAM	8	0	22.18	22.29	22.13	23.5	1.5	
3	16QAM	8	4	22.59	22.54	22.57			
3	16QAM	8	7	22.21	22.21	22.17			
3	16QAM	15	0	22.59	22.72	22.59			
3	64QAM	1	0	22.65	22.71	22.61			
3	64QAM	1	8	22.73	22.76	22.71	23.5	1.5	
3	64QAM	1	15	22.58	22.58	22.59			
3	64QAM	8	0	21.51	21.59	21.49			
3	64QAM	8	4	21.53	21.59	21.51	22.5	2.5	
3	64QAM	8	7	21.61	21.57	21.50			
3	64QAM	15	0	21.56	21.73	21.58			
Channel									
Frequency (MHz)				20420 <th>20525<th>20643</th><th>Turn-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	20525 <th>20643</th> <th>Turn-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	20643	Turn-up limit (dBm)	MPR (dB)	
				824 <th>836.5<th>848.3<th></th><th></th><th></th></th></th>	836.5 <th>848.3<th></th><th></th><th></th></th>	848.3 <th></th> <th></th> <th></th>			
1.4	QPSK	1	0	23.66	23.70	23.62	25	0	
1.4	QPSK	1	1	23.58	23.66	23.54			
1.4	QPSK	1	5	23.39	23.52	23.44			
1.4	QPSK	3	0	23.64	23.68	23.62			
1.4	QPSK	3	1	23.55	23.59	23.47			
1.4	QPSK	3	1	23.45	23.53	23.45	24.5	0.5	
1.4	QPSK	6	0	22.62	22.79	22.59			
1.4	16QAM	1	0	23.32	23.50	23.33			
1.4	16QAM	1	3	23.24	23.20	23.19			
1.4	16QAM	1	7	23.27	23.40	23.28			
1.4	16QAM	3	0	23.34	23.51	23.43	24.5	0.5	
1.4	16QAM	3	1	23.15	23.25	23.12			
1.4	16QAM	3	1	23.16	23.36	23.22			
1.4	16QAM	6	0	22.20	22.20	22.22			
1.4	64QAM	1	0	22.33	22.33	22.21			
1.4	64QAM	1	3	22.77	22.38	22.28	23.5	1.5	
1.4	64QAM	1	7	22.16	22.16	22.16			
1.4	64QAM	3	0	22.25	22.37	22.31			
1.4	64QAM	3	1	22.24	22.41	22.24			
1.4	64QAM	3	1	22.19	22.40	22.24			
1.4	64QAM	6	0	21.22	21.25	21.21	22.5	2.5	
1.4	64QAM	6	1	21.22	21.25	21.21			

Band 13_Ant 13												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				752								
10	QPSK	1	0	24.37	24.38	24.39	25	0				
10	QPSK	1	25	24.38	24.39	24.40						
10	QPSK	1	49	24.39	24.40	24.41						
10	QPSK	25	0	23.56	23.57	23.58	24	1				
10	QPSK	25	12	23.57	23.58	23.59						
10	QPSK	25	25	23.58	23.59	23.60						
10	QPSK	50	0	23.09	23.10	23.11	24.5	0.5				
10	16QAM	1	0	24.29	24.30	24.31						
10	16QAM	1	25	24.30	24.31	24.32						
10	16QAM	1	49	24.31	24.32	24.33	23.5	1.5				
10	16QAM	25	0	23.22	23.23	23.24						
10	16QAM	25	12	23.23	23.24	23.25						
10	16QAM	25	25	23.24	23.25	23.26	23.5	1.5				
10	16QAM	50	0	23.04	23.05	23.06						
10	64QAM	1	0	23.21	23.22	23.23	23.5	1.5				
10	64QAM	1	25	23.22	23.23	23.24						
10	64QAM	1	49	23.23	23.24	23.25						
10	64QAM	25	0	22.28	22.29	22.30	22.5	2.5				
10	64QAM	25	12	22.29	22.30	22.31						
10	64QAM	25	25	22.30	22.31	22.32						
10	64QAM	50	0	22.30	22.31	22.32						
Channel												
Frequency (MHz)				23005 23020 23055						Turn-up time (dBm)	MPR (dB)	
5	QPSK	1	0	24.30	24.32	24.32	25	0				
5	QPSK	1	12	24.13	24.19	24.19						
5	QPSK	1	24	24.29	24.21	24.29						
5	QPSK	12	0	23.46	23.53	23.49	24	1				
5	QPSK	12	7	23.50	23.43	23.37						
5	QPSK	12	13	23.37	23.48	23.43						
5	QPSK	25	0	23.59	23.59	23.53	24.5	0.5				
5	16QAM	1	0	24.27	24.26	24.17						
5	16QAM	1	12	24.23	24.09	24.20						
5	16QAM	1	24	24.18	24.12	24.11	23.5	1.5				
5	16QAM	12	0	23.11	23.15	23.13						
5	16QAM	12	7	23.25	23.17	23.17						
5	16QAM	12	13	23.13	23.14	23.09	23.5	1.5				
5	16QAM	25	0	22.86	23.01	22.85						
5	64QAM	1	0	23.07	23.20	23.10	23.5	1.5				
5	64QAM	1	12	23.11	23.20	23.15						
5	64QAM	1	24	23.16	23.08	23.12	22.5	2.5				
5	64QAM	12	0	22.25	22.21	22.17						
5	64QAM	12	7	22.29	22.23	22.20						
5	64QAM	12	13	22.24	22.24	22.23						
5	64QAM	25	0	22.25	22.20	22.23						

Band 13_Ant 31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPR (db)	
Channel				25320					
Frequency (MHz)				782					
10	QPSK	1	0		23.66		25		
10	QPSK	1	25		23.61				
10	QPSK	1	49		23.44				
10	QPSK	25	0		22.85		24	1	
10	QPSK	25	12		22.84				
10	QPSK	25	25		22.82				
10	QPSK	50	0		22.73		24	1	
10	16QAM	1	0		23.35				
10	16QAM	1	25		23.44				
10	16QAM	1	49		23.35		23	2	
10	16QAM	25	0		22.11				
10	16QAM	25	12		22.14				
10	16QAM	25	25		22.09		23	2	
10	16QAM	50	0		22.10				
10	64QAM	1	0		22.23		23	2	
10	64QAM	1	25		22.30				
10	64QAM	1	49		22.20		22	3	
10	64QAM	25	0		20.96				
10	64QAM	25	12		21.10				
10	64QAM	25	25		21.00				
10	64QAM	50	0		21.22				
Channel				23205	23230	23255	Turn-up time (dBm)	MPR (db)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0		23.59	23.58	25	0	
5	QPSK	1	12		23.51	23.47			
5	QPSK	1	24		23.42	23.30			
5	QPSK	12	0		22.83	22.83	24	1	
5	QPSK	12	7		22.80	22.84			
5	QPSK	12	13		22.49	22.47			
5	QPSK	25	0		22.67	22.63	24	1	
5	16QAM	1	0		23.23	23.34			
5	16QAM	1	12		23.38	23.37			
5	16QAM	1	24		23.50	23.44	23	2	
5	16QAM	12	0		22.94	22.99			
5	16QAM	12	7		23.09	23.12			
5	16QAM	12	13		22.07	22.00	23	2	
5	16QAM	25	0		21.99	22.02			
5	16QAM	1	0		22.21	22.13	23	2	
5	64QAM	1	12		22.19	22.22			
5	64QAM	1	24		22.05	22.08	22	3	
5	64QAM	12	0		20.89	20.87			
5	64QAM	12	7		21.09	21.02			
5	64QAM	12	13		20.85	20.85			
5	64QAM	25	0		21.17	21.20			

Band 26_Ant 13												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
				26765	26665	26665						
				821.5	831.5	841.5						
15	QPSK	1	0	24.28	24.38	24.37	25	0				
15	QPSK	1	37	24.23	24.34	24.30						
15	QPSK	1	74	24.32	24.32	24.37						
15	QPSK	36	0	23.03	23.73	23.71	24.5	0.5				
15	QPSK	36	20	23.68	23.71	23.70						
15	QPSK	36	39	23.55	23.64	23.55						
15	QPSK	75	0	23.71	23.73	23.70	24.5	0.5				
15	16QAM	1	0	24.10	24.21	24.20						
15	16QAM	1	37	24.13	24.26	24.14						
15	16QAM	1	74	24.20	24.23	24.22	23.5	1.5				
15	16QAM	36	0	23.31	23.43	23.32						
15	16QAM	36	20	23.25	23.37	23.24						
15	16QAM	36	39	23.38	23.45	23.38	23.5	1.5				
15	16QAM	75	0	23.42	23.48	23.47						
15	64QAM	1	0	23.29	23.44	23.36	22.5	2.5				
15	64QAM	1	37	23.23	23.23	23.25						
15	64QAM	1	74	23.40	23.49	23.43						
15	64QAM	36	0	22.36	22.42	22.34	22.5	2.5				
15	64QAM	36	20	22.42	22.45	22.39						
15	64QAM	36	39	22.44	22.47	22.42						
15	64QAM	75	0	22.38	22.45	22.44						
Channel												
Frequency (MHz)												
				26740	26665	26665	Turn-up time (dBm)		MPR (dB)			
				819	831.5	844						
10	QPSK	1	0	24.22	24.23	24.23	25	0				
10	QPSK	1	25	24.17	24.21	24.20						
10	QPSK	1	49	24.12	24.30	24.18						
10	QPSK	25	0	23.60	23.66	23.68	24.5	0.5				
10	QPSK	25	12	23.57	23.67	23.69						
10	QPSK	25	25	23.52	23.63	23.65						
10	QPSK	50	0	23.63	23.61	23.67	24.5	0.5				
10	16QAM	1	0	23.97	24.09	24.12						
10	16QAM	1	25	24.12	24.23	24.26						
10	16QAM	1	49	24.14	24.18	24.18	23.5	1.5				
10	16QAM	25	0	23.19	23.28	23.17						
10	16QAM	25	12	23.12	23.30	23.11						
10	16QAM	25	25	23.27	23.30	23.27	23.5	1.5				
10	16QAM	50	0	23.37	23.46	23.34						
10	64QAM	1	0	22.26	22.38	22.25	22.5	1.5				
10	64QAM	1	25	22.37	22.34	22.37						
10	64QAM	1	49	23.37	23.47	23.36						
10	64QAM	25	0	22.33	22.35	22.38	22.5	2.5				
10	64QAM	25	12	22.28	22.43	22.37						
10	64QAM	25	25	22.30	22.35	22.37						
10	64QAM	50	0	22.30	22.31	22.38						
Channel												
Frequency (MHz)												
				26715	26665	27015	Turn-up time (dBm)		MPR (dB)			
				816.5	831.5	846.5						
5	QPSK	1	0	24.18	24.28	24.28	25	0				
5	QPSK	1	12	24.21	24.24	24.20						
5	QPSK	1	24	24.06	24.19	24.10						
5	QPSK	12	0	23.62	23.71	23.63	24.5	0.5				
5	QPSK	12	13	23.54	23.69	23.64						
5	QPSK	12	25	23.54	23.69	23.64						
5	QPSK	25	0	23.61	23.65	23.64	24.5	0.5				
5	16QAM	1	0	24.11	24.15	24.12						
5	16QAM	1	12	24.05	24.13	24.08						
5	16QAM	1	24	24.17	24.18	24.17	23.5	1.5				
5	16QAM	12	0	23.24	23.34	23.26						
5	16QAM	12	13	23.24	23.33	23.25						
5	16QAM	12	25	23.24	23.33	23.25	23.5	1.5				
5	16QAM	25	0	23.29	23.41	23.36						
5	16QAM	25	13	23.28	23.43	23.32	22.5	2.5				
5	64QAM	1	0	23.15	23.32	23.13						
5	64QAM	1	12	23.15	23.32	23.13						
5	64QAM	1	24	23.31	23.38	23.32	22.5	2.5				
5	64QAM	12	0	22.36	22.27	22.24						
5	64QAM	12	13	22.36	22.42	22.31						
5	64QAM	12	25	22.33	22.43	22.30	22.5	2.5				
5	64QAM	25	0	22.33	22.43	22.40						
Channel												
Frequency (MHz)												
				26755	26665	27025	Turn-up time (dBm)		MPR (dB)			
				816.5	831.5	846.5						
3	QPSK	1	0	24.17	24.27	24.24	25	0				
3	QPSK	1	8	24.15	24.21	24.18						
3	QPSK	1	16	24.11	24.30	24.13						
3	QPSK	8	0	23.59	23.68	23.63	24.5	0.5				
3	QPSK	8	4	23.66	23.70	23.68						
3	QPSK	8	7	23.43	23.62	23.41						
3	QPSK	15	0	23.57	23.67	23.68	24.5	0.5				
3	QPSK	15	8	24.01	24.14	24.04						
3	16QAM	1	8	24.10	24.25	24.13						
3	16QAM	1	16	24.08	24.08	24.16	23.5	1.5				
3	16QAM	15	0	23.28	23.30	23.27						
3	16QAM	15	8	23.10	23.27	23.21						
3	64QAM	1	8	23.13	23.31	23.24	22.5	2.5				
3	64QAM	1	16	23.28	23.36	23.30						
3	64QAM	1	24	23.24	23.38	23.29						
3	64QAM	8	4	23.34	23.30	23.25	22.5	2.5				
3	64QAM	8	7	22.34	22.45	22.34						
3	64QAM	15	0	22.30	22.35	22.34						
Channel												
Frequency (MHz)												
				814.7	831.5	848.3	Turn-up time (dBm)		MPR (dB)			
1.4	QPSK	1	0	24.23	24.28	24.28	25	0				
1.4	QPSK	1	3	24.20	24.22	24.28						
1.4	QPSK	1	6	24.37	24.31	24.33						
1.4	QPSK	3	0	24.25	24.25	24.27	24.5	0.5				
1.4	QPSK	3	1	24.20	24.27	24.21						
1.4	QPSK	3	3	24.14	24.20	24.21						
1.4	QPSK	6	0	23.59	23.68	23.64	24.5	0.5				
1.4	16QAM	1	3	23.50	23.61	23.61						
1.4	16QAM	1	6	23.71	23.64	23.64						
1.4	16QAM	3	0	23.66	23.68	23.67	23.5	1.5				
1.4	16QAM	3	1	23.57	23.68	23.69						
1.4	16QAM	3	3	23.57	23.64	23.62						
1.4	64QAM	1	3	22.86	22.96	22.82	22.5	1.5				
1.4	64QAM	1	6	22.74	22.86	22.81						
1.4	64QAM	1	9	22.71	22.82	22.87						
1.4	64QAM	3	0	22.79	22.82	22.79	22.5	1.5				
1.4	64QAM	3	1	22.87	22.84	22.77						
1.4	64QAM	3	3	22.78	22.80	22.78						
1.4	64QAM	3	3	22.79	22.87	22.75	22.5	2.5				
				26780	26665	26665				Turn-up time (dBm)		MPR (dB)
				819	831.5	844						

Band 66_Ant 13											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq Co.	Power Mid Ch / Freq Co.	Power High Ch / Freq Co.	Turn-up limit (dBm)	MPR (dB)			
Channel 132072 132322 132572											
Frequency (MHz)											
20	QPSK	1	0	20.83	20.89	20.88	21.5	0			
20	QPSK	1	48	20.72	20.74	20.73					
20	QPSK	1	96	20.80	20.74	20.84					
20	QPSK	50	0	20.75	20.82	20.78					
20	QPSK	50	24	20.77	20.74	20.77	21.5	0			
20	QPSK	100	0	20.77	20.80	20.76					
20	16QAM	1	0	20.73	20.75	20.87					
20	16QAM	1	48	20.68	20.74	20.87					
20	16QAM	1	96	20.82	20.85	20.83	21.5	0			
20	16QAM	50	0	20.79	20.82	20.74					
20	16QAM	50	24	20.72	20.75	20.83					
20	16QAM	50	50	20.71	20.76	20.80					
20	16QAM	100	0	20.76	20.82	20.77	21.5	0			
20	64QAM	1	0	20.79	20.85	20.84					
20	64QAM	1	48	20.72	20.83	20.77					
20	64QAM	1	96	20.74	20.81	20.77					
20	64QAM	50	0	20.79	20.85	20.75	21.5	0			
20	64QAM	50	24	20.69	20.85	20.77					
20	64QAM	50	50	20.79	20.82	20.76					
20	64QAM	100	0	20.70	20.77	20.80					
Channel 132047 132322 132597											
Frequency (MHz)											
15	QPSK	1	0	20.73	20.75	20.75	21.5	0			
15	QPSK	1	37	20.60	20.65	20.79					
15	QPSK	1	74	20.74	20.63	20.73					
15	QPSK	36	0	20.69	20.69	20.77					
15	QPSK	36	20	20.64	20.66	20.69	21.5	0			
15	QPSK	36	39	20.65	20.61	20.65					
15	QPSK	75	0	20.69	20.71	20.74					
15	16QAM	1	0	20.68	20.74	20.85					
15	16QAM	1	37	20.55	20.66	20.83	21.5	0			
15	16QAM	1	74	20.75	20.83	20.72					
15	16QAM	36	0	20.78	20.73	20.64					
15	16QAM	36	20	20.64	20.64	20.69					
15	16QAM	36	39	20.64	20.64	20.69	21.5	0			
15	16QAM	75	0	20.71	20.78	20.72					
15	64QAM	1	0	20.72	20.75	20.72					
15	64QAM	1	37	20.70	20.82	20.76					
15	64QAM	1	74	20.69	20.74	20.67	21.5	0			
15	64QAM	36	0	20.69	20.77	20.69					
15	64QAM	36	20	20.60	20.63	20.67					
15	64QAM	36	39	20.65	20.72	20.65					
15	64QAM	75	0	20.66	20.69	20.75	21.5	0			
Channel 132022 132322 132592											
Frequency (MHz)											
10	QPSK	1	0	20.81	20.86	20.74	21.5	0			
10	QPSK	1	25	20.67	20.70	20.72					
10	QPSK	1	49	20.73	20.61	20.76					
10	QPSK	25	0	20.77	20.67	20.63					
10	QPSK	25	12	20.65	20.67	20.72	21.5	0			
10	QPSK	25	25	20.67	20.61	20.74					
10	QPSK	50	0	20.69	20.67	20.64					
10	16QAM	1	0	20.68	20.60	20.80					
10	16QAM	1	25	20.62	20.65	20.63	21.5	0			
10	16QAM	1	49	20.72	20.77	20.70					
10	16QAM	25	0	20.75	20.78	20.72					
10	16QAM	25	12	20.68	20.65	20.78					
10	16QAM	25	25	20.67	20.65	20.77	21.5	0			
10	16QAM	50	0	20.71	20.75	20.73					
10	64QAM	1	0	20.74	20.73	20.77					
10	64QAM	1	25	20.62	20.76	20.72					
10	64QAM	1	49	20.70	20.75	20.64	21.5	0			
10	64QAM	25	0	20.65	20.78	20.68					
10	64QAM	25	12	20.60	20.82	20.73					
10	64QAM	25	25	20.74	20.78	20.66					
10	64QAM	50	0	20.61	20.70	20.67	21.5	0			
Channel 131957 132322 132647											
Frequency (MHz)											
5	QPSK	1	0	20.81	20.87	20.78	21.5	0			
5	QPSK	1	12	20.66	20.81	20.77					
5	QPSK	1	24	20.77	20.81	20.77					
5	QPSK	12	0	20.74	20.78	20.68					
5	QPSK	12	7	20.67	20.59	20.68	21.5	0			
5	QPSK	12	13	20.68	20.73	20.68					
5	QPSK	25	0	20.70	20.73	20.68					
5	16QAM	1	0	20.59	20.70	20.77					
5	16QAM	1	12	20.54	20.83	20.79	21.5	0			
5	16QAM	1	24	20.76	20.76	20.79					
5	16QAM	12	0	20.65	20.73	20.73					
5	16QAM	12	7	20.58	20.68	20.76					
5	16QAM	12	13	20.65	20.67	20.68	21.5	0			
5	16QAM	25	0	20.67	20.79	20.68					
5	64QAM	1	0	20.64	20.71	20.79					
5	64QAM	1	12	20.69	20.71	20.70					
5	64QAM	1	24	20.66	20.68	20.74	21.5	0			
5	64QAM	12	0	20.65	20.73	20.68					
5	64QAM	12	7	20.54	20.84	20.66					
5	64QAM	12	13	20.74	20.76	20.70					
5	64QAM	25	0	20.55	20.65	20.78	21.5	0			
Channel 131987 132322 132657											
Frequency (MHz)											
3	QPSK	1	0	20.82	20.80	20.75	21.5	0			
3	QPSK	1	4	20.70	20.67	20.70					
3	QPSK	1	14	20.70	20.72	20.79					
3	QPSK	8	0	20.66	20.76	20.67					
3	QPSK	8	4	20.72	20.68	20.72	21.5	0			
3	QPSK	8	7	20.70	20.74	20.72					
3	QPSK	15	0	20.68	20.65	20.73					
3	16QAM	1	0	20.67	20.60	20.75					
3	16QAM	1	8	20.67	20.69	20.79	21.5	0			
3	16QAM	1	14	20.78	20.79	20.72					
3	16QAM	8	0	20.77	20.76	20.67					
3	16QAM	8	4	20.70	20.69	20.74					
3	16QAM	8	7	20.67	20.65	20.67	21.5	0			
3	16QAM	15	0	20.61	20.79	20.63					
3	64QAM	1	0	20.65	20.70	20.63					
3	64QAM	1	8	20.63	20.79	20.63					
3	64QAM	1	14	20.72	20.68	20.75	21.5	0			
3	64QAM	8	0	20.78	20.80	20.68					
3	64QAM	8	4	20.56	20.83	20.64					
3	64QAM	8	7	20.66	20.72	20.63					
3	64QAM	15	0	20.65	20.65	20.66	21.5	0			
Channel 131979 132322 132665											
Frequency (MHz)											
1.4	QPSK	1	0	20.78	20.84	20.85	21.5	0			
1.4	QPSK	1	3	20.61	20.69	20.77					
1.4	QPSK	1	5	20.65	20.72	20.78					
1.4	QPSK	3	0	20.68	20.68	20.65					
1.4	QPSK	3	1	20.78	20.65	20.67	21.5	0			
1.4	QPSK	3	1	20.75	20.65	20.67					
1.4	QPSK	3	3	20.62	20.64	20.73					
1.4	QPSK	3	5	20.64	20.75	20.75					
1.4	16QAM	1	0	20.63	20.71	20.72	21.5	0			
1.4	16QAM	1	3	20.58	20.66	20.82					
1.4	16QAM	1	5	20.61	20.75	20.75					
1.4	16QAM	3	0	20.68	20.68	20.65					
1.4	16QAM	3	1	20.68	20.64	20.70	21.5	0			
1.4	16QAM	3	3	20.65	20.71	20.66					
1.4	16QAM	3	5	20.71	20.75	20.75					
1.4	64QAM	1	0	20.65	20.71	20.77					
1.4	64QAM	1	3	20.63	20.70	20.73	21.5	0			
1.4	64QAM	1	5	20.59	20.66	20.70					
1.4	64QAM	3	0	20.74	20.77	20.69					
1.4	64QAM	3	1	20.66	20.72	20.66					
1.4	64QAM	3	3	20.66	20.68	20.61	21.5	0			

Band 38_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Frac)	Power Med Ch (Frac)	Power High Ch (Frac)	Turn-up (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	19.72	19.81	19.71			
20	QPSK	1	80	19.83	19.86	19.80		20.5	0
20	QPSK	1	80	19.75	19.80	19.80			
20	QPSK	50	0	19.72	19.79	19.80			
20	QPSK	50	24	19.74	19.75	19.83		20.5	0
20	QPSK	50	50	19.87	19.74	19.80			
20	QPSK	50	84	19.77	19.72	19.75			
20	IQPSK	1	0	19.77	19.71	19.87			
20	IQPSK	1	80	19.71	19.75	19.80		20.5	0
20	IQPSK	50	0	19.83	19.78	19.85			
20	IQPSK	50	84	19.78	19.75	19.87		20.5	0
20	IQPSK	50	50	19.88	19.73	19.87			
20	IQPSK	100	0	19.89	19.79	19.83			
20	IQPSK	1	0	19.85	19.72	19.80		20.5	0
20	IQPSK	1	80	19.80	19.75	19.75			
20	IQPSK	1	80	19.87	19.75	19.70			
20	IQPSK	1	80	19.87	19.80	19.80			
20	IQPSK	50	0	19.74	19.75	19.83			
20	IQPSK	50	24	19.86	19.68	19.80		20.5	0
20	IQPSK	50	50	19.83	19.75	19.87			
20	IQPSK	50	84	19.71	19.70	19.80			
Channel									
Frequency (MHz)									
15	QPSK	1	0	19.71	19.71	19.83			MFR (dB)
15	QPSK	1	87	19.83	19.83	19.81		20.5	0
15	QPSK	1	74	19.74	19.80	19.80			
15	QPSK	36	0	19.72	19.78	19.80			
15	QPSK	36	20	19.80	19.74	19.84			
15	QPSK	36	50	19.80	19.73	19.80		20.5	0
15	QPSK	75	0	19.80	19.83	19.80			
15	IQPSK	1	0	19.71	19.70	19.80		20.5	0
15	IQPSK	1	74	19.73	19.80	19.83			
15	IQPSK	36	0	19.82	19.72	19.80			
15	IQPSK	36	20	19.88	19.73	19.87		20.5	0
15	IQPSK	75	0	19.80	19.78	19.81			
15	IQPSK	1	87	19.87	19.72	19.80			
15	IQPSK	36	0	19.80	19.85	19.80		20.5	0
15	IQPSK	1	74	19.80	19.85	19.82			
15	IQPSK	36	20	19.82	19.80	19.81			
15	IQPSK	75	0	19.81	19.80	19.84		20.5	0
15	IQPSK	1	87	19.88	19.70	19.80			
15	IQPSK	1	74	19.80	19.85	19.82			
15	IQPSK	36	20	19.82	19.80	19.81			
15	IQPSK	36	20	19.81	19.80	19.84		20.5	0
15	IQPSK	36	50	19.83	19.82	19.80			
15	IQPSK	75	0	19.80	19.84	19.80			
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.70	19.78	19.80			MFR (dB)
10	QPSK	1	25	19.87	19.80	19.87		20.5	0
10	QPSK	1	80	19.84	19.75	19.80			
10	QPSK	1	80	19.84	19.80	19.87			
10	QPSK	25	12	19.70	19.80	19.82		20.5	0
10	QPSK	25	25	19.80	19.87	19.80			
10	QPSK	50	0	19.84	19.80	19.84			
10	IQPSK	1	0	19.75	19.82	19.80			
10	IQPSK	1	25	19.82	19.73	19.80		20.5	0
10	IQPSK	1	80	19.80	19.74	19.80			
10	IQPSK	25	0	19.81	19.78	19.80			
10	IQPSK	25	12	19.88	19.71	19.82		20.5	0
10	IQPSK	50	0	19.87	19.80	19.80			
10	IQPSK	1	0	19.80	19.80	19.80			
10	IQPSK	1	25	19.82	19.80	19.81		20.5	0
10	IQPSK	1	80	19.84	19.82	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			
10	IQPSK	1	80	19.84	19.80	19.87			

Reduced Power Mode for DSI7

GSM850_Ant 13		Burst Average Power (dBm)			Tune-up Limit		Frame-Average Power (dBm)			Tune-up Limit	
TX Channel		128	169	251	Limit		128	169	251	Limit	
Frequency (MHz)		824.2	836.4	848.8	(dBm)		824.2	836.4	848.8	(dBm)	
GSM 1 Tx slot		23.78	23.79	23.73	23.50		19.76	19.79	19.73	20.50	
GPRS 1 Tx slot		28.71	28.70	28.72	29.50		19.71	19.70	19.72	20.50	
GPRS 2 Tx slots		26.68	26.74	26.73	27.50		20.68	20.74	20.73	21.50	
GPRS 3 Tx slots		24.64	24.69	24.74	25.50		20.38	20.43	20.48	21.24	
GPRS 4 Tx slots		22.53	22.61	22.68	24.00		19.53	19.61	19.68	21.00	
EDGE(GMSK 1 Tx slot)		28.63	28.69	28.69	29.50		19.63	19.69	19.59	20.50	
EDGE(GMSK 2 Tx slot)		26.60	26.62	26.71	27.50		20.60	20.62	20.71	23.50	
EDGE(GMSK 3 Tx slot)		24.56	24.68	24.66	25.50		20.30	20.42	20.40	21.24	
EDGE(GMSK 4 Tx slot)		22.39	22.58	22.66	24.00		19.39	19.58	19.66	21.00	
EDGE 1 Tx slot		27.51	27.60	27.54	28.00		18.51	18.60	18.54	19.00	
EDGE 2 Tx slots		26.20	26.24	26.10	26.50		20.20	20.24	20.10	20.50	
EDGE 3 Tx slots		24.14	24.22	24.19	24.50		19.88	19.96	19.93	20.24	
EDGE 4 Tx slots		22.00	22.15	22.02	22.50		19.00	19.15	19.02	19.50	

GSM1900_Ant 13		Burst Average Power (dBm)			Tune-up Limit		Frame-Average Power (dBm)			Tune-up Limit	
TX Channel		512	661	810	Limit		512	661	810	Limit	
Frequency (MHz)		1850.2	1860	1869.8	(dBm)		1850.2	1860	1869.8	(dBm)	
GSM 1 Tx slot		24.16	24.05	24.02	24.50		15.16	15.05	15.02	15.50	
GPRS 1 Tx slot		24.14	24.04	23.96	24.50		15.14	15.04	14.96	16.50	
GPRS 2 Tx slots		22.17	22.20	22.03	22.50		16.17	16.20	16.03	16.50	
GPRS 3 Tx slots		20.15	20.07	20.05	20.50		15.86	15.81	15.79	16.24	
GPRS 4 Tx slots		18.23	18.17	18.19	19.00		15.23	15.17	15.16	16.00	
EDGE(GMSK 1 Tx slot)		24.05	23.91	23.87	24.50		15.05	14.91	14.87	15.50	
EDGE(GMSK 2 Tx slot)		22.13	22.05	21.99	22.50		16.13	16.05	15.99	16.50	
EDGE(GMSK 3 Tx slot)		20.01	19.97	20.02	20.50		15.75	15.71	15.76	16.24	
EDGE(GMSK 4 Tx slot)		18.09	18.05	18.15	19.00		15.08	15.05	15.15	16.00	
EDGE 1 Tx slot		23.99	23.96	23.87	24.00		14.99	14.96	14.87	15.00	
EDGE 2 Tx slots		21.82	21.96	21.91	22.00		15.82	15.96	15.91	16.00	
EDGE 3 Tx slots		19.74	19.98	20.13	20.50		15.48	15.72	15.87	16.24	
EDGE 4 Tx slots		17.08	18.12	17.17	19.00		14.06	15.12	14.17	16.00	

Band		WCDMA 8_Ant 13			Tune-up Limit		WCDMA 8_Ant 31			Tune-up Limit	
TX Channel		9262	9400	9538	Limit		9262	9400	9538	Limit	
Rx Channel		9662	9800	9938	(dBm)		9662	9800	9938	(dBm)	
Frequency (MHz)		1327.4	1370	1412.6	(dBm)		1327.4	1370	1412.6	(dBm)	
3GPP Rel 99		16.60	16.69	16.42	17.50		24.21	24.47	24.44	25.00	
3GPP Rel 99		16.71	16.78	16.50	17.50		24.24	24.56	24.45	25.00	
3GPP Rel 6		14.82	14.95	14.87	16.50		22.51	22.59	22.46	24.00	
3GPP Rel 6		14.21	14.19	14.14	16.00		21.77	21.87	21.76	23.50	
3GPP Rel 6		13.78	13.62	13.61	15.50		21.44	21.54	21.53	23.00	
3GPP Rel 6		13.63	13.66	13.74	15.50		21.52	21.60	21.54	23.00	
3GPP Rel 6		14.65	14.91	14.68	16.50		22.50	22.53	22.34	24.00	
3GPP Rel 6		14.26	14.19	14.17	16.00		21.67	21.80	21.63	23.50	
3GPP Rel 6		13.68	13.79	13.71	15.50		21.31	21.49	21.52	23.00	
3GPP Rel 6		13.60	13.94	13.66	15.00		21.48	21.58	21.48	23.00	
3GPP Rel 6		12.62	12.72	12.74	14.50		20.12	20.06	20.06	22.00	
3GPP Rel 6		13.22	13.11	13.02	14.30		20.55	19.99	19.85	21.80	
3GPP Rel 6		12.62	13.03	13.26	14.00		19.93	19.78	19.72	21.50	
3GPP Rel 6		12.62	12.73	12.76	13.50		20.00	19.85	19.67	21.00	
3GPP Rel 6		15.05	15.20	15.20	16.50		22.40	22.40	22.40	24.00	
3GPP Rel 7		15.05	15.15	15.14	16.50		22.39	22.27	22.33	24.00	

Band		WCDMA V_Ant 13			Tune-up Limit		WCDMA V_Ant 31			Tune-up Limit	
TX Channel		4132	4162	4233	Limit		4132	4162	4233	Limit	
Rx Channel		4357	4407	4458	(dBm)		4357	4407	4458	(dBm)	
Frequency (MHz)		826.4	836.4	846.6	(dBm)		826.4	836.4	846.6	(dBm)	
3GPP Rel 99		20.55	20.73	20.65	21.50		24.12	24.23	24.11	25.00	
3GPP Rel 99		20.69	20.74	20.72	21.50		24.18	24.24	24.13	25.00	
3GPP Rel 6		19.12	19.24	19.16	20.50		22.63	22.67	22.66	24.00	
3GPP Rel 6		18.75	18.83	18.81	20.30		22.32	22.36	22.31	23.50	
3GPP Rel 6		18.34	18.39	18.32	20.00		21.86	21.95	21.87	23.50	
3GPP Rel 6		18.27	18.39	18.33	19.90		21.79	21.88	21.78	23.40	
3GPP Rel 6		19.03	19.19	19.12	20.50		22.50	22.62	22.64	24.00	
3GPP Rel 6		18.48	18.73	18.60	20.30		22.18	22.22	22.28	23.80	
3GPP Rel 6		18.30	18.44	18.29	20.00		21.76	21.63	21.78	23.50	
3GPP Rel 6		18.25	18.23	18.28	19.90		21.67	21.67	21.67	23.40	
3GPP Rel 6		17.19	17.18	17.25	18.70		20.42	20.43	20.56	22.20	
3GPP Rel 6		17.65	17.64	17.70	19.50		21.05	21.05	21.01	23.00	
3GPP Rel 6		17.69	17.60	17.45	19.00		20.94	20.97	20.83	22.50	
3GPP Rel 6		17.35	17.25	17.47	18.30		20.88	20.47	20.74	21.80	
3GPP Rel 6		19.82	19.65	19.56	21.00		22.96	23.00	22.85	24.50	
3GPP Rel 7		19.60	19.55	19.43	20.50		22.84	22.87	22.80	24.00	

GSM850_Ant 31		Burst Average Power (dBm)			Tune-up Limit		Frame-Average Power (dBm)			Tune-up Limit	
TX Channel		128	169	251	Limit		128	169	251	Limit	
Frequency (MHz)		824.2	836.4	848.8	(dBm)		824.2	836.4	848.8	(dBm)	
GSM 1 Tx slot		32.40	32.47	32.53	33.50		23.40	23.47	23.53	24.50	
GPRS 1 Tx slot		32.36	32.46	32.51	33.50		23.36	23.46	23.51	24.50	
GPRS 2 Tx slot		30.36	30.56	30.62	31.50		23.36	23.46	23.42	24.50	
GPRS 3 Tx slot		26.75	26.87	26.96	27.50		23.36	23.46	23.48	24.50	
GPRS 4 Tx slot		26.63	26.79	26.96	28.00		23.63	23.75	23.66	24.50	
EDGE(GSM 1 Tx slot)		32.46	32.47	32.41	33.50		23.46	23.47	23.41	24.50	
EDGE(GSM 2 Tx slot)		32.36	32.46	32.42	33.50		23.36	23.46	23.42	24.50	
EDGE(GSM 3 Tx slot)		26.77	26.87	26.85	27.50		23.77	23.85	23.63	24.50	
EDGE(GSM 4 Tx slot)		26.65	26.79	26.96	28.00		23.65	23.79	23.66	24.50	
EDGE 1 Tx slot		27.26	27.36	27.60	28.00		16.26	16.38	16.50	19.00	
EDGE 2 Tx slot		26.46	26.49	26.35	26.50		20.45	20.49	20.35	20.50	
EDGE 3 Tx slot		24.36	24.47	24.41	24.50		24.21	24.29	24.25	24.50	
EDGE 4 Tx slot		21.95	22.03	22.02	22.50		19.95	19.93	19.92	19.50	

Band 2_Ant 13												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	16.62	16.66	16.70	17.5	0				
20	QPSK	1	49	16.60	16.84	16.78						
20	QPSK	1	99	16.56	16.92	16.84						
20	QPSK	50	0	16.57	16.69	16.57						
20	QPSK	50	24	16.56	16.82	16.79						
20	QPSK	50	50	16.53	16.80	16.73						
20	QPSK	100	0	16.58	16.78	16.74						
20	16QAM	1	0	16.61	16.65	16.65						
20	16QAM	1	49	16.57	16.67	16.84						
20	16QAM	1	99	16.58	16.79	16.97						
20	16QAM	50	0	16.55	16.75	16.93	17.5	0				
20	16QAM	50	24	16.59	16.81	16.87						
20	16QAM	50	50	16.60	16.77	16.89						
20	16QAM	100	0	16.54	16.78	16.86						
20	64QAM	1	0	16.57	16.65	16.84						
20	64QAM	1	49	16.57	16.67	16.82						
20	64QAM	1	99	16.56	16.73	16.86						
20	64QAM	50	0	16.56	16.85	16.93						
20	64QAM	50	24	16.59	16.75	16.86						
20	64QAM	50	50	16.58	16.81	16.92						
20	64QAM	100	0	16.58	16.73	16.84	17.5	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	16.675	16.690	16.725			17.5	0		
15	QPSK	1	0	16.50	16.59	16.72						
15	QPSK	1	37	16.47	16.55	16.79						
15	QPSK	1	74	16.50	16.58	16.73						
15	QPSK	36	0	16.56	16.43	16.64						
15	QPSK	36	18	16.43	16.36	16.70						
15	QPSK	36	39	16.51	16.42	16.63						
15	QPSK	75	0	16.54	16.47	16.70						
15	16QAM	1	0	16.47	16.45	16.66						
15	16QAM	1	37	16.44	16.48	16.80						
15	16QAM	1	74	16.39	16.48	16.73	17.5	0				
15	16QAM	36	0	16.40	16.46	16.63						
15	16QAM	36	18	16.38	16.44	16.66						
15	16QAM	36	39	16.44	16.48	16.81						
15	16QAM	75	0	16.48	16.51	16.62						
15	16QAM	1	0	16.58	16.45	16.62						
15	16QAM	1	37	16.48	16.48	16.74						
15	64QAM	1	74	16.54	16.57	16.72						
15	64QAM	36	0	16.40	16.37	16.62						
15	64QAM	36	18	16.35	16.45	16.68						
15	64QAM	36	39	16.42	16.43	16.69						
15	64QAM	75	0	16.39	16.55	16.75	17.5	0				
Channel												
Frequency (MHz)												
10	QPSK	1	0	16.650	16.660	16.700			17.5	0		
10	QPSK	1	26	16.46	16.57	16.68						
10	QPSK	1	49	16.54	16.59	16.71						
10	QPSK	1	74	16.56	16.53	16.62						
10	QPSK	25	12	16.31	16.45	16.70						
10	QPSK	25	26	16.43	16.33	16.65						
10	QPSK	50	0	16.43	16.45	16.70						
10	16QAM	1	0	16.43	16.53	16.73						
10	16QAM	1	26	16.46	16.60	16.79						
10	16QAM	1	49	16.42	16.39	16.71						
10	16QAM	25	12	16.43	16.47	16.81	17.5	0				
10	16QAM	25	26	16.40	16.56	16.67						
10	16QAM	25	26	16.48	16.50	16.73						
10	16QAM	50	0	16.47	16.48	16.63						
10	16QAM	50	24	16.54	16.54	16.80						
10	16QAM	1	26	16.59	16.43	16.79						
10	16QAM	1	49	16.54	16.53	16.70						
10	16QAM	1	74	16.44	16.38	16.69						
10	16QAM	25	12	16.49	16.45	16.68						
10	16QAM	25	26	16.51	16.46	16.73						
10	16QAM	50	0	16.52	16.51	16.72	17.5	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	16.650	16.660	16.700			17.5	0		
5	QPSK	1	12	16.42	16.58	16.80						
5	QPSK	1	24	16.48	16.47	16.72						
5	QPSK	12	0	16.48	16.47	16.72						
5	QPSK	12	7	16.31	16.26	16.74						
5	QPSK	12	13	16.52	16.27	16.70						
5	QPSK	25	0	16.56	16.46	16.84						
5	16QAM	1	0	16.46	16.50	16.65						
5	16QAM	1	12	16.54	16.46	16.79						
5	16QAM	1	24	16.48	16.58	16.72						
5	16QAM	12	0	16.42	16.55	16.67	17.5	0				
5	16QAM	12	7	16.33	16.56	16.71						
5	16QAM	12	13	16.53	16.54	16.70						
5	16QAM	25	14	16.50	16.51	16.67						
5	64QAM	1	0	16.58	16.46	16.70						
5	64QAM	1	12	16.56	16.36	16.69						
5	64QAM	1	24	16.47	16.41	16.63						
5	64QAM	12	7	16.53	16.42	16.70						
5	64QAM	12	13	16.50	16.40	16.75						
5	64QAM	25	14	16.49	16.44	16.69						
5	64QAM	25	14	16.49	16.44	16.69	17.5	0				
Channel												
Frequency (MHz)												
3	QPSK	1	0	16.615	16.610	16.655			17.5	0		
3	QPSK	1	8	16.481	16.484	16.508						
3	QPSK	1	14	16.488	16.484	16.508						
3	QPSK	8	0	16.45	16.52	16.73						
3	QPSK	8	4	16.42	16.43	16.63						
3	QPSK	8	7	16.45	16.39	16.70						
3	QPSK	15	0	16.48	16.48	16.61						
3	16QAM	1	0	16.44	16.53	16.69						
3	16QAM	1	8	16.53	16.48	16.72						
3	16QAM	1	14	16.47	16.40	16.66						
3	16QAM	8	0	16.53	16.52	16.70	17.5	0				
3	16QAM	8	4	16.43	16.52	16.69						
3	16QAM	8	7	16.48	16.57	16.75						
3	16QAM	15	0	16.58	16.55	16.68						
3	64QAM	1	0	16.58	16.45	16.67						
3	64QAM	1	8	16.47	16.42	16.70						
3	64QAM	1	14	16.47	16.47	16.74						
3	64QAM	8	0	16.42	16.44	16.68						
3	64QAM	8	4	16.42	16.45	16.68						
3	64QAM	8	7	16.47	16.41	16.63						
3	64QAM	15	0	16.46	16.45	16.65	17.5	0				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	16.690	16.690	16.700			17.5	0		
1.4	QPSK	1	3	16.49	16.59	16.80						
1.4	QPSK	1	5	16.51	16.57	16.67						
1.4	QPSK	1	7	16.52	16.47	16.61						
1.4	QPSK	3	1	16.41	16.38	16.67						
1.4	QPSK	3	3	16.53	16.45	16.70						
1.4	QPSK	3	5	16.55	16.44	16.68						
1.4	16QAM	1	0	16.38	16.51	16.64						
1.4	16QAM	1	3	16.50	16.55	16.68						
1.4	16QAM	1	5	16.50	16.56	16.69						
1.4	16QAM	3	0	16.43	16.54	16.67	17.5	0				
1.4	16QAM	3	1	16.42	16.53	16.68						
1.4	16QAM	3	3	16.44	16.53	16.68						
1.4	16QAM	3	5	16.45	16.44	16.67						
1.4	64QAM	1	0	16.47	16.38	16.61						
1.4	64QAM	1	3	16.55	16.40	16.66						
1.4	64QAM	1	5	16.52	16.46	16.72						
1.4	64QAM	3	0	16.40	16.37	16.66						
1.4	64QAM	3	1	16.53	16.46	16.69						
1.4	64QAM	3	3	16.48	16.40	16.70			17.5	0		
1.4	64QAM	3	5	16.46	16.45	16.68						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	16.690	16.690	16.700	17.5	0				
1.4	QPSK	1	3	16.49	16.59	16.80						
1.4	QPSK	1	5	16.51	16.57	16.67						
1.4	QPSK	1	7	16.52	16.47	16.61						
1.4	QPSK	3	1	16.41	16.38	16.67						
1.4	QPSK	3	3	16.53	16.45	16.70						
1.4	QPSK	3	5	16.55	16.44	16.68						
1.4	16QAM	1	0	16.38	16.51	16.64						
1.4	16QAM	1	3	16.50	16.55	16.68						
1.4	16QAM	1	5	16.50	16.56	16.69						

Band 5_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Time-up limit (dBm)	MPR (dB)	
Channel									
Channel				20405	20525	20605			
Frequency (MHz)				839	836.5	844			
10	QPSK	1	0	20.85	20.86	20.80	21.5	0	
10	QPSK	1	25	20.81	20.72	20.68			
10	QPSK	1	49	20.71	20.84	20.75			
10	QPSK	25	0	20.85	20.94	20.77			
10	QPSK	25	25	20.77	20.67	20.67			
10	QPSK	50	0	20.71	20.71	20.68	21.5	0	
10	16QAM	1	0	20.80	20.83	20.79			
10	16QAM	1	25	20.82	20.85	20.65			
10	16QAM	1	49	20.76	20.76	20.71			
10	16QAM	25	0	20.74	20.79	20.66			
10	16QAM	25	12	20.77	20.84	20.70	21.5	0	
10	16QAM	25	25	20.82	20.71	20.72			
10	16QAM	50	0	20.72	20.84	20.78			
10	16QAM	1	0	20.82	20.73	20.73			
10	16QAM	1	25	20.80	20.75	20.69			
10	16QAM	1	49	20.74	20.80	20.76	21.5	0	
10	16QAM	25	0	20.78	20.72	20.68			
10	16QAM	25	12	20.78	20.80	20.72			
10	16QAM	25	25	20.84	20.82	20.74			
10	16QAM	50	0	20.78	20.85	20.79			
Channel									
Channel				836.5	836.5	846.5			
Frequency (MHz)				836.5	836.5	846.5			
5	QPSK	1	0	20.73	20.81	20.74	21.5	0	
5	QPSK	1	12	20.77	20.62	20.65			
5	QPSK	1	24	20.61	20.77	20.74			
5	QPSK	12	0	20.70	20.74	20.70			
5	QPSK	12	13	20.63	20.74	20.68			
5	QPSK	25	0	20.64	20.65	20.60	21.5	0	
5	QPSK	25	12	20.61	20.71	20.55			
5	16QAM	1	0	20.67	20.80	20.68			
5	16QAM	1	12	20.72	20.83	20.52			
5	16QAM	1	24	20.67	20.75	20.67			
5	16QAM	12	0	20.73	20.72	20.53	21.5	0	
5	16QAM	12	7	20.74	20.83	20.65			
5	16QAM	12	13	20.73	20.85	20.70			
5	16QAM	25	0	20.65	20.83	20.73			
5	16QAM	1	0	20.60	20.85	20.60			
5	16QAM	1	12	20.70	20.73	20.54	21.5	0	
5	16QAM	1	24	20.60	20.73	20.69			
5	16QAM	12	0	20.71	20.71	20.66			
5	16QAM	12	7	20.64	20.86	20.60			
5	16QAM	12	13	20.60	20.75	20.73			
5	16QAM	25	0	20.68	20.74	20.69			
Channel									
Channel				835.5	836.5	847.5			
Frequency (MHz)				835.5	836.5	847.5			
3	QPSK	1	0	20.81	20.83	20.69	21.5	0	
3	QPSK	1	8	20.66	20.67	20.68			
3	QPSK	1	14	20.58	20.78	20.74			
3	QPSK	8	0	20.71	20.75	20.76			
3	QPSK	8	4	20.65	20.72	20.56			
3	QPSK	8	7	20.64	20.59	20.64	21.5	0	
3	QPSK	15	0	20.60	20.56	20.57			
3	16QAM	1	0	20.71	20.80	20.74			
3	16QAM	1	8	20.70	20.72	20.60			
3	16QAM	1	14	20.67	20.72	20.56			
3	16QAM	8	0	20.58	20.70	20.56	21.5	0	
3	16QAM	8	4	20.63	20.72	20.65			
3	16QAM	8	7	20.71	20.68	20.62			
3	16QAM	15	0	20.60	20.70	20.65			
3	16QAM	1	0	20.71	20.70	20.69			
3	16QAM	1	8	20.74	20.85	20.68	21.5	0	
3	16QAM	1	14	20.63	20.72	20.67			
3	16QAM	8	0	20.73	20.59	20.56			
3	16QAM	8	4	20.73	20.67	20.60			
3	16QAM	8	7	20.81	20.74	20.70			
3	16QAM	15	0	20.65	20.76	20.70			
Channel									
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	20.79	20.81	20.75	21.5	0	
1.4	QPSK	1	3	20.75	20.58	20.72			
1.4	QPSK	1	5	20.61	20.71	20.67			
1.4	QPSK	3	0	20.65	20.77	20.62			
1.4	QPSK	3	1	20.70	20.71	20.59			
1.4	QPSK	3	3	20.59	20.67	20.62	21.5	0	
1.4	QPSK	6	0	20.66	20.63	20.53			
1.4	16QAM	1	0	20.73	20.72	20.64			
1.4	16QAM	1	3	20.76	20.73	20.50			
1.4	16QAM	1	5	20.70	20.75	20.58			
1.4	16QAM	3	0	20.72	20.75	20.60	21.5	0	
1.4	16QAM	3	1	20.73	20.82	20.64			
1.4	16QAM	3	3	20.70	20.68	20.67			
1.4	16QAM	6	0	20.64	20.78	20.65			
1.4	16QAM	1	0	20.78	20.68	20.59			
1.4	16QAM	1	3	20.75	20.69	20.56	21.5	0	
1.4	16QAM	1	5	20.62	20.76	20.68			
1.4	16QAM	3	0	20.72	20.57	20.55			
1.4	16QAM	3	1	20.77	20.73	20.65			
1.4	16QAM	3	3	20.76	20.76	20.61			
1.4	16QAM	6	0	20.64	20.81	20.78	21.5	0	

Band 5_Ant 31												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	23.68	23.77	23.64	25	0				
10	QPSK	1	25	23.45	23.63	23.56						
10	QPSK	1	49	23.45	23.60	23.48						
10	QPSK	25	0	22.77	23.03	22.73						
10	QPSK	25	12	22.79	22.87	22.73						
10	QPSK	25	25	22.93	23.02	22.85	24.5	0.5				
10	QPSK	50	0	22.77	22.61	22.70						
10	16QAM	1	0	23.44	23.57	23.44						
10	16QAM	1	25	23.28	23.33	23.29						
10	16QAM	1	49	23.37	23.41	23.28						
10	16QAM	25	0	22.27	22.33	22.18	23.5	1.5				
10	16QAM	25	12	22.65	22.98	22.61						
10	16QAM	25	25	22.30	22.36	22.21						
10	16QAM	50	0	22.72	22.74	22.70						
10	16QAM	1	0	22.76	22.86	22.75						
10	16QAM	1	25	22.74	22.84	22.83	23.5	1.5				
10	16QAM	1	49	22.50	22.62	22.60						
10	16QAM	25	0	21.55	21.61	21.54						
10	16QAM	25	12	21.62	21.73	21.64						
10	16QAM	25	25	21.64	21.65	21.64						
10	16QAM	50	0	21.68	21.79	21.72	22.5	2.5				
Channel												
Channel				836.5	836.5	846.5 <td colspan="3">Turn-up limit (dBm)</td>	Turn-up limit (dBm)					
Frequency (MHz)				836.5	836.5	846.5 <td colspan="3">MPR (dB)</td>	MPR (dB)					
5	QPSK	1	0	23.61	23.73	23.58	25	0				
5	QPSK	1	12	23.50	23.59	23.44						
5	QPSK	1	24	23.43	23.56	23.37						
5	QPSK	12	0	22.87	23.61	22.80						
5	QPSK	12	13	22.86	22.92	22.83						
5	QPSK	25	0	22.68	22.74	22.62	24.5	0.5				
5	16QAM	1	0	22.80	22.85	22.83						
5	16QAM	1	12	23.20	23.25	23.14	24.5	0.5				
5	16QAM	1	24	23.14	23.24	23.14						
5	16QAM	12	0	22.92	23.11	22.91						
5	16QAM	12	7	22.96	22.92	22.94						
5	16QAM	12	13	22.22	22.25	22.15						
5	16QAM	25	0	22.68	22.73	22.65	23.5	1.5				
5	16QAM	25	12	22.66	22.77	22.67						
5	16QAM	25	12	22.68	22.73	22.81						
5	16QAM	1	24	22.42	22.52	22.48						
5	16QAM	12	0	21.44	21.61	21.47						
5	16QAM	12	7	21.52	21.59	21.51	22.5	2.5				
5	16QAM	12	13	21.55	21.56	21.51						
5	16QAM	25	0	21.03	21.26	21.08						
Channel				846.5	846.5	847.5 <td colspan="3">Turn-up limit (dBm)</td>				Turn-up limit (dBm)		
Frequency (MHz)				846.5	846.5	847.5 <td colspan="3">MPR (dB)</td>				MPR (dB)		
3	QPSK	1	0	23.62	23.75	23.61	25	0				
3	QPSK	1	8	23.62	23.63	23.53						
3	QPSK	1	16	23.31	23.44	23.38						
3	QPSK	8	0	22.84	23.00	22.94						
3	QPSK	8	4	22.77	22.80	22.66						
3	QPSK	8	7	22.86	22.83	22.84	24.5	0.5				
3	16QAM	1	0	22.70	22.75	22.67						
3	16QAM	1	8	23.31	23.36	23.35	24.5	0.5				
3	16QAM	1	16	23.13	23.30	23.18						
3	16QAM	8	0	22.98	23.15	22.98						
3	16QAM	8	4	22.59	22.54	22.57						
3	16QAM	8	7	22.17	22.21	22.08						
3	16QAM	15	0	22.58	22.72	22.59	23.5	1.5				
3	16QAM	15	8	22.58	22.72	22.59						
3	16QAM	1	0	22.65	22.71	22.61						
3	16QAM	1	8	22.73	22.76	22.71						
3	16QAM	15	16	22.38	22.51	22.39						
3	16QAM	8	0	21.53	21.59	21.58	22.5	2.5				
3	16QAM	8	4	21.53	21.58	21.51						
3	16QAM	8	7	21.61	21.67	21.50						
3	16QAM	15	0	21.74	21.73	21.73						
Channel				20420	20525	20643 <td colspan="3">Turn-up limit (dBm)</td>				Turn-up limit (dBm)		
Frequency (MHz)				826.7	836.5	846.3 <td colspan="3">MPR (dB)</td>	MPR (dB)					
1.4	QPSK	1	0	23.66	23.70	23.62	25	0				
1.4	QPSK	1	3	23.68	23.68	23.61						
1.4	QPSK	1	6	23.30	23.35	23.24						
1.4	QPSK	3	0	23.64	23.68	23.62						
1.4	QPSK	3	1	23.55	23.59	23.47						
1.4	QPSK	6	0	22.92	23.05	22.95	24.5	0.5				
1.4	QPSK	6	0	22.82	22.79	22.59						
1.4	16QAM	1	0	23.32	23.50	23.33	24.5	0.5				
1.4	16QAM	1	3	23.14	23.20	23.19						
1.4	16QAM	1	6	23.27	23.40	23.20						
1.4	16QAM	3	0	23.34	23.51	23.43						
1.4	16QAM	3	1	23.15	23.25	23.22						
1.4	16QAM	3	3	23.31	23.36	23.13	23.5	1.5				
1.4	16QAM	6	0	22.29	22.29	22.22						
1.4	16QAM	1	0	22.33	23.33	23.21						
1.4	16QAM	1	3	22.27	22.29	22.39						
1.4	16QAM	1	6	22.38	22.38	22.38						
1.4	16QAM	3	0	22.25	22.37	22.31	23.5	1.5				
1.4	16QAM	3	1	22.24	22.41	22.28						
1.4	16QAM	3	3	22.02	22.10	22.14						
1.4	16QAM	6	0	22.12	22.12	22.14						
1.4	16QAM	6	0	22.12	22.12	22.14						

Band 13_Ant 13												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
				23020								
10	QPSK	1	0		22.54		23.5	0				
10	QPSK	1	25		22.42							
10	QPSK	1	49		22.42							
10	QPSK	25	0		22.41							
10	QPSK	25	12		22.40		23.5	0				
10	QPSK	25	25		22.31							
10	QPSK	50	0		22.32							
10	16QAM	1	0		22.23							
10	16QAM	1	25		22.17		23.5	0				
10	16QAM	1	49		22.23							
10	16QAM	25	0		22.43							
10	16QAM	25	12		22.38							
10	16QAM	25	25		22.41		23.5	0				
10	16QAM	50	0		22.30							
10	64QAM	1	0		22.38							
10	64QAM	1	25		22.30		23.5	0				
10	64QAM	1	49		22.24							
10	64QAM	25	0		22.18							
10	64QAM	25	12		22.17							
10	64QAM	25	25		22.20		22.5	1				
10	64QAM	50	0		22.26							
Channel												
Frequency (MHz)												
				23025	23030	23055	Turn-up limit (dBm)	MPR (dB)				
				779.5	762	784.5						
5	QPSK	1	0	22.41	22.53	22.42	23.5	0				
5	QPSK	1	12	22.40	22.30	22.33						
5	QPSK	1	24	22.34	22.33	22.38						
5	QPSK	12	0	22.34	22.26	22.32						
5	QPSK	12	7	22.35	22.25	22.28	23.5	0				
5	QPSK	12	13	22.27	22.23	22.18						
5	QPSK	25	0	22.19	22.28	22.20						
5	16QAM	1	0	22.18	22.19	22.17						
5	16QAM	1	12	22.03	22.12	22.02	23.5	0				
5	16QAM	1	24	22.08	22.08	22.10						
5	16QAM	12	0	22.28	22.37	22.41						
5	16QAM	12	7	22.32	22.25	22.29						
5	16QAM	12	13	22.30	22.30	22.28	23.5	0				
5	16QAM	25	0	22.16	22.17	22.25						
5	64QAM	1	0	22.29	22.33	22.29						
5	64QAM	1	12	22.23	22.16	22.22	23.5	0				
5	64QAM	1	24	22.14	22.23	22.13						
5	64QAM	12	0	22.03	22.07	22.15						
5	64QAM	12	7	22.14	22.13	22.05						
5	64QAM	12	13	22.07	22.15	22.11	22.5	1				
5	64QAM	25	0	22.21	22.24	22.23						

Band 13_Ant 31											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Turn-up limit (dBm)	MPR (dB)			
Channel				23230							
Frequency (MHz)				782							
10	QPSK	1	0	23.66			25				
10	QPSK	1	25	23.61							
10	QPSK	1	49	23.44							
10	QPSK	25	0	23.35							
10	QPSK	25	12	22.84			24	1			
10	QPSK	25	25	22.62							
10	QPSK	50	0	22.74							
10	16QAM	1	0	23.35							
10	16QAM	1	25	23.44			24	1			
10	16QAM	1	49	23.35							
10	16QAM	25	0	22.11							
10	16QAM	25	12	22.14			23	2			
10	16QAM	25	25	22.09							
10	16QAM	50	0	22.10							
10	64QAM	1	0	22.23			23	2			
10	64QAM	1	25	22.30							
10	64QAM	1	49	22.20							
10	64QAM	25	0	20.96							
10	64QAM	25	12	21.10			22	3			
10	64QAM	25	25	21.00							
10	64QAM	50	0	21.22							
Channel				23205 <th>23230<th>23255<th colspan="2"></th></th></th>	23230 <th>23255<th colspan="2"></th></th>	23255 <th colspan="2"></th>					
Frequency (MHz)				779.5 <th>782<th>784.5<th colspan="2"></th></th></th>	782 <th>784.5<th colspan="2"></th></th>	784.5 <th colspan="2"></th>					
5	QPSK	1	0	23.59	23.56	23.59	25	0			
5	QPSK	1	12	23.51	23.47	23.60					
5	QPSK	1	24	23.42	23.35	23.30					
5	QPSK	12	0	22.83	22.83	22.82					
5	QPSK	12	7	22.80	22.84	22.89	24	1			
5	QPSK	12	13	22.49	22.47	22.49					
5	QPSK	25	0	22.67	22.63	22.63					
5	16QAM	1	0	22.23	22.34	22.28					
5	16QAM	1	12	23.38	23.37	23.31	24	1			
5	16QAM	1	24	23.50	23.44	23.40					
5	16QAM	12	0	22.84	22.99	22.00					
5	16QAM	12	7	21.99	22.12	22.10					
5	16QAM	12	13	22.07	22.00	22.00	23	2			
5	16QAM	25	0	21.99	22.02	22.00					
5	64QAM	1	0	22.21	22.13	22.22					
5	64QAM	1	12	22.19	22.22	22.20	23	2			
5	64QAM	1	24	22.05	22.08	22.18					
5	64QAM	12	0	20.89	20.87	20.82					
5	64QAM	12	7	21.09	21.02	21.08					
5	64QAM	12	13	20.85	20.85	20.85	22	3			
5	64QAM	25	0	21.17	21.20	21.11					

Band 26_Ant 13												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				821.5	831.5	841.5						
15	QPSK	1	0	20.75	20.88	20.97	21.5	0				
15	QPSK	1	37	20.62	20.83	20.77						
15	QPSK	1	74	20.74	20.82	20.80						
15	QPSK	36	0	20.62	20.79	20.63						
15	QPSK	36	20	20.48	20.66	20.61	21.5	0				
15	QPSK	36	39	20.55	20.65	20.61						
15	QPSK	75	0	20.59	20.77	20.71						
15	16QAM	1	0	20.69	20.88	20.81						
15	16QAM	1	37	20.66	20.81	20.91	21.5	0				
15	16QAM	1	74	20.68	20.82	20.79						
15	16QAM	36	0	20.61	20.75	20.62						
15	16QAM	36	20	20.61	20.75	20.63	21.5	0				
15	16QAM	36	39	20.58	20.73	20.69						
15	16QAM	75	0	20.62	20.71	20.64						
15	64QAM	1	0	20.49	20.68	20.64	21.5	0				
15	64QAM	1	37	20.49	20.61	20.91						
15	64QAM	1	74	20.29	20.59	20.44						
15	64QAM	36	0	20.60	20.79	20.75						
15	64QAM	36	20	20.61	20.86	20.72	21.5	0				
15	64QAM	36	39	20.67	20.73	20.72						
15	64QAM	75	0	20.50	20.72	20.58						
Channel												
Frequency (MHz)				819	831.5	844						
10	QPSK	1	0	20.72	20.85	20.85	21.5	0				
10	QPSK	1	25	20.82	20.81	20.72						
10	QPSK	1	49	20.68	20.91	20.70						
10	QPSK	25	0	20.96	20.73	20.66						
10	QPSK	25	12	20.91	20.85	20.87	21.5	0				
10	QPSK	25	25	20.90	20.64	20.60						
10	QPSK	50	0	20.58	20.62	20.57						
10	16QAM	1	0	20.63	20.79	20.70						
10	16QAM	1	25	20.56	20.80	20.77	21.5	0				
10	16QAM	1	49	20.59	20.70	20.74						
10	16QAM	25	0	20.52	20.74	20.59						
10	16QAM	25	12	20.45	20.67	20.48						
10	16QAM	25	25	20.43	20.67	20.44	21.5	0				
10	16QAM	50	0	20.60	20.69	20.56						
10	64QAM	1	0	20.39	20.59	20.51						
10	64QAM	1	25	20.50	20.63	20.54						
10	64QAM	1	49	20.20	20.50	20.42	21.5	0				
10	64QAM	25	0	20.47	20.72	20.66						
10	64QAM	25	12	20.54	20.65	20.59						
10	64QAM	25	25	20.52	20.65	20.54						
10	64QAM	50	0	20.38	20.71	20.64	21.5	0				
Channel												
Frequency (MHz)				2671.5	2686.5	2699.5						
5	QPSK	1	0	20.64	20.96	20.96				21.5	0	
5	QPSK	1	12	20.54	20.76	20.72						
5	QPSK	1	24	20.72	20.91	20.78						
5	QPSK	12	0	20.57	20.68	20.67						
5	QPSK	12	7	20.47	20.67	20.67	21.5	0				
5	QPSK	12	13	20.48	20.51	20.45						
5	QPSK	25	0	20.57	20.73	20.63						
5	16QAM	1	0	20.67	20.78	20.76						
5	16QAM	1	12	20.67	20.87	20.81	21.5	0				
5	16QAM	1	24	20.65	20.79	20.74						
5	16QAM	12	0	20.49	20.74	20.53						
5	16QAM	12	7	20.45	20.65	20.55						
5	16QAM	12	13	20.50	20.65	20.50	21.5	0				
5	16QAM	25	0	20.50	20.70	20.55						
5	16QAM	25	7	20.55	20.65	20.55						
5	64QAM	1	0	20.46	20.73	20.63						
5	64QAM	1	12	20.42	20.67	20.46	21.5	0				
5	64QAM	1	24	20.17	20.54	20.37						
5	64QAM	12	0	20.46	20.73	20.63						
5	64QAM	12	7	20.48	20.62	20.69						
5	64QAM	12	13	20.58	20.62	20.69	21.5	0				
5	64QAM	25	0	20.44	20.70	20.53						
Channel												
Frequency (MHz)				2670.5	2686.5	2703.5						
3	QPSK	1	0	20.61	20.97	20.91	21.5	0				
3	QPSK	1	8	20.47	20.76	20.76						
3	QPSK	1	14	20.62	20.90	20.75						
3	QPSK	8	0	20.44	20.54	20.45						
3	QPSK	8	7	20.51	20.50	20.56	21.5	0				
3	QPSK	15	0	20.50	20.76	20.69						
3	16QAM	1	0	20.92	20.85	20.87						
3	16QAM	1	8	20.61	20.87	20.64						
3	16QAM	1	14	20.66	20.80	20.71	21.5	0				
3	16QAM	8	0	20.50	20.69	20.55						
3	16QAM	8	4	20.50	20.71	20.45						
3	16QAM	8	7	20.45	20.60	20.57						
3	16QAM	15	0	20.47	20.62	20.58	21.5	0				
3	64QAM	1	0	20.42	20.61	20.53						
3	64QAM	1	8	20.47	20.47	20.44						
3	64QAM	1	14	20.27	20.51	20.36						
3	64QAM	8	0	20.47	20.76	20.63	21.5	0				
3	64QAM	8	4	20.48	20.76	20.63						
3	64QAM	8	7	20.66	20.69	20.58						
3	64QAM	15	0	20.47	20.57	20.45						
Channel												
Frequency (MHz)				814	831.5	849.3						
1.4	QPSK	1	0	20.69	20.97	20.92	21.5	0				
1.4	QPSK	1	3	20.60	20.70	20.72						
1.4	QPSK	1	6	20.88	20.74	20.74						
1.4	QPSK	3	0	20.57	20.73	20.60						
1.4	QPSK	3	1	20.46	20.61	20.51	21.5	0				
1.4	QPSK	3	3	20.40	20.64	20.50						
1.4	QPSK	3	6	20.49	20.75	20.66						
1.4	16QAM	1	0	20.59	20.76	20.74						
1.4	16QAM	1	3	20.56	20.70	20.72	21.5	0				
1.4	16QAM	1	6	20.75	20.72	20.72						
1.4	16QAM	3	0	20.50	20.74	20.57						
1.4	16QAM	3	1	20.48	20.66	20.58						
1.4	16QAM	3	3	20.51	20.71	20.64	21.5	0				
1.4	16QAM	3	6	20.50	20.67	20.52						
1.4	64QAM	1	3	20.30	20.51	20.43						
1.4	64QAM	1	6	20.35	20.54	20.38						
1.4	64QAM	3	0	20.47	20.69	20.63	21.5	0				
1.4	64QAM	3	1	20.46	20.80	20.57						
1.4	64QAM	3	3	20.55	20.67	20.64						
1.4	64QAM	3	6	20.51	20.67	20.64						

Band 66_Ant 13												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. Co.	Power Middle Ch./Freq. Co.	Power High Ch./Freq. Co.	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	17.67	17.91	17.88	18	0				
20	QPSK	1	48	17.68	17.83	17.68						
20	QPSK	1	96	17.72	17.77	17.70						
20	QPSK	50	0	17.74	17.77	17.74	18	0				
20	QPSK	50	24	17.45	17.53	17.45						
20	QPSK	50	50	17.52	17.66	17.58						
20	QPSK	100	0	17.57	17.65	17.62	18	0				
20	16QAM	1	0	17.68	17.82	17.68						
20	16QAM	1	48	17.71	17.79	17.65						
20	16QAM	1	96	17.65	17.74	17.63	18	0				
20	16QAM	50	0	17.62	17.66	17.58						
20	16QAM	50	24	17.66	17.68	17.65						
20	16QAM	50	50	17.46	17.59	17.46	18	0				
20	16QAM	100	0	17.55	17.57	17.44						
20	64QAM	1	0	17.34	17.39	17.37						
20	64QAM	1	48	17.31	17.46	17.34	18	0				
20	64QAM	1	96	17.26	17.41	17.38						
20	64QAM	50	0	17.52	17.57	17.45						
20	64QAM	50	24	17.62	17.67	17.53	18	0				
20	64QAM	50	50	17.61	17.62	17.59						
20	64QAM	100	0	17.42	17.57	17.56						
Channel												
Frequency (MHz)												
18	QPSK	1	0	17.76	17.75	17.72.5	18	0				
18	QPSK	1	37	17.76	17.88	17.77						
18	QPSK	1	74	17.71	17.68	17.61						
18	QPSK	36	0	17.60	17.63	17.63	18	0				
18	QPSK	36	20	17.31	17.49	17.37						
18	QPSK	36	36	17.43	17.56	17.46						
18	QPSK	75	0	17.49	17.54	17.52	18	0				
18	16QAM	1	0	17.63	17.64	17.61						
18	16QAM	1	37	17.58	17.67	17.61						
18	16QAM	1	74	17.63	17.64	17.61	18	0				
18	16QAM	36	0	17.57	17.54	17.52						
18	16QAM	36	20	17.61	17.55	17.43						
18	16QAM	36	36	17.36	17.51	17.42	18	0				
18	16QAM	75	0	17.51	17.50	17.36						
18	64QAM	1	0	17.29	17.30	17.28						
18	64QAM	1	37	17.20	17.34	17.29	18	0				
18	64QAM	1	74	17.23	17.39	17.23						
18	64QAM	36	0	17.37	17.45	17.37						
18	64QAM	36	20	17.53	17.62	17.40	18	0				
18	64QAM	36	36	17.45	17.50	17.57						
18	64QAM	75	0	17.29	17.46	17.47						
Channel												
Frequency (MHz)												
10	QPSK	1	0	17.86	17.79	17.80	18	0				
10	QPSK	1	25	17.62	17.76	17.65						
10	QPSK	1	49	17.69	17.71	17.64						
10	QPSK	25	0	17.67	17.73	17.63	18	0				
10	QPSK	25	12	17.37	17.38	17.37						
10	QPSK	25	25	17.48	17.54	17.52						
10	QPSK	50	0	17.49	17.56	17.57	18	0				
10	16QAM	1	0	17.60	17.72	17.61						
10	16QAM	1	25	17.69	17.64	17.62						
10	16QAM	1	49	17.61	17.67	17.51	18	0				
10	16QAM	25	0	17.60	17.51	17.43						
10	16QAM	25	12	17.65	17.62	17.64						
10	16QAM	25	25	17.35	17.49	17.34	18	0				
10	16QAM	50	0	17.49	17.54	17.43						
10	16QAM	50	0	17.58	17.36	17.29						
10	64QAM	1	25	17.28	17.39	17.22	18	0				
10	64QAM	1	49	17.20	17.32	17.28						
10	64QAM	25	0	17.48	17.48	17.38						
10	64QAM	25	12	17.60	17.54	17.39	18	0				
10	64QAM	25	25	17.57	17.56	17.56						
10	64QAM	50	0	17.27	17.51	17.47						
Channel												
Frequency (MHz)												
5	QPSK	1	0	17.75	17.80	17.73	18	0				
5	QPSK	1	12	17.53	17.70	17.66						
5	QPSK	1	24	17.70	17.72	17.61						
5	QPSK	12	0	17.67	17.73	17.63	18	0				
5	QPSK	12	7	17.43	17.51	17.30						
5	QPSK	12	13	17.37	17.62	17.54						
5	QPSK	25	0	17.46	17.53	17.46	18	0				
5	16QAM	1	0	17.67	17.68	17.67						
5	16QAM	1	12	17.61	17.73	17.62						
5	16QAM	1	24	17.63	17.70	17.56	18	0				
5	16QAM	12	0	17.49	17.62	17.52						
5	16QAM	12	7	17.64	17.67	17.50						
5	16QAM	12	13	17.31	17.50	17.40	18	0				
5	16QAM	25	0	17.53	17.56	17.33						
5	64QAM	1	0	17.33	17.37	17.35						
5	64QAM	1	12	17.23	17.35	17.27	18	0				
5	64QAM	1	24	17.19	17.36	17.27						
5	64QAM	12	0	17.46	17.52	17.44						
5	64QAM	12	7	17.58	17.59	17.49	18	0				
5	64QAM	12	13	17.54	17.53	17.49						
5	64QAM	25	0	17.41	17.42	17.42						
Channel												
Frequency (MHz)												
3	QPSK	1	0	17.76	17.76	17.77	18	0				
3	QPSK	1	8	17.57	17.79	17.54						
3	QPSK	1	14	17.60	17.70	17.55						
3	QPSK	8	0	17.72	17.83	17.67	18	0				
3	QPSK	8	4	17.34	17.39	17.43						
3	QPSK	8	7	17.38	17.34	17.45						
3	QPSK	15	0	17.50	17.61	17.61	18	0				
3	16QAM	1	0	17.56	17.69	17.54						
3	16QAM	1	8	17.63	17.66	17.51						
3	16QAM	1	14	17.66	17.70	17.60	18	0				
3	16QAM	8	0	17.55	17.54	17.36						
3	16QAM	8	4	17.56	17.65	17.59						
3	16QAM	8	7	17.37	17.56	17.42	18	0				
3	16QAM	15	0	17.48	17.46	17.39						
3	64QAM	1	0	17.26	17.25	17.22						
3	64QAM	1	8	17.16	17.35	17.22	18	0				
3	64QAM	1	14	17.21	17.60	17.23						
3	64QAM	8	0	17.44	17.56	17.43						
3	64QAM	8	4	17.53	17.61	17.38	18	0				
3	64QAM	8	7	17.51	17.52	17.56						
3	64QAM	15	0	17.40	17.46	17.53						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	17.75	17.84	17.80	18	0				
1.4	QPSK	1	3	17.62	17.73	17.60						
1.4	QPSK	1	5	17.58	17.71	17.58						
1.4	QPSK	3	0	17.66	17.75	17.71	18	0				
1.4	QPSK	3	1	17.43	17.44	17.36						
1.4	QPSK	3	3	17.44	17.53	17.57						
1.4	QPSK	6	0	17.48	17.51	17.56	18	0				
1.4	16QAM	1	0	17.64	17.74	17.56						
1.4	16QAM	1	3	17.63	17.78	17.59						
1.4	16QAM	1	5	17.63	17.69	17.60	18	0				
1.4	16QAM	3	0	17.49	17.55	17.51						
1.4	16QAM	3	1	17.60	17.65	17.54	18	0				
1.4	16QAM	3	3	17.32	17.53	17.38						
1.4	16QAM	6	0	17.44	17.47	17.38						
1.4	64QAM	1	0	17.31	17.28	17.35	18	0				
1.4	64QAM	1	3	17.16	17.34	17.25						
1.4	64QAM	1	5	17.21	17.31	17.36						
1.4	64QAM	3	0	17.21	17.50	17.40	18	0				
1.4	64QAM	3	1	17.44	17.60	17.49						
1.4	64QAM	3	3	17.59	17.50	17.57						
1.4	64QAM	6	0	17.29	17.52	17.52	18	0				

Band 38_Ant 13									
BRW (MHz)	Modulation	RB Size	RB Offset	Power (dBm)	Power (dBm)	Power (dBm)	Transmit (dBm)	MPR (dB)	
Channel				37650	38000	38150			
Frequency (MHz)				17.05	17.05	17.05			
5	QPSK	1	49	17.48	17.50	17.59	18	0	
5	QPSK	50	50	17.45	17.54	17.59			
5	QPSK	50	50	17.45	17.54	17.59			
5	QPSK	50	24	17.51	17.49	17.47	18	0	
5	QPSK	50	24	17.51	17.49	17.47			
5	QPSK	100	0	17.48	17.54	17.57	18	0	
5	HQAM	1	0	17.54	17.51	17.59			
5	HQAM	1	0	17.54	17.51	17.59	18	0	
5	HQAM	1	99	17.47	17.54	17.54			
5	HQAM	50	0	17.57	17.51	17.54			
5	HQAM	50	50	17.58	17.57	17.57	18	0	
5	HQAM	100	0	17.56	17.52	17.52			
5	HQAM	100	0	17.56	17.52	17.52			
5	HQAM	1	49	17.57	17.51	17.57	18	0	
5	HQAM	50	50	17.57	17.58	17.45			
5	HQAM	50	24	17.59	17.52	17.48			
5	HQAM	100	0	17.57	17.52	17.54			
Channel				37625	38000	38175	Transmit (dBm)	MPR (dB)	
Frequency (MHz)				17.02	17.02	17.02			
15	QPSK	1	37	17.55	17.53	17.43	18	0	
15	QPSK	1	37	17.57	17.42	17.54			
15	QPSK	1	74	17.58	17.57	17.42			
15	QPSK	1	74	17.49	17.55	17.47	18	0	
15	QPSK	30	20	17.30	17.44	17.37			
15	QPSK	30	20	17.48	17.48	17.48	18	0	
15	QPSK	70	0	17.40	17.44	17.44			
15	QPSK	70	0	17.43	17.53	17.42			
15	HQAM	1	37	17.55	17.53	17.43	18	0	
15	HQAM	1	74	17.57	17.53	17.42			
15	HQAM	30	0	17.45	17.39	17.55			
15	HQAM	30	20	17.44	17.55	17.47	18	0	
15	HQAM	30	39	17.51	17.44	17.52			
15	HQAM	70	0	17.51	17.54	17.36			
15	HQAM	70	0	17.48	17.54	17.48	18	0	
15	HQAM	1	37	17.44	17.50	17.51			
15	HQAM	1	74	17.50	17.49	17.51			
15	HQAM	30	20	17.43	17.45	17.43			
15	HQAM	30	20	17.54	17.49	17.48	18	0	
15	HQAM	70	0	17.45	17.47	17.45			
15	HQAM	70	0	17.55	17.47	17.42			
Channel				37600	38000	38200	Transmit (dBm)	MPR (dB)	
Frequency (MHz)				17.00	17.00	17.00			
5	QPSK	1	0	17.50	17.50	17.47	18	0	
5	QPSK	1	25	17.44	17.37	17.46			
5	QPSK	1	49	17.46	17.52	17.53	18	0	
5	QPSK	1	49	17.48	17.53	17.53			
5	QPSK	20	12	17.38	17.45	17.58	18	0	
5	QPSK	20	12	17.45	17.53	17.53			
5	QPSK	50	0	17.32	17.43	17.38			
5	HQAM	1	0	17.50	17.58	17.58			
5	HQAM	1	0	17.50	17.58	17.58	18	0	
5	HQAM	1	49	17.43	17.40	17.42			
5	HQAM	20	0	17.53	17.39	17.58			
5	HQAM	20	12	17.46	17.53	17.53	18	0	
5	HQAM	20	25	17.44	17.56	17.38			
5	HQAM	50	0	17.45	17.54	17.47			
5	HQAM	50	0	17.45	17.54	17.47	18	0	
5	HQAM	1	25	17.47	17.58	17.58			
5	HQAM	1	49	17.48	17.44	17.45			
5	HQAM	1	49	17.50	17.50	17.45	18	0	
5	HQAM	20	12	17.46	17.43	17.42			
5	HQAM	20	12	17.48	17.43	17.42	18	0	
5	HQAM	20	25	17.46	17.51	17.43			
5	HQAM	50	0	17.48	17.51	17.43			
Channel				37775	38000	38225	Transmit (dBm)	MPR (dB)	
Frequency (MHz)				17.125	17.125	17.125			
5	QPSK	1	0	17.55	17.56	17.44	18	0	
5	QPSK	1	12	17.35	17.41	17.58	18	0	
5	QPSK	24	12	17.44	17.51	17.59			
5	QPSK	24	12	17.54	17.55	17.44	18	0	
5	QPSK	12	7	17.36	17.43	17.52			
5	QPSK	12	7	17.43	17.52	17.52	18	0	
5	QPSK	20	0	17.38	17.44	17.51			
5	HQAM	1	0	17.48	17.48	17.51			
5	HQAM	1	0	17.48	17.48	17.51	18	0	
5	HQAM	1	24	17.38	17.47	17.43			
5	HQAM	12	0	17.51	17.44	17.43			
5	HQAM	12	0	17.57	17.49	17.48	18	0	
5	HQAM	12	13	17.47	17.42	17.31			
5	HQAM	20	0	17.51	17.56	17.46			
5	HQAM	20	0	17.56	17.48	17.45	18	0	
5	HQAM	1	12	17.55	17.53	17.40			
5	HQAM	1	24	17.53	17.42	17.46			
5	HQAM	12	7	17.44	17.45	17.42			
5	HQAM	12	7	17.52	17.37	17.35	18	0	

Band 38_Ant 31										
RF [MHz]	Modulation	RB [MHz]	RB Offset	Power [mW]	Power [mW]	Power [mW]	Turn-on [ms]	MFR [dB]		
Channel				37850	38000	38150				
Frequency (MHz)										
20	QPSK	1	0	24.05	24.04	24.07				
20	QPSK	1	49	24.12	24.15	24.09	25	0		
20	QPSK	56	0	24.11	24.14	24.21				
20	QPSK	56	49	23.98	23.95	23.97	24	1		
20	WDM	100	0	24.12	24.15	24.08				
20	WDM	100	0	23.98	23.95	23.91				
20	WDM	1	0	24.30	24.36	24.34	24.5	0		
20	WDM	1	49	24.37	24.41	24.37				
20	WDM	1	98	24.00	24.15	24.12				
20	WDM	50	0	23.99	23.97	23.91				
20	WDM	50	49	23.92	23.93	23.91	23.5	1.5		
20	WDM	100	0	23.92	23.93	23.91				
20	WDM	100	0	23.92	23.93	23.91				
20	WDM	1	49	22.97	22.96	22.91	23.5	1.5		
20	WDM	50	0	22.97	22.96	22.91				
20	WDM	50	49	22.94	22.97	22.94	22.5	2.5		
20	WDM	100	0	22.94	22.97	22.91				
20	WDM	100	0	22.92	22.98	22.98				
Channel				37850	38000	38150	Turn-on [ms]	MFR [dB]		
Frequency (MHz)										
15	QPSK	1	0	24.00	24.00	24.00	25	0		
15	QPSK	1	39	24.02	24.07	24.07				
15	QPSK	75	0	23.97	24.18	24.07				
15	QPSK	75	39	23.97	23.90	23.92	24	1		
15	QPSK	150	0	23.94	23.93	23.91				
15	QPSK	75	0	23.97	23.98	23.91				
15	WDM	1	0	24.22	24.36	24.32	24.5	0.5		
15	WDM	1	39	24.29	24.33	24.31				
15	WDM	1	74	23.98	24.11	23.97				
15	WDM	36	0	23.95	23.98	23.95				
15	WDM	36	39	23.92	23.90	23.92	23.5	1.5		
15	WDM	75	0	23.97	23.94	23.91				
15	WDM	75	0	23.91	23.93	23.98				
15	WDM	1	39	22.91	22.95	22.98	24.5	1.5		
15	WDM	1	74	22.95	22.91	22.97				
15	WDM	36	0	22.94	22.93	22.91				
15	WDM	36	39	22.92	22.92	22.98				
15	WDM	75	0	22.94	22.94	22.91				
15	WDM	75	0	22.95	22.95	22.95				
Channel				37850	38000	38150	Turn-on [ms]	MFR [dB]		
Frequency (MHz)										
10	QPSK	1	0	24.05	24.04	24.07				
10	QPSK	1	29	24.08	24.14	24.07	25	0		
10	QPSK	50	0	23.99	24.16	24.17				
10	QPSK	50	29	23.78	23.72	23.71	24	1		
10	QPSK	25	19	23.90	23.93	23.95				
10	QPSK	25	49	23.91	23.91	23.98				
10	QPSK	50	0	23.93	23.93	23.93				
10	WDM	1	0	24.36	24.27	24.36	24.5	0.5		
10	WDM	1	29	24.41	24.38	24.37				
10	WDM	1	49	23.93	24.05	24.02				

Band 41_Ant 13										
RW [MHz]	Modulation	RIS Size	RIS Offset	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]	Power Level [dBm]
Channel				36750	40185	40600	41005	41400	41805	42210
Frequency [MHz]				1	5	9	13	17	21	25
80	QPSK	1	5	17.17	17.20	17.24	17.27	17.30	17.34	17.38
80	QPSK	1	48	17.17	17.20	17.24	17.27	17.30	17.34	17.38
80	QPSK	50	5	17.21	17.24	17.28	17.31	17.35	17.39	17.43
80	QPSK	50	48	17.21	17.24	17.28	17.31	17.35	17.39	17.43
80	QPSK	50	24	17.23	17.27	17.31	17.35	17.38	17.42	17.46
80	QPSK	12	5	17.31	17.31	17.31	17.31	17.31	17.31	17.31
80	QPSK	12	48	17.31	17.31	17.31	17.31	17.31	17.31	17.31
80	QPSK	12	24	17.31	17.31	17.31	17.31	17.31	17.31	17.31
80	QPSK	1	5	17.23	17.25	17.25	17.26	17.26	17.26	17.26
80	QPSK	1	48	17.23	17.25	17.25	17.26	17.26	17.26	17.26
80	QPSK	1	96	17.24	17.19	17.14	17.26	17.14	17.26	17.14
80	QPSK	50	5	17.23	17.25	17.25	17.26	17.26	17.26	17.26
80	QPSK	50	48	17.23	17.25	17.25	17.26	17.26	17.26	17.26
80	QPSK	50	24	17.22	17.10	17.14	17.15	17.15	17.15	17.15
80	QPSK	50	96	17.23	17.22	17.25	17.25	17.25	17.25	17.25
80	QPSK	100	5	17.24	17.14	17.03	17.46	17.03	17.46	17.03
80	QPSK	100	48	17.24	17.14	17.03	17.46	17.03	17.46	17.03
80	QPSK	100	24	17.22	17.10	17.14	17.15	17.15	17.15	17.15
80	QPSK	100	96	17.23	17.22	17.25	17.25	17.25	17.25	17.25
80	QPSK	100	5	17.24	17.20	17.19	17.20	17.19	17.20	17.19
80	QPSK	100	48	17.24	17.20	17.19	17.20	17.19	17.20	17.19
80	QPSK	100	24	17.22	17.10	17.14	17.15	17.15	17.15	17.15
80	QPSK	100	96	17.22	17.10	17.14	17.15	17.15	17.15	17.15
80	QPSK	100	5	17.28	17.22	17.60	17.40	17.40	17.40	17.40
80	QPSK	100	48	17.28	17.22	17.60	17.40	17.40	17.40	17.40
80	QPSK	100	24	17.28	17.22	17.60	17.40	17.40	17.40	17.40
80	QPSK	100	96	17.28	17.22	17.60	17.40	17.40	17.40	17.40
Channel				36750	40185	40600	41005	41400	41805	42210
Frequency [MHz]				1	5	9	13	17	21	25
15	QPSK	1	5	17.23	17.12	17.12	17.59	17.59	17.59	17.59
15	QPSK	1	37	17.08	17.07	17.51	17.53	17.53	17.53	17.53
15	QPSK	74	5	17.27	17.05	17.54	17.41	17.41	17.41	17.23
15	QPSK	74	37	17.27	17.05	17.49	17.41	17.41	17.41	17.23
15	QPSK	38	20	17.18	17.08	17.37	17.44	17.43	17.43	17.23
15	QPSK	38	74	17.18	17.08	17.37	17.44	17.43	17.43	17.23
15	QPSK	75	5	17.27	17.04	17.30	17.34	17.34	17.34	17.27
15	QPSK	75	37	17.25	17.04	17.28	17.33	17.33	17.33	17.26
15	QPSK	75	5	17.25	17.04	17.28	17.33	17.33	17.33	17.26
15	QPSK	75	37	17.25	17.04	17.28	17.33	17.33	17.33	17.26
15	QPSK	1	48	17.29	17.23	17.25	17.25	17.25	17.25	17.25
15	QPSK	50	5	17.29	17.23	17.25	17.25	17.25	17.25	17.25
15	QPSK	50	48	17.29	17.23	17.25	17.25	17.25	17.25	17.25
15	QPSK	50	24	17.29	17.23	17.25	17.25	17.25	17.25	17.25
15	QPSK	50	96	17.29	17.23	17.25	17.25	17.25	17.25	17.25
15	QPSK	100	5	17.24	17.20	17.19	17.20	17.19	17.20	17.19
15	QPSK	100	48	17.24	17.20	17.19	17.20	17.19	17.20	17.19
15	QPSK	100	24	17.22	17.10	17.14	17.15	17.15	17.15	17.15
15	QPSK	100	96	17.22	17.10	17.14	17.15	17.15	17.15	17.15
Channel				36750	40185	40600	41005	41400	41805	42210
Frequency [MHz]				1	5	9	13	17	21	25
10	QPSK	1	25	17.06	17.14	17.48	17.53	17.53	17.53	17.53
10	QPSK	49	5	17.24	16.97	17.55	17.42	17.42	17.42	17.25
10	QPSK	25	13	17.24	16.97	17.55	17.42	17.42	17.42	17.25
10	QPSK	25	12	17.15	16.96	17.42	17.33	17.33	17.33	17.25
10	QPSK	25	12	17.15	16.96	17.42	17.33	17.33	17.33	17.25
10	QPSK	50	2	17.23	17.02	17.47	17.57	17.57	17.57	17.23
10	QPSK	50	2	17.23	17.02	17.47	17.57	17.57	17.57	17.23
10	QPSK	1	5	17.15	17.07	17.51	17.54	17.54	17.54	17.27
10	QPSK	1	48	17.15	17.07	17.51	17.54	17.54	17.54	17.27
10	QPSK	1	48	17.15	17.07	17.51	17.54	17.54	17.54	17.27
10	QPSK	1	48	17.15	17.07	17.51	17.54	17.54	17.54	17.27
10	QPSK	25	13	17.16	17.15	17.51	17.49	17.49	17.49	17.28
10	QPSK	25	13	17.15	17.15	17.55	17.46	17.46	17.46	17.28
10	QPSK	25	25	17.03	17.10	17.51	17.46	17.46	17.46	17.28
10	QPSK	50	5	17.11	17.07	17.51	17.54	17.54	17.54	17.24
10	QPSK	50	5	17.11	17.07	17.51	17.54	17.54	17.54	17.24
10	QPSK	25	13	17.14	17.39	17.51	17.46	17.46	17.46	17.27
10	QPSK	25	12	17.09	17.19	17.49	17.48	17.48	17.48	17.27
10	QPSK	25	20	17.17	17.17	17.50	17.47	17.47	17.47	17.28
10	QPSK	50	25	17.17	17.17	17.50	17.47	17.47	17.47	17.28
Channel				36675	40148	40600	41003	41406	41809	42212
Frequency [MHz]				1	5	9	13	17	21	25
5	QPSK	1	5	17.26	17.12	17.59	17.59	17.59	17.59	17.59
5	QPSK	1	12	17.08	17.06	17.53	17.49	17.49	17.49	17.23
5	QPSK	1	24	17.28	16.95	17.50	17.41	17.41	17.41	17.23
5	QPSK	12	7	17.13	17.07	17.53	17.49	17.49	17.49	17.23
5	QPSK	12	7	17.13	17.07	17.49	17.46	17.46	17.46	17.23
5	QPSK	26	17	17.25	17.06	17.41	17.44	17.44	17.44	17.21
5	QPSK	26	17	17.25	17.06	17.41	17.44	17.44	17.44	17.21
5	QPSK	1	5	17.19	17.11	17.41	17.41	17.41	17.41	17.28
5	QPSK	1	48	17.19	17.11	17.41	17.41	17.41	17.41	17.28
5	QPSK	1	48	17.19	17.11	17.41	17.41	17.41	17.41	17.28
5	QPSK	1	48	17.19	17.11	17.41	17.41	17.41	17.41	17.28
5	QPSK	12	5	17.05	17.19	17.44	17.46	17.46	17.46	17.28
5	QPSK	12	5	17.05	17.19	17.44	17.46	17.46	17.46	17.28
5	QPSK	12	19	17.06	17.13	17.42	17.46	17.46	17.46	17.28
5	QPSK	26	5	17.16	17.21	17.47	17.46	17.46	17.46	17.24
5	QPSK	26	5	17.16	17.21	17.47	17.46	17.46	17.46	17.24
5	QPSK	1	12	17.26	17.21	17.42	17.39	17.39	17.39	17.25
5	QPSK	12	12	17.26	17.21	17.42	17.39	17.39	17.39	17.25
5	QPSK	12	7	17.18	17.08	17.44	17.39	17.39	17.39	17.27
5	QPSK	12	7	17.18	17.08	17.44	17.39	17.39	17.39	17.27

		Band 41_Ant 31							
MFR (Hz)	BW (MHz)	Modulation	RB Sub-Carriers	RB Offset	Power	Power	Power		
					Low Power	Low Power	Power		
					CH / Freq	CH / Freq	CH / Freq		
0	Channel								
					56795	46186	46025		
		Frequency (MHz)			2560	2560	2560		
	20	QPSK	1	69	24.08	24.10	24.13		
	20	QPSK	1	69	26.05	26.02	26.15		
	20	QPSK	1	69	28.02	28.05	28.15		
	20	QPSK	50	24	28.05	28.00	28.23		
	20	QPSK	50	24	30.02	30.04	30.15		
	20	QPSK	100	60	23.74	23.74	23.77		
	20	HQAM	1	6	24.21	24.20	24.38		
	20	HQAM	1	6	26.22	26.20	26.35		
	20	HQAM	1	96	23.82	23.88	23.91		
	20	HQAM	50	30	23.90	23.90	23.94		
	20	HQAM	50	30	25.92	25.92	25.95		
	20	HQAM	100	60	23.25	23.24	23.30		
	0	Channel							
					56795	46186	46025		
		Frequency (MHz)			2560	2560	2560		
20		QPSK	1	69	24.08	24.10	24.13		
20		QPSK	1	69	26.05	26.02	26.15		
20		QPSK	1	69	28.02	28.05	28.15		
20		QPSK	50	24	28.05	28.00	28.23		
20		QPSK	50	24	30.02	30.04	30.15		
20		HQAM	1	46	23.12	23.11	23.28		
20		HQAM	1	46	25.14	25.13	25.28		
20		HQAM	50	30	23.96	23.96	23.97		
20		HQAM	50	30	25.95	25.95	25.97		
20		HQAM	100	60	22.29	22.35	22.41		
MFR (Hz)		Channel							
						56775	46175	46045	
			Frequency (MHz)			2560	2560	2560	
	15	QPSK	1	37	24.03	24.00	24.10		
	15	QPSK	1	37	26.03	26.00	26.14		
	15	QPSK	1	74	23.98	23.99	24.04		
	15	QPSK	1	74	25.97	25.98	26.03		
	15	QPSK	36	30	23.83	23.87	23.91		
	15	QPSK	36	30	25.83	25.87	25.91		
	15	QPSK	76	20	23.80	23.82	23.70		
	15	HQAM	1	6	24.06	24.22	24.22		
	15	HQAM	1	6	26.07	26.11	26.11		
	15	HQAM	1	74	23.85	23.80	23.95		
	15	HQAM	36	6	23.31	23.18	23.39		
	15	HQAM	36	6	25.32	25.29	25.33		
	15	HQAM	36	36	23.16	23.18	23.21		
0	Channel								
					56795	46186	46025		
		Frequency (MHz)			2560	2560	2560		
	15	HQAM	76	20	23.33	23.40	23.22		
	15	HQAM	76	20	25.37	25.42	25.41		
	15	HQAM	1	37	23.87	23.86	23.93		
	15	HQAM	1	74	23.87	23.94	23.99		
	15	HQAM	1	74	25.88	25.98	26.01		
	15	HQAM	36	20	23.37	23.40	23.39		
	15	HQAM	36	20	25.39	25.42	25.40		
	15	HQAM	76	6	23.16	23.26	23.30		
	MFR (Hz)	Channel							
						56795	46186	46025	
			Frequency (MHz)			2560	2560	2560	
		5	QPSK	1	60	24.45	24.44	24.45	
		10	QPSK	1	26	23.97	23.97	24.04	
10		QPSK	1	49	25.91	25.89	26.14		
10		QPSK	24	24	23.84	23.83	23.91		
10		QPSK	26	12	23.83	23.85	23.87		
10		QPSK	26	12	25.84	25.86	25.87		
10		QPSK	50	60	23.73	23.80	23.85		
10		HQAM	1	6	24.17	24.23	24.30		
10		HQAM	1	49	26.11	26.13	26.19		
10		HQAM	1	49	28.09	28.01	28.29		
10		HQAM	26	6	23.38	23.31	23.38		
10		HQAM	26	6	25.37	25.30	25.36		
10		HQAM	50	6	23.33	23.39	23.36		
10	HQAM	50	6	25.34	25.40	25.37			
0	Channel								
					56795	46186	46025		
		Frequency (MHz)			2560	2560	2560		
	10	HQAM	1	26	23.88	23.96	23.93		
	10	HQAM	1	49	25.92	25.99	26.03		
	10	HQAM	1	49	27.97	28.04	28.08		
	10	HQAM	24	24	23.82	23.84	23.86		
	10	HQAM	26	12	23.80	23.81	23.83		
	10	HQAM	26	12	25.81	25.81	25.83		
	10	HQAM	50	6	23.33	23.39	23.36		
	10	HQAM	50	6	25.34	25.40	25.37		
	10	HQAM	100	6	23.29	23.32	23.34		
	10	HQAM	12	12	23.24	23.31	23.33		
	10	HQAM	12	12	25.25	25.32	25.34		
	10	HQAM	24	18	23.20	23.23	23.24		
	10	HQAM	24	18	25.23	25.26	25.28		
5	Channel								
					56795	46186	46025		
		Frequency (MHz)			2560	2560	2560		
	5	QPSK	1	24	23.98	23.99	24.02		
	5	QPSK	1	24	25.99	26.01	26.03		
	5	QPSK	12	7	23.83	23.88	23.91		
	5	QPSK	12	7	25.89	25.93	25.96		
	5	QPSK	100	30	23.29	23.29	23.30		
	5	HQAM	1	6	23.98	23.82	23.65		
	5	HQAM	1	6	25.16	24.18	24.00		
	5	HQAM	1	24	23.98	23.90	23.72		
	5	HQAM	1	24	25.99	25.90	25.76		
	5	HQAM	12	7	23.34	23.30	23.28		
	5	HQAM	12	7	25.34	25.30	25.28		
	5	HQAM	24	7	23.34	23.30	23.28		
	5	HQAM	24	7	25.34	25.30	25.28		

Power tag CH / Freq.	Turn-up time (dBm)	MPR (dB)
14460		
24.14		
24.13	25	0
23.85		
23.82		
23.74		
24.36	24.5	0.5
24.23		
23.20	23.5	1.5
23.14		
23.45	23.5	1.5
23.42		
23.15	23.5	1.5
23.34		
22.37	22.5	2.5
22.34		
22.15		
14415	Turn-up time (dBm)	MPR (dB)
24.08		
23.86	25	0
24.03		
23.82		
24.11	24	1
23.81		
23.69		
24.08		
23.74	24.5	0.5
23.22		
23.14	23.5	1.5
23.27		
23.30	23.5	1.5
22.92	23.5	1.5
22.90		
22.32	22.5	2.5
22.31		
22.30		
14410	Turn-up time (dBm)	MPR (dB)
24.10		
24.04	25	0
23.88		
23.79		
23.67		
23.63	24	1
23.87		
24.24	24.5	0.5
23.33		
23.30		
23.15	23.5	1.5
23.36		
23.35		
23.13	23.5	1.5
22.99		
22.90		
22.23	22.5	2.5
22.23		
14465	Turn-up time (dBm)	MPR (dB)
24.00		
24.01	25	0
24.12		
24.10		
23.70	24	1
23.67		
24.25		
24.11	24.5	0.5
23.84		
23.29	23.5	1.5
23.15		
23.31	23.5	1.5
23.06	23.5	1.5
22.90		
22.25	22.5	2.5
22.25		
22.40		
22.27		

Reduced Power Mode for DSI8

GSM850_Ant 13		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		128	189	251	Limit		128	189	251	Limit	
Frequency (MHz)		32.52	32.53	32.54	(dBm)		32.52	32.53	32.54	(dBm)	
GSM 1 Tx slot		32.50	32.53	32.54	33.50		23.50	23.53	23.54	24.50	
GPRS 1 Tx slot		32.37	32.45	32.53	33.50		23.37	23.45	23.53	24.50	
GPRS 2 Tx slots		30.33	30.56	30.47	31.50		24.33	24.56	24.47	25.50	
GPRS 3 Tx slots		28.75	28.89	29.02	29.50		24.49	24.63	24.76	25.24	
GPRS 4 Tx slots		26.70	26.92	27.01	28.00		23.70	23.92	24.01	25.00	
EDGE(GMSK 1 Tx slot)		32.24	32.37	32.50	33.50		23.24	23.37	23.50	24.50	
EDGE(GMSK 2 Tx slot)		30.28	30.39	30.32	31.50		24.28	24.39	24.32	25.50	
EDGE(GMSK 3 Tx slot)		28.75	28.80	28.66	29.50		24.49	24.54	24.40	25.24	
EDGE(GMSK 4 Tx slot)		26.58	26.73	26.62	28.00		23.58	23.73	23.62	25.00	
EDGE 1 Tx slot		27.51	27.60	27.54	28.50		18.51	18.60	18.54	19.50	
EDGE 2 Tx slots		26.20	26.24	26.30	26.50		20.20	20.24	20.10	20.50	
EDGE 3 Tx slots		24.14	24.22	24.19	24.50		19.88	19.98	19.93	20.24	
EDGE 4 Tx slots		22.00	22.15	22.02	22.50		19.00	19.15	19.02	19.50	

GSM1800_Ant 13		Burst Average Power (dBm)			Tune-up		Frame Average Power (dBm)			Tune-up	
TX Channel		512	861	810	Limit		512	861	810	Limit	
Frequency (MHz)		1850.2	1860	1909.8	(dBm)		1850.2	1860	1909.8	(dBm)	
GSM 1 Tx slot		27.22	27.15	27.02	27.50		18.22	18.15	18.02	18.50	
GPRS 1 Tx slot		27.20	27.07	26.91	27.50		18.20	18.07	17.91	18.50	
GPRS 2 Tx slots		25.17	25.18	24.95	26.50		19.17	19.18	18.95	19.50	
GPRS 3 Tx slots		23.16	23.09	23.01	23.50		18.90	18.83	18.75	19.24	
GPRS 4 Tx slots		21.18	21.16	21.06	22.00		18.18	18.16	18.06	19.00	
EDGE(GMSK 1 Tx slot)		27.11	27.01	26.87	27.50		18.11	18.01	17.87	18.50	
EDGE(GMSK 2 Tx slot)		25.12	25.05	24.91	25.50		19.12	19.05	18.91	19.50	
EDGE(GMSK 3 Tx slot)		23.19	23.06	22.91	23.50		18.84	18.80	18.65	19.24	
EDGE(GMSK 4 Tx slot)		21.17	21.06	21.02	22.00		18.17	18.08	18.02	19.00	
EDGE 1 Tx slot		26.38	26.53	26.51	27.00		17.38	17.53	17.51	18.00	
EDGE 2 Tx slots		24.86	24.94	24.85	25.00		16.86	16.94	16.85	17.00	
EDGE 3 Tx slots		23.13	23.27	23.28	23.50		18.87	19.01	19.02	19.24	
EDGE 4 Tx slots		21.68	21.62	21.61	22.00		18.68	18.62	18.61	19.00	

Band		WCDMA E_Ant 13			Tune-up		WCDMA E_Ant 31			Tune-up	
TX Channel		9262	9400	9538	Limit		9262	9400	9538	Limit	
Rx Channel		9662	9800	9938	(dBm)		9662	9800	9938	(dBm)	
Frequency (MHz)		1852.4	1860	1907.6	(dBm)		1852.4	1860	1907.6	(dBm)	
3GPP Rel 99	AMR 12.2Kbps	18.39	18.07	18.16	19.50		19.73	19.88	19.74	20.00	
3GPP Rel 99	RMC 12.2Kbps	18.42	18.77	18.23	19.50		19.88	19.50	19.89	20.00	
3GPP Rel 6	HSDPA Subtest-1	18.63	18.76	18.71	18.50		17.89	17.98	17.89	19.00	
3GPP Rel 6	HSDPA Subtest-2	18.04	18.06	18.03	18.00		17.16	17.26	17.19	18.50	
3GPP Rel 6	HSDPA Subtest-3	15.67	15.68	15.65	17.50		16.81	17.00	16.97	18.00	
3GPP Rel 6	HSDPA Subtest-4	15.78	15.77	15.83	17.50		16.91	17.04	17.02	18.00	
3GPP Rel 8	DC-HSDPA Subtest-1	16.59	16.77	16.57	18.50		17.93	17.94	17.70	19.00	
3GPP Rel 8	DC-HSDPA Subtest-2	16.08	16.06	16.06	18.00		17.13	17.15	17.10	18.50	
3GPP Rel 8	DC-HSDPA Subtest-3	15.57	15.69	15.54	17.50		16.79	16.92	16.99	18.00	
3GPP Rel 8	DC-HSDPA Subtest-4	15.67	15.77	15.67	17.50		16.96	17.02	16.84	18.00	
3GPP Rel 6	HSUPA Subtest-1	14.50	14.55	14.59	16.50		15.81	15.53	15.44	17.00	
3GPP Rel 6	HSUPA Subtest-2	15.17	15.06	14.97	16.30		16.03	15.37	15.20	16.80	
3GPP Rel 6	HSUPA Subtest-3	14.48	14.67	15.14	16.00		15.40	15.20	15.14	16.50	
3GPP Rel 6	HSUPA Subtest-4	14.56	14.65	14.60	15.50		15.35	15.26	15.04	16.00	
3GPP Rel 6	HSUPA Subtest-5	16.87	17.06	17.09	18.50		17.86	17.75	17.89	19.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.85	17.07	17.04	18.50		17.87	17.74	17.81	19.00	

Band		WCDMA V_Ant 13			Tune-up		WCDMA V_Ant 31			Tune-up	
TX Channel		4132	4182	4233	Limit		4132	4182	4233	Limit	
Rx Channel		4357	4407	4458	(dBm)		4357	4407	4458	(dBm)	
Frequency (MHz)		826.4	836.4	846.6	(dBm)		826.4	836.4	846.6	(dBm)	
3GPP Rel 99	AMR 12.2Kbps	23.98	24.05	24.04	25.00		24.16	24.23	24.12	25.00	
3GPP Rel 99	RMC 12.2Kbps	24.03	24.06	24.05	25.00		24.18	24.24	24.13	25.00	
3GPP Rel 6	HSDPA Subtest-1	22.51	22.59	22.52	24.00		22.63	22.67	22.66	24.00	
3GPP Rel 6	HSDPA Subtest-2	22.07	22.22	22.20	23.50		22.32	22.36	22.31	23.50	
3GPP Rel 6	HSDPA Subtest-3	21.72	21.84	21.71	23.50		21.88	21.95	21.87	23.50	
3GPP Rel 6	HSDPA Subtest-4	21.70	21.73	21.69	23.40		21.79	21.88	21.78	23.40	
3GPP Rel 6	DC-HSDPA Subtest-1	22.48	22.56	22.45	24.00		22.50	22.62	22.64	24.00	
3GPP Rel 8	DC-HSDPA Subtest-2	21.93	22.18	22.17	23.80		22.18	22.22	22.28	23.80	
3GPP Rel 8	DC-HSDPA Subtest-3	21.68	21.79	21.70	23.50		21.76	21.83	21.79	23.50	
3GPP Rel 8	DC-HSDPA Subtest-4	21.64	21.70	21.63	23.40		21.67	21.87	21.67	23.40	
3GPP Rel 6	HSUPA Subtest-1	20.58	20.57	20.59	22.20		20.42	20.43	20.56	22.20	
3GPP Rel 6	HSUPA Subtest-2	21.02	21.04	21.09	23.00		21.05	21.05	21.01	23.00	
3GPP Rel 6	HSUPA Subtest-3	21.00	21.02	20.88	22.50		20.94	20.97	20.83	22.50	
3GPP Rel 6	HSUPA Subtest-4	20.70	20.59	20.68	21.50		20.68	20.47	20.74	21.50	
3GPP Rel 6	HSUPA Subtest-5	23.00	23.10	22.90	24.50		22.96	23.00	22.85	24.50	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.92	22.99	22.75	24.00		22.84	22.87	22.80	24.00	

GSM850_Ant 31		Burst Average Power (dBm)			Tune-up		Frame-Average Power (dBm)			Tune-up	
Tx Channel		128	189	251	Limit		128	189	251	Limit	
Frequency (MHz)		32.4	32.4	32.4	(dBm)		32.4	32.4	32.4	(dBm)	
GSM 1 Tx slot		32.40	32.47	32.53	33.50		23.40	23.47	23.53	24.50	
GPRS 1 Tx slot		32.39	32.46	32.51	33.50		23.39	23.46	23.51	24.50	
GPRS 2 Tx slots		30.36	30.56	30.52	31.50		24.36	24.56	24.52	25.50	
GPRS 3 Tx slots		28.75	28.87	28.98	29.50		24.49	24.61	24.72	25.24	
GPRS 4 Tx slots		26.63	26.79	26.96	28.00		23.63	23.79	23.96	25.00	
EDGE(GMSK 1 Tx slot)		32.46	32.47	32.41	33.50		23.46	23.47	23.41	24.50	
EDGE(GMSK 2 Tx slot)		30.3	30.46	30.42	31.50		24.3	24.46	24.42	25.50	
EDGE(GMSK 3 Tx slot)		28.77	28.87	28.82	29.50		24.51	24.61	24.56	25.24	
EDGE(GMSK 4 Tx slot)		26.78	26.79	26.68	28.00		23.68	23.69	23.58	25.00	
EDGE 1 Tx slot		27.28	27.38	27.30	28.00		23.28	23.38	23.30	23.90	
EDGE 2 Tx slots		26.45	26.49	26.35	26.50		20.45	20.49	20.35	20.50	
EDGE 3 Tx slots		24.39	24.47	24.44	24.50		20.39	20.47	20.44	20.24	
EDGE 4 Tx slots		21.95	22.03	22.02	22.50		18.95	19.03	19.02	19.50	

Band 2_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch / Freq [Ch / Freq]	Power Max Ch / Freq [Ch / Freq]	Power High Ch / Freq [Ch / Freq]	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	15.44	15.47	15.48	19.5	0	
20	QPSK	1	49	15.43	15.39	15.27			
20	QPSK	1	99	15.40	15.46	15.40			
20	QPSK	50	0	15.33	15.43	15.33			
20	QPSK	50	24	15.32	15.36	15.36			
20	QPSK	50	50	15.33	15.35	15.26			
20	QPSK	100	0	15.36	15.42	15.26			
20	16QAM	1	0	15.31	15.33	15.29			
20	16QAM	1	49	15.43	15.39	15.27			
20	16QAM	1	99	15.35	15.45	15.28			
20	16QAM	50	0	15.30	15.41	15.39			
20	16QAM	50	24	15.36	15.46	15.30			
20	16QAM	50	50	15.31	15.36	15.30			
20	16QAM	100	0	15.29	15.32	15.26			
20	64QAM	1	0	15.31	15.45	15.32			
20	64QAM	1	49	15.32	15.44	15.32			
20	64QAM	1	99	15.38	15.40	15.26			
20	64QAM	50	0	15.41	15.39	15.30			
20	64QAM	50	24	15.42	15.34	15.40			
20	64QAM	50	50	15.43	15.32	15.30			
20	64QAM	100	0	15.32	15.38	15.39			
Channel									
Frequency (MHz)									
15	QPSK	1	0	15.75	15.75	15.75	19.5	0	
15	QPSK	1	37	15.20	15.44	15.14			
15	QPSK	1	74	15.38	15.37	15.35			
15	QPSK	36	0	15.36	15.36	15.25			
15	QPSK	36	19	15.35	15.35	15.19			
15	QPSK	36	39	15.30	15.32	15.25			
15	QPSK	75	0	15.30	15.32	15.23			
15	16QAM	1	0	15.29	15.29	15.21			
15	16QAM	1	37	15.33	15.32	15.22			
15	16QAM	1	74	15.34	15.39	15.19			
15	16QAM	36	0	15.26	15.30	15.25			
15	16QAM	36	19	15.22	15.44	15.25			
15	16QAM	36	39	15.21	15.22	15.16			
15	16QAM	75	0	15.18	15.30	15.14			
15	64QAM	1	0	15.20	15.27	15.25			
15	64QAM	1	37	15.23	15.43	15.28			
15	64QAM	1	74	15.33	15.27	15.19			
15	64QAM	36	0	15.27	15.26	15.25			
15	64QAM	36	19	15.27	15.27	15.25			
15	64QAM	36	39	15.35	15.31	15.38			
15	64QAM	75	0	15.24	15.27	15.34			
Channel									
Frequency (MHz)									
10	QPSK	1	0	15.29	15.38	15.30	19.5	0	
10	QPSK	1	25	15.29	15.35	15.14			
10	QPSK	1	49	15.25	15.38	15.28			
10	QPSK	25	0	15.27	15.35	15.25			
10	QPSK	25	12	15.24	15.38	15.22			
10	QPSK	25	25	15.32	15.25	15.16			
10	QPSK	50	0	15.42	15.35	15.27			
10	16QAM	1	0	15.24	15.32	15.26			
10	16QAM	1	25	15.36	15.35	15.18			
10	16QAM	1	49	15.30	15.37	15.14			
10	16QAM	25	0	15.20	15.27	15.26			
10	16QAM	25	12	15.34	15.38	15.29			
10	16QAM	25	25	15.16	15.21	15.17			
10	16QAM	50	0	15.26	15.20	15.26			
10	16QAM	50	25	15.28	15.23	15.23			
10	64QAM	1	0	15.28	15.43	15.30			
10	64QAM	1	49	15.27	15.35	15.13			
10	64QAM	1	25	15.28	15.33	15.29			
10	64QAM	25	0	15.28	15.25	15.26			
10	64QAM	25	12	15.31	15.24	15.36			
10	64QAM	50	0	15.18	15.27	15.34			
Channel									
Frequency (MHz)									
5	QPSK	1	0	15.31	15.32	15.34	19.5	0	
5	QPSK	1	12	15.21	15.30	15.24			
5	QPSK	1	24	15.31	15.24	15.24			
5	QPSK	12	0	15.27	15.28	15.36			
5	QPSK	12	7	15.33	15.26	15.25			
5	QPSK	12	13	15.22	15.27	15.12			
5	QPSK	15	0	15.33	15.27	15.11			
5	16QAM	1	0	15.16	15.32	15.14			
5	16QAM	1	12	15.30	15.25	15.15			
5	16QAM	15	0	15.28	15.23	15.26			
5	16QAM	12	7	15.34	15.33	15.17			
5	16QAM	12	13	15.17	15.24	15.18			
5	16QAM	25	0	15.17	15.30	15.17			
5	64QAM	1	0	15.30	15.33	15.21			
5	64QAM	1	12	15.24	15.20	15.20			
5	64QAM	12	7	15.28	15.34	15.15			
5	64QAM	12	13	15.33	15.30	15.25			
5	64QAM	25	0	15.20	15.24	15.30			
Channel									
Frequency (MHz)									
3	QPSK	1	0	15.41	15.34	15.31	19.5	0	
3	QPSK	1	8	15.24	15.42	15.11			
3	QPSK	1	14	15.26	15.32	15.33			
3	QPSK	8	0	15.38	15.39	15.29			
3	QPSK	8	4	15.36	15.30	15.28			
3	QPSK	8	7	15.18	15.32	15.12			
3	QPSK	15	0	15.20	15.40	15.16			
3	16QAM	1	0	15.20	15.25	15.16			
3	16QAM	1	8	15.33	15.27	15.18			
3	16QAM	15	0	15.26	15.30	15.20			
3	16QAM	8	0	15.22	15.38	15.36			
3	16QAM	8	4	15.34	15.42	15.27			
3	16QAM	8	7	15.19	15.35	15.15			
3	16QAM	15	0	15.17	15.27	15.16			
3	64QAM	1	0	15.22	15.31	15.21			
3	64QAM	1	8	15.26	15.35	15.21			
3	64QAM	15	0	15.24	15.25	15.14			
3	64QAM	8	0	15.28	15.37	15.16			
3	64QAM	8	4	15.24	15.20	15.29			
3	64QAM	8	7	15.42	15.31	15.31			
3	64QAM	15	0	15.24	15.30	15.25			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	15.33	15.38	15.36	19.5	0	
1.4	QPSK	1	3	15.19	15.36	15.17			
1.4	QPSK	1	5	15.37	15.40	15.33			
1.4	QPSK	3	0	15.36	15.33	15.37			
1.4	QPSK	3	1	15.33	15.38	15.16			
1.4	QPSK	3	15	15.26	15.27	15.13			
1.4	QPSK	6	0	15.32	15.31	15.23			
1.4	16QAM	1	0	15.29	15.19	15.14			
1.4	16QAM	1	3	15.34	15.33	15.26			
1.4	16QAM	1	5	15.32	15.36	15.19			
1.4	16QAM	3	0	15.23	15.29	15.35			
1.4	16QAM	3	1	15.17	15.29	15.22			
1.4	16QAM	6	0	15.26	15.25	15.16			
1.4	16QAM	1	0	15.25	15.36	15.18			
1.4	64QAM	1	0	15.29	15.32	15.21			
1.4	64QAM	1	3	15.36	15.32	15.30			
1.4	64QAM	3	0	15.30	15.34	15.20			
1.4	64QAM	3	1	15.36	15.37	15.21			
1.4	64QAM	3	15	15.26	15.22	15.36			
1.4	64QAM	6	0	15.28	15.35	15.35			

Band 2_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch / Freq [Ch / Freq]	Power Max Ch / Freq [Ch / Freq]	Power High Ch / Freq [Ch / Freq]	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	15.05	15.07	15.05	20	0	
20	QPSK	1	49	15.34	15.43	15.35			
20	QPSK	1	99	15.87	15.96	15.95			
20	QPSK	50	0	15.15	15.16	15.15			
20	QPSK	50	24	15.06	15.02	15.02			
20	QPSK	50	50	15.33	15.94	15.94			
20	QPSK	100	0	15.93	15.95	15.91			
20	16QAM	1	0	15.94	15.89	15.84			
20	16QAM	1	49	15.91	15.83	15.83			
20	16QAM	1	99	15.93	15.98	15.90			
20	16QAM	50	0	15.80	15.90	15.87			
20	16QAM	50	24	15.86	15.83	15.84			
20	16QAM	50	50	15.93	15.91	15.84			
20	16QAM	100	0	15.88	15.94	15.98			

Band 5_Ant 13											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Turn-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				20450	20455	20460					
				829	836.5	844					
10	QPSK	1	0	24.35	24.37	24.27	25	0			
10	QPSK	1	25	24.29	24.32	24.17					
10	QPSK	1	49	24.20	24.23	24.12					
10	QPSK	25	0	23.02	23.08	23.03					
10	QPSK	25	12	23.61	23.63	23.51	24.5	0.5			
10	QPSK	25	25	23.54	23.63	23.62					
10	QPSK	50	0	23.53	23.63	23.65					
10	16QAM	1	0	24.25	24.26	24.15					
10	16QAM	1	25	23.97	24.10	23.96	24.5	0.5			
10	16QAM	1	49	23.90	24.03	24.01					
10	16QAM	25	0	23.17	23.28	23.16					
10	16QAM	25	12	23.17	23.21	23.17					
10	16QAM	25	25	23.16	23.24	23.11	23.5	1.5			
10	16QAM	50	0	23.22	23.26	23.21					
10	16QAM	1	0	23.21	23.24	23.21					
10	16QAM	1	25	23.07	23.21	23.19					
10	16QAM	1	49	23.17	23.22	23.08	23.5	1.5			
10	16QAM	25	0	22.18	22.26	22.22					
10	16QAM	25	12	22.26	22.27	22.17					
10	16QAM	25	25	22.04	22.16	22.01					
10	16QAM	50	0	22.21	22.23	22.19	22.5	2.5			
Channel											
Frequency (MHz)				826.5 <th>836.5<th>846.5<th colspan="3"></th></th></th>	836.5 <th>846.5<th colspan="3"></th></th>	846.5 <th colspan="3"></th>					
				826.5 <th>836.5<th>846.5<th colspan="3"></th></th></th>	836.5 <th>846.5<th colspan="3"></th></th>	846.5 <th colspan="3"></th>					
5	QPSK	1	0	24.30	24.30	24.24	25	0			
5	QPSK	1	12	24.18	24.30	24.09					
5	QPSK	1	24	24.17	24.19	24.09					
5	QPSK	12	0	23.48	23.57	23.50					
5	QPSK	12	7	23.52	23.62	23.49	24.5	0.5			
5	QPSK	12	13	23.40	23.62	23.55					
5	QPSK	25	0	23.45	23.57	23.42					
5	16QAM	1	0	24.12	24.14	24.06					
5	16QAM	1	12	23.88	24.09	23.89	24.5	0.5			
5	16QAM	1	24	23.89	23.92	23.87					
5	16QAM	12	0	23.07	23.18	23.12					
5	16QAM	12	7	23.07	23.09	23.09					
5	16QAM	12	13	23.06	23.15	23.06	23.5	1.5			
5	16QAM	25	0	23.13	23.21	23.09					
5	16QAM	1	0	23.20	23.22	23.16					
5	16QAM	1	12	22.95	23.15	23.05					
5	16QAM	1	24	23.16	23.18	22.94	23.5	1.5			
5	16QAM	12	0	22.12	22.15	22.15					
5	16QAM	12	7	22.17	22.21	22.08					
5	16QAM	12	13	21.91	22.06	21.99					
5	16QAM	25	0	22.12	22.09	22.11	22.5	2.5			
Channel											
Frequency (MHz)				824.5 <th>20525<th>20635<th colspan="3"></th></th></th>	20525 <th>20635<th colspan="3"></th></th>	20635 <th colspan="3"></th>					
				824.5 <th>836.5<th>847.5<th colspan="3"></th></th></th>	836.5 <th>847.5<th colspan="3"></th></th>	847.5 <th colspan="3"></th>					
3	QPSK	1	0	24.34	24.32	24.20	25	0			
3	QPSK	1	8	24.26	24.19	24.05					
3	QPSK	1	14	24.15	24.19	24.14					
3	QPSK	8	0	23.57	23.67	23.54					
3	QPSK	8	4	23.59	23.55	23.42	24.5	0.5			
3	QPSK	8	7	23.42	23.62	23.36					
3	QPSK	15	0	23.97	23.86	23.47					
3	16QAM	1	0	24.15	24.24	24.13					
3	16QAM	1	8	23.94	24.09	23.90	24.5	0.5			
3	16QAM	1	14	23.84	23.88	23.99					
3	16QAM	8	0	23.09	23.20	23.06					
3	16QAM	8	4	23.09	23.07	23.06					
3	16QAM	8	7	23.12	23.13	23.87	23.5	1.5			
3	16QAM	15	0	23.06	23.11	23.10					
3	16QAM	1	0	23.18	23.11	23.08					
3	16QAM	1	8	22.82	23.19	23.05					
3	16QAM	1	14	23.15	23.16	22.95	23.5	1.5			
3	16QAM	8	0	22.09	22.12	22.09					
3	16QAM	8	4	22.13	22.24	22.09					
3	16QAM	8	7	21.99	22.13	21.90					
3	16QAM	15	0	22.13	22.16	22.12	22.5	2.5			
Channel											
Frequency (MHz)				824.7 <th>20525<th>20643<th colspan="3"></th></th></th>	20525 <th>20643<th colspan="3"></th></th>	20643 <th colspan="3"></th>					
				824.7 <th>836.5<th>848.3<th colspan="3"></th></th></th>	836.5 <th>848.3<th colspan="3"></th></th>	848.3 <th colspan="3"></th>					
1.4	QPSK	1	0	24.25	24.26	24.18	25	0			
1.4	QPSK	1	3	24.17	24.20	24.04					
1.4	QPSK	1	6	24.13	24.13	24.14					
1.4	QPSK	3	0	24.36	24.28	24.12					
1.4	QPSK	3	1	24.21	24.24	24.09	24.5	0.5			
1.4	QPSK	3	3	24.16	24.14	24.15					
1.4	QPSK	6	0	23.47	23.50	23.53					
1.4	16QAM	1	0	23.86	23.86	23.74					
1.4	16QAM	1	3	23.86	23.87	23.53	24.5	0.5			
1.4	16QAM	1	6	23.96	23.86	23.76					
1.4	16QAM	3	0	23.90	23.93	23.62					
1.4	16QAM	3	1	23.54	23.56	23.44					
1.4	16QAM	3	3	23.45	23.52	23.55	23.5	1.5			
1.4	16QAM	6	0	22.75	22.87	22.75					
1.4	16QAM	1	0	22.79	22.85	22.88					
1.4	16QAM	1	3	22.65	22.87	22.74					
1.4	16QAM	1	6	22.74	22.81	22.79	23.5	1.5			
1.4	16QAM	3	0	22.76	22.83	22.73					
1.4	16QAM	3	1	22.75	22.79	22.72					
1.4	16QAM	3	3	22.79	22.79	22.79					
1.4	16QAM	6	0	21.86	21.81	21.82	22.5	2.5			

Band 5_Ant 31											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Time-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	23.30	23.40	23.38	24	0			
10	QPSK	1	25	23.31	23.36	23.30					
10	QPSK	1	49	23.34	23.42	23.31					
10	QPSK	25	0	23.31	23.40	23.35					
10	QPSK	25	12	23.29	23.29	23.23	24	0			
10	QPSK	25	25	23.27	23.33	23.29					
10	QPSK	50	0	23.23	23.25	23.21					
10	16QAM	1	0	23.04	23.08	23.06					
10	16QAM	1	25	23.16	23.33	23.24	24	0			
10	16QAM	1	49	23.24	23.28	23.24					
10	16QAM	25	0	22.25	22.26	22.21					
10	16QAM	25	12	22.65	22.66	22.61					
10	16QAM	25	25	22.30	22.36	22.21	23.5	0.5			
10	16QAM	50	0	22.72	22.74	22.70					
10	16QAM	1	0	22.76	22.86	22.75					
10	16QAM	1	25	22.74	22.84	22.83					
10	16QAM	1	49	22.90	22.82	22.80	22.5	1.5			
10	16QAM	25	0	21.05	21.61	21.54					
10	16QAM	25	12	21.62	21.73	21.64					
10	16QAM	25	25	21.64	21.65	21.64					
10	16QAM	50	0	21.68	21.79	21.72	22.5	1.5			
Channel											
Frequency (MHz)				825.5 <th>836.5<th>846.5<th colspan="3">Time-up limit (dBm)</th></th></th>	836.5 <th>846.5<th colspan="3">Time-up limit (dBm)</th></th>	846.5 <th colspan="3">Time-up limit (dBm)</th>	Time-up limit (dBm)				
5	QPSK	1	0	23.20	23.35	23.28	24	0			
5	QPSK	1	12	23.17	23.21	23.23					
5	QPSK	1	24	23.28	23.36	23.28					
5	QPSK	12	0	23.23	23.28	23.24					
5	QPSK	12	7	23.20	23.17	23.11	24	0			
5	QPSK	12	13	23.26	23.26	23.22					
5	QPSK	25	0	23.21	23.12	23.20					
5	16QAM	1	0	22.91	22.95	22.90					
5	16QAM	1	12	23.05	23.22	23.22	24	0			
5	16QAM	1	24	23.16	23.24	23.20					
5	16QAM	12	0	22.17	22.19	22.25					
5	16QAM	12	7	22.96	22.98	22.98					
5	16QAM	12	13	22.24	22.24	22.11	23.5	0.5			
5	16QAM	25	0	22.08	22.13	22.08					
5	16QAM	1	0	22.69	22.72	22.60					
5	16QAM	1	12	22.69	22.79	22.74					
5	16QAM	1	24	22.98	22.94	22.98	22.5	1.5			
5	16QAM	12	0	22.36	22.48	22.58					
5	16QAM	12	7	21.53	21.53	21.58					
5	16QAM	12	7	21.51	21.56	21.63					
5	16QAM	12	13	21.68	21.81	21.68	22.5	1.5			
5	16QAM	25	0	21.63	21.53	21.58					
Channel											
Frequency (MHz)				820.5 <th>2052.5<th>2060.5<th colspan="3">Time-up limit (dBm)</th></th></th>	2052.5 <th>2060.5<th colspan="3">Time-up limit (dBm)</th></th>	2060.5 <th colspan="3">Time-up limit (dBm)</th>	Time-up limit (dBm)				
3	QPSK	1	0	23.30	23.32	23.36	24	0			
3	QPSK	1	14	23.30	23.29	23.29					
3	QPSK	1	14	23.31	23.41	23.30					
3	QPSK	8	0	23.23	23.33	23.19					
3	QPSK	8	4	23.17	23.16	23.19	24	0			
3	QPSK	8	7	23.15	23.30	23.24					
3	QPSK	15	0	23.15	23.17	23.18					
3	16QAM	1	0	22.92	23.04	22.94					
3	16QAM	1	8	23.10	23.23	23.22	24	0			
3	16QAM	1	14	23.15	23.15	23.13					
3	16QAM	1	4	22.25	22.23	22.12					
3	16QAM	8	4	22.98	22.63	22.58					
3	16QAM	1	7	22.25	22.26	22.26	23.5	0.5			
3	16QAM	15	0	22.71	22.71	22.68					
3	16QAM	1	0	22.69	22.79	22.64					
3	16QAM	1	8	22.67	22.74	22.64					
3	16QAM	1	14	22.56	22.56	22.47	23.5	0.5			
3	16QAM	8	0	21.42	21.53	21.51					
3	16QAM	8	4	21.51	21.60	21.56					
3	16QAM	7	0	21.68	21.63	21.61					
3	16QAM	15	0	21.61	21.78	21.71	22.5	1.5			
Channel											
Frequency (MHz)				2040.7 <td>2052.5</td> <td>2064.3</td> <th colspan="3">Time-up limit (dBm)</th>	2052.5	2064.3	Time-up limit (dBm)				
1.4	QPSK	1	0	23.24	836.5	846.5	24	0			
1.4	QPSK	1	0	23.23	23.44	23.28					
1.4	QPSK	1	5	23.18	23.22	23.26					
1.4	QPSK	1	5	23.21	23.37	23.22					
1.4	QPSK	3	0	23.23	23.43	23.35	24	0			
1.4	QPSK	3	1	23.28	23.26	23.28					
1.4	QPSK	3	2	23.29	23.29	23.29					
1.4	QPSK	6	0	23.28	23.33	23.28					
1.4	16QAM	1	0	23.18	23.12	23.20	24	0			
1.4	16QAM	1	3	23.20	23.24	23.15					
1.4	16QAM	3	0	23.12	23.12	23.16					
1.4	16QAM	3	1	23.15	23.32	23.15					
1.4	16QAM	3	1	23.13	23.13	23.13	24	0			
1.4	16QAM	6	0	22.25	22.20	22.22					
1.4	16QAM	1	0	22.33	23.33	22.21					
1.4	16QAM	3	3	22.77	22.38	22.39					
1.4	16QAM	1	0	22.16	22.16	22.28	23.5	0.5			
1.4	16QAM	3	0	22.25	22.37	23.31					
1.4	16QAM	3	1	22.24	22.41	22.28					
1.4	16QAM	3	2	22.19	22.21	22.21					
1.4	16QAM	6	0	21.22	21.25	21.21	22.5	1.5			
Channel											
Frequency (MHz)				2122 <td>2125</td> <td>2121</td> <th colspan="3">Time-up limit (dBm)</th>	2125	2121	Time-up limit (dBm)				

Band 13_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Freq	Power Middle Freq	Power High Freq	Turn-up time (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				752					
10	QPSK	1	0	24.37			25	0	
10	QPSK	1	25	24.26					
10	QPSK	1	49	24.37					
10	QPSK	25	0	23.58			24	1	
10	QPSK	25	12	23.52					
10	QPSK	25	25	23.49					
10	QPSK	50	0	23.09			24.5	0.5	
10	16QAM	1	0	24.29					
10	16QAM	1	25	24.24					
10	16QAM	1	49	24.21			23.5	1.5	
10	16QAM	25	0	23.22					
10	16QAM	25	12	23.26					
10	16QAM	25	25	23.18			23.5	1.5	
10	16QAM	50	0	23.04					
10	64QAM	1	0	23.21			23.5	1.5	
10	64QAM	1	25	23.21					
10	64QAM	1	49	23.19					
10	64QAM	25	0	22.28			22.5	2.5	
10	64QAM	25	12	22.29					
10	64QAM	25	25	22.28					
10	64QAM	50	0	22.30					
Channel									
Frequency (MHz)				23205	23236	23265	Turn-up time (dBm)	MPR (dB)	
				779.5	782	784.5			
5	QPSK	1	0	24.30	24.32	24.32	25	0	
5	QPSK	1	12	24.13	24.19	24.19			
5	QPSK	1	24	24.29	24.21	24.29			
5	QPSK	12	0	23.46	23.53	23.49	24	1	
5	QPSK	12	7	23.50	23.43	23.37			
5	QPSK	12	13	23.37	23.48	23.43			
5	QPSK	25	0	23.59	23.56	23.53	24.5	0.5	
5	16QAM	1	0	24.27	24.26	24.17			
5	16QAM	1	12	24.23	24.09	24.20			
5	16QAM	1	24	24.18	24.12	24.11	23.5	1.5	
5	16QAM	12	0	23.11	23.15	23.13			
5	16QAM	12	7	23.25	23.17	23.17			
5	16QAM	12	13	23.13	23.14	23.09	23.5	1.5	
5	16QAM	25	0	22.86	23.01	22.85			
5	64QAM	1	0	23.07	23.20	23.16	23.5	1.5	
5	64QAM	1	12	23.11	23.20	23.15			
5	64QAM	1	24	23.16	23.08	23.12	22.5	2.5	
5	64QAM	12	0	22.25	22.21	22.17			
5	64QAM	12	7	22.28	22.23	22.20			
5	64QAM	12	13	22.24	22.24	22.23			
5	64QAM	25	0	22.26	22.20	22.23			

Band 13_Ant 31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Freq)	Power Middle Ch (Freq)	Power High Ch (Freq)	Turn-up time (dBm)	MPR (dB)	
Channel				23230					
Frequency (MHz)				782					
10	QPSK	1	0	23.66	23.66		25		
10	QPSK	1	25	23.61	23.61				
10	QPSK	1	49	23.44	23.44				
10	QPSK	25	0	22.85	22.85		24	1	
10	QPSK	25	12	22.84	22.84				
10	QPSK	25	25	22.82	22.82				
10	QPSK	50	0	22.74	22.74		24	1	
10	16QAM	1	0	23.35	23.35				
10	16QAM	1	25	23.44	23.44				
10	16QAM	1	49	23.35	23.35		23	2	
10	16QAM	25	0	22.11	22.11				
10	16QAM	25	12	22.14	22.14				
10	16QAM	25	25	22.09	22.09		23	2	
10	16QAM	50	0	22.10	22.10				
10	64QAM	1	0	22.23	22.23		22	3	
10	64QAM	1	25	22.30	22.30				
10	64QAM	1	49	22.20	22.20				
10	64QAM	25	0	20.96	20.96		22	3	
10	64QAM	25	12	21.10	21.10				
10	64QAM	25	25	21.00	21.00				
10	64QAM	50	0	21.22	21.22				
Channel				23205		23230		23255	
Frequency (MHz)				779.5		782		784.5	
5	QPSK	1	0	23.59	23.58	23.59	25	0	
5	QPSK	1	12	23.51	23.47	23.60			
5	QPSK	1	24	23.42	23.35	23.30			
5	QPSK	12	0	22.83	22.83	22.82	24	1	
5	QPSK	12	7	22.80	22.84	22.89			
5	QPSK	12	13	22.49	22.47	22.49			
5	QPSK	25	0	22.67	22.63	22.63	24	1	
5	16QAM	1	0	23.23	23.24	23.26			
5	16QAM	1	12	23.38	23.37	23.31			
5	16QAM	1	24	23.50	23.44	23.40	24	1	
5	16QAM	12	0	22.84	22.89	22.80			
5	16QAM	12	7	21.99	22.12	22.10			
5	16QAM	12	13	22.07	22.00	22.00	23	2	
5	16QAM	25	0	21.99	22.02	22.00			
5	64QAM	1	0	22.21	22.13	22.22	23	2	
5	64QAM	1	12	22.19	22.22	22.20			
5	64QAM	1	24	22.05	22.08	22.18	22	3	
5	64QAM	12	0	20.89	20.87	20.82			
5	64QAM	12	7	21.09	21.02	21.08			
5	64QAM	12	13	20.85	20.85	20.85			
5	64QAM	25	0	21.17	21.20	21.11			

Band 26_Ant 13												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
15	QPSK	1	0	24.26	24.38	24.37	25	0				
15	QPSK	1	37	24.23	24.34	24.30						
15	QPSK	1	74	24.18	24.32	24.32						
15	QPSK	36	0	23.63	23.73	23.71	24.5	0.5				
15	QPSK	36	20	23.68	23.71	23.70						
15	QPSK	36	39	23.55	23.64	23.55						
15	QPSK	75	0	23.71	23.73	23.70	24.5	0.5				
15	16QAM	1	0	24.10	24.21	24.20						
15	16QAM	1	37	24.15	24.26	24.14						
15	16QAM	1	74	24.22	24.23	24.22	23.5	1.5				
15	16QAM	36	0	23.31	23.43	23.32						
15	16QAM	36	20	23.25	23.30	23.24						
15	16QAM	36	39	23.38	23.45	23.38	23.5	1.5				
15	16QAM	75	0	23.42	23.48	23.47						
15	64QAM	1	0	23.29	23.44	23.36	22.5	2.5				
15	64QAM	1	37	23.23	23.23	23.25						
15	64QAM	1	74	23.40	23.49	23.43						
15	64QAM	36	0	22.36	22.42	22.34	22.5	2.5				
15	64QAM	36	20	22.42	22.45	22.39						
15	64QAM	36	39	22.44	22.47	22.42						
15	64QAM	75	0	22.38	22.45	22.44						
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.22	24.23	24.23	25	0				
10	QPSK	1										
10	QPSK	1	49	24.12	24.30	24.18						
10	QPSK	25	0	23.60	23.66	23.66	24.5	0.5				
10	QPSK	25	12	23.57	23.67	23.67						
10	QPSK	25	25	23.56	23.61	23.58						
10	16QAM	1	0	23.87	24.09	24.12	24.5	0.5				
10	16QAM	1	37	24.06	24.23	24.08						
10	16QAM	1	49	24.14	24.18	24.12						
10	16QAM	25	0	23.19	23.28	23.17	23.5	1.5				
10	16QAM	25	12	23.12	23.30	23.21						
10	16QAM	25	25	23.27	23.30	23.21						
10	64QAM	1	0	23.26	23.38	23.29	22.5	1.5				
10	64QAM	1	37	23.24	23.31	23.21						
10	64QAM	1	49	23.37	23.47	23.38						
10	64QAM	25	0	22.33	22.35	22.24	22.5	2.5				
10	64QAM	25	12	22.28	22.43	22.37						
10	64QAM	25	25	22.32	22.36	22.33						
10	64QAM	50	0	22.30	22.31	22.36						
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.31	24.38	24.38	25	0				
5	QPSK	1	12	24.21	24.24	24.20						
5	QPSK	1	24	24.06	24.19	24.10						
5	QPSK	12	0	23.62	23.71	23.63	24.5	0.5				
5	QPSK	12	6	23.54	23.66	23.64						
5	QPSK	12	13	23.45	23.56	23.51						
5	QPSK	25	0	23.61	23.65	23.64	24.5	0.5				
5	QPSK	25	12	24.06	24.11	24.05						
5	QPSK	25	24	24.09	24.13	24.08						
5	16QAM	1	24	24.17	24.18	24.17	23.5	1.5				
5	16QAM	12	0	23.24	23.34	23.28						
5	16QAM	12	6	23.19	23.32	23.23						
5	16QAM	12	13	23.29	23.39	23.30	23.5	1.5				
5	16QAM	25	0	23.28	23.41	23.45						
5	16QAM	25	12	23.38	23.43	23.32						
5	64QAM	1	12	23.19	23.32	23.13	22.5	1.5				
5	64QAM	1	24	23.31	23.38	23.32						
5	64QAM	12	0	22.35	22.37	22.24						
5	64QAM	12	6	22.40	22.42	22.36	22.5	2.5				
5	64QAM	12	13	22.41	22.42	22.29						
5	64QAM	25	0	22.30	22.31	22.40						
Channel												
Frequency (MHz)												
3	QPSK	1	0	24.17	24.27	24.18	25	0				
3	QPSK	1	8	24.15	24.21	24.16						
3	QPSK	1	14	24.15	24.30	24.13						
3	QPSK	8	0	23.56	23.66	23.66	24.5	0.5				
3	QPSK	8	4	23.60	23.70	23.65						
3	QPSK	8	7	23.43	23.62	23.41						
3	QPSK	15	0	23.57	23.67	23.69	24.5	0.5				
3	16QAM	1	8	24.09	24.14	24.14						
3	16QAM	1	8	24.10	24.23	24.13						
3	16QAM	1	14	24.08	24.08	24.15	23.5	1.5				
3	16QAM	8	0	23.19	23.30	23.25						
3	16QAM	8	4	23.10	23.27	23.21						
3	16QAM	8	7	23.28	24.00	23.25	23.5	1.5				
3	16QAM	15	0	23.28	23.41	23.24						
3	16QAM	15	8	23.14	23.39	23.35						
3	64QAM	1	8	23.13	23.23	23.20	22.5	2.5				
3	64QAM	1	14	23.28	23.36	23.36						
3	64QAM	8	0	22.32	22.32	22.34						
3	64QAM	8	4	22.34	22.30	22.35	22.5	2.5				
3	64QAM	8	7	22.34	22.45	22.34						
3	64QAM	15	0	22.30	22.36	22.31						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	24.13	24.28	24.28	25	0				
1.4	QPSK	1	3	24.20	24.22	24.28						
1.4	QPSK	1	6	24.07	24.31	24.27						
1.4	QPSK	3	0	24.20	24.25	24.27	24.5	0.5				
1.4	QPSK	3	1	24.20	24.27	24.26						
1.4	QPSK	3	3	24.14	24.20	24.14						
1.4	QPSK	3	6	23.38	23.69	23.61	24.5	0.5				
1.4	16QAM	1	0	23.52	23.68	23.61						
1.4	16QAM	1	3	23.50	23.61	23.55						
1.4	16QAM	1	6	23.54	23.64	23.56	24.5	0.5				
1.4	16QAM	3	0	23.68	23.68	23.67						
1.4	16QAM	3	1	23.57	23.60	23.69						
1.4	16QAM	3	3	23.57	23.64	23.62	23.5	1.5				
1.4	16QAM	6	0	23.56	23.62	23.62						
1.4	64QAM	1	0	22.74	22.86	22.81						
1.4	64QAM	1	3	22.71	22.82	22.87	23.5	1.5				
1.4	64QAM	1	6	22.80	22.87	22.87						
1.4	64QAM	3	0	22.67	22.84	22.70						
1.4	64QAM	3	1	22.76	22.80	22.78	22.5	2.5				
1.4	64QAM	3	3	22.75	22.87	22.83						
1.4	64QAM	6	0	22.74	22.88	22.83						

Band 66_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	19.20	19.33	19.51	19.5	0	
20	QPSK	1	48	19.23	19.24	19.24	19.5	0	
20	QPSK	1	96	19.26	19.32	19.19	19.5	0	
20	QPSK	50	0	19.27	19.29	19.27	19.5	0	
20	QPSK	50	24	19.18	19.24	19.24	19.5	0	
20	QPSK	50	50	19.19	19.21	19.19	19.5	0	
20	QPSK	100	0	19.18	19.22	19.20	19.5	0	
20	16QAM	1	0	19.27	19.31	19.26	19.5	0	
20	16QAM	1	48	19.21	19.22	19.20	19.5	0	
20	16QAM	1	96	19.19	19.32	19.25	19.5	0	
20	16QAM	50	0	19.16	19.32	19.20	19.5	0	
20	16QAM	50	24	19.21	19.23	19.17	19.5	0	
20	16QAM	50	50	19.27	19.20	19.25	19.5	0	
20	16QAM	100	0	19.16	19.30	19.25	19.5	0	
20	64QAM	1	0	19.23	19.29	19.20	19.5	0	
20	64QAM	1	48	19.25	19.18	19.23	19.5	0	
20	64QAM	1	96	19.27	19.25	19.23	19.5	0	
20	64QAM	50	0	19.20	19.23	19.20	19.5	0	
20	64QAM	50	24	19.18	19.31	19.17	19.5	0	
20	64QAM	50	50	19.23	19.20	19.23	19.5	0	
20	64QAM	100	0	19.18	19.19	19.24	19.5	0	
Channel									
Frequency (MHz)									
15	QPSK	1	0	19.21	19.24	19.21	19.5	0	
15	QPSK	1	37	19.14	19.15	19.15	19.5	0	
15	QPSK	1	74	19.24	19.21	19.11	19.5	0	
15	QPSK	36	0	19.24	19.18	19.25	19.5	0	
15	QPSK	36	20	19.07	19.09	19.08	19.5	0	
15	QPSK	36	39	19.10	19.15	19.17	19.5	0	
15	QPSK	75	0	19.07	19.21	19.16	19.5	0	
15	16QAM	1	0	19.14	19.20	19.14	19.5	0	
15	16QAM	1	37	19.11	19.14	19.20	19.5	0	
15	16QAM	1	74	19.04	19.24	19.20	19.5	0	
15	16QAM	36	0	19.14	19.23	19.06	19.5	0	
15	16QAM	36	20	19.08	19.17	19.11	19.5	0	
15	16QAM	36	39	19.14	19.12	19.15	19.5	0	
15	16QAM	75	0	19.14	19.17	19.10	19.5	0	
15	64QAM	1	0	19.13	19.27	19.07	19.5	0	
15	64QAM	1	37	19.10	19.09	19.11	19.5	0	
15	64QAM	1	74	19.26	19.12	19.11	19.5	0	
15	64QAM	36	0	19.08	19.19	19.13	19.5	0	
15	64QAM	36	20	19.10	19.19	19.12	19.5	0	
15	64QAM	36	39	19.05	19.24	19.23	19.5	0	
15	64QAM	75	0	19.11	19.18	19.16	19.5	0	
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.23	19.19	19.27	19.5	0	
10	QPSK	1	25	19.19	19.12	19.10	19.5	0	
10	QPSK	1	49	19.21	19.27	19.13	19.5	0	
10	QPSK	25	0	19.15	19.19	19.26	19.5	0	
10	QPSK	25	12	19.14	19.18	19.22	19.5	0	
10	QPSK	25	25	19.16	19.10	19.07	19.5	0	
10	QPSK	50	0	19.10	19.16	19.17	19.5	0	
10	16QAM	1	0	19.23	19.24	19.22	19.5	0	
10	16QAM	1	25	19.14	19.15	19.22	19.5	0	
10	16QAM	1	49	19.05	19.26	19.16	19.5	0	
10	16QAM	25	0	19.03	19.27	19.06	19.5	0	
10	16QAM	25	12	19.14	19.14	19.14	19.5	0	
10	16QAM	25	25	19.23	19.09	19.22	19.5	0	
10	16QAM	50	0	19.04	19.22	19.13	19.5	0	
10	64QAM	1	0	19.18	19.28	19.15	19.5	0	
10	64QAM	1	25	19.13	19.08	19.11	19.5	0	
10	64QAM	1	49	19.17	19.22	19.08	19.5	0	
10	64QAM	25	0	19.10	19.08	19.07	19.5	0	
10	64QAM	25	12	19.05	19.22	19.08	19.5	0	
10	64QAM	25	25	19.22	19.14	19.20	19.5	0	
10	64QAM	50	0	19.12	19.14	19.10	19.5	0	
Channel									
Frequency (MHz)									
5	QPSK	1	0	19.16	19.31	19.23	19.5	0	
5	QPSK	1	12	19.15	19.12	19.15	19.5	0	
5	QPSK	1	24	19.18	19.27	19.05	19.5	0	
5	QPSK	12	0	19.15	19.19	19.12	19.5	0	
5	QPSK	12	7	19.09	19.12	19.09	19.5	0	
5	QPSK	12	13	19.04	19.10	19.04	19.5	0	
5	QPSK	25	0	19.10	19.18	19.15	19.5	0	
5	16QAM	1	0	19.13	19.23	19.15	19.5	0	
5	16QAM	1	12	19.09	19.14	19.25	19.5	0	
5	16QAM	1	24	19.11	19.26	19.14	19.5	0	
5	16QAM	12	0	19.02	19.30	19.08	19.5	0	
5	16QAM	12	7	19.16	19.21	19.12	19.5	0	
5	16QAM	12	13	19.16	19.17	19.18	19.5	0	
5	16QAM	25	0	19.11	19.21	19.10	19.5	0	
5	64QAM	1	0	19.15	19.20	19.12	19.5	0	
5	64QAM	1	12	19.13	19.07	19.22	19.5	0	
5	64QAM	1	24	19.20	19.14	19.19	19.5	0	
5	64QAM	12	0	19.10	19.19	19.15	19.5	0	
5	64QAM	12	7	19.02	19.25	19.06	19.5	0	
5	64QAM	12	13	19.16	19.18	19.15	19.5	0	
5	64QAM	25	0	19.04	19.15	19.09	19.5	0	
Channel									
Frequency (MHz)									
3	QPSK	1	0	19.19	19.23	19.21	19.5	0	
3	QPSK	1	8	19.18	19.21	19.07	19.5	0	
3	QPSK	1	14	19.24	19.17	19.08	19.5	0	
3	QPSK	8	0	19.13	19.23	19.22	19.5	0	
3	QPSK	8	4	19.08	19.11	19.15	19.5	0	
3	QPSK	8	7	19.04	19.08	19.08	19.5	0	
3	QPSK	15	0	19.03	19.17	19.19	19.5	0	
3	16QAM	1	0	19.26	19.24	19.11	19.5	0	
3	16QAM	1	8	19.08	19.16	19.14	19.5	0	
3	16QAM	1	14	19.05	19.29	19.22	19.5	0	
3	16QAM	8	0	19.11	19.27	19.05	19.5	0	
3	16QAM	8	4	19.11	19.11	19.14	19.5	0	
3	16QAM	8	7	19.21	19.07	19.10	19.5	0	
3	16QAM	15	0	19.14	19.26	19.20	19.5	0	
3	64QAM	1	0	19.10	19.26	19.18	19.5	0	
3	64QAM	1	8	19.24	19.14	19.14	19.5	0	
3	64QAM	1	14	19.13	19.19	19.12	19.5	0	
3	64QAM	8	0	19.10	19.22	19.07	19.5	0	
3	64QAM	8	4	19.12	19.22	19.09	19.5	0	
3	64QAM	8	7	19.13	19.16	19.22	19.5	0	
3	64QAM	15	0	19.11	19.06	19.18	19.5	0	
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	19.27	19.24	19.24	19.5	0	
1.4	QPSK	1	3	19.09	19.23	19.03	19.5	0	
1.4	QPSK	1	5	19.14	19.26	19.08	19.5	0	
1.4	QPSK	3	0	19.21	19.17	19.25	19.5	0	
1.4	QPSK	3	1	19.11	19.18	19.12	19.5	0	
1.4	QPSK	3	3	19.18	19.10	19.16	19.5	0	
1.4	QPSK	6	0	19.14	19.18	19.06	19.5	0	
1.4	16QAM	1	0	19.25	19.18	19.14	19.5	0	
1.4	16QAM	1	3	19.19	19.16	19.15	19.5	0	
1.4	16QAM	1	5	19.07	19.29	19.22	19.5	0	
1.4	16QAM	3	0	19.06	19.26	19.17	19.5	0	
1.4	16QAM	3	1	19.11	19.11	19.11	19.5	0	
1.4	16QAM	3	3	19.16	19.06	19.22	19.5	0	
1.4	64QAM	1	0	19.03	19.25	19.21	19.5	0	
1.4	64QAM	1	0	19.18	19.21	19.07	19.5	0	
1.4	64QAM	1	3	19.11	19.10	19.10	19.5	0	
1.4	64QAM	1	5	19.15	19.23	19.09	19.5	0	
1.4	64QAM	3	0	19.17	19.09	19.09	19.5	0	
1.4	64QAM	3	1	19.13	19.19	19.08	19.5	0	
1.4	64QAM	3	3	19.22	19.19	19.28	19.5	0	
1.4	64QAM	6	0	19.06	19.05	19.21	19.5	0	

Band 66_Ant 31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Freq Ch	Power Mid Freq Ch	Power High Freq Ch	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				13202	13232	13262			
20	QPSK	1	0	19.58	19.78	19.98			
20	QPSK	1	49	19.67	19.81	19.94			
20	QPSK	50	0	19.47	19.68	19.87	20	0	
20	QPSK	50	0	19.62	19.69	19.91			
20	QPSK	50	24	19.81	19.82	19.88			
20	QPSK	100	0	19.42	19.68	19.98			
20	QPSK	100	0	19.62	19.71	19.95			
20	16QAM	1	0	19.63	19.58	19.51			
20	16QAM	1	49	19.48	19.60	19.58			
20	16QAM	50	0	19.66	19.58	19.62	20	0	
20	16QAM	50	0	19.54	19.58	19.47			
20	16QAM	50	24	19.42	19.70	19.62			
20	16QAM	50	50	19.62	19.68	19.70			
20	16QAM	100	0	19.51	19.63	19.62			
20	16QAM	1	0	19.54	19.57	19.67			
20	16QAM	1	49	19.67	19.67	19.59			
20	16QAM	50	0	19.56	19.58	19.51			
20	16QAM	50	0	19.42	19.57	19.59			
20	16QAM	50	24	19.56	19.67	19.61			
20	16QAM	50	50	19.56	19.64	19.62	20	0	
20	16QAM	50	50	19.48	19.68	19.56			
Channel									
Frequency (MHz)				13202	13232	13262	Turn-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	19.71	19.75	19.77.5			
15	QPSK	1	0	19.53	19.63	19.59			
15	QPSK	1	49	19.48	19.48	19.33			
15	QPSK	1	74	19.33	19.63	19.63			
15	QPSK	36	0	19.50	19.62	19.48			
15	QPSK	36	20	19.57	19.61	19.34			
15	QPSK	36	50	19.29	19.64	19.56	20	0	
15	QPSK	75	0	19.53	19.73	19.51			
15	16QAM	1	0	19.54	19.46	19.39			
15	16QAM	1	0	19.32	19.57	19.57			
15	16QAM	1	74	19.56	19.56	19.57			
15	16QAM	36	0	19.45	19.49	19.42			
15	16QAM	36	20	19.39	19.59	19.59			
15	16QAM	36	50	19.48	19.65	19.65	20	0	
15	16QAM	75	0	19.42	19.50	19.41			
15	16QAM	1	0	19.45	19.50	19.60			
15	16QAM	1	0	19.65	19.58	19.44			
15	16QAM	1	74	19.42	19.50	19.48			
15	16QAM	36	0	19.38	19.47	19.52			
15	16QAM	36	20	19.49	19.61	19.61			
15	16QAM	36	50	19.48	19.61	19.31			
15	16QAM	75	0	19.35	19.55	19.42			
Channel									
Frequency (MHz)				13202	13232	13262	Turn-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	19.48	19.48	19.55			
10	QPSK	1	25	19.51	19.44	19.30			
10	QPSK	1	49	19.34	19.53	19.60			
10	QPSK	1	74	19.53	19.53	19.53			
10	QPSK	25	12	19.52	19.60	19.39			
10	QPSK	25	28	19.38	19.58	19.45			
10	QPSK	50	0	19.47	19.64	19.63			
10	16QAM	1	0	19.48	19.64	19.39			
10	16QAM	1	25	19.42	19.60	19.51			
10	16QAM	1	49	19.29	19.64	19.60			
10	16QAM	25	12	19.47	19.65	19.43			
10	16QAM	25	28	19.40	19.62	19.56			
10	16QAM	25	28	19.47	19.68	19.59			
10	16QAM	50	0	19.36	19.48	19.43			
10	16QAM	50	0	19.50	19.59	19.51			
10	16QAM	1	25	19.53	19.63	19.63			
10	16QAM	1	49	19.55	19.49	19.37			
10	16QAM	1	25	19.32	19.45	19.56			
10	16QAM	25	12	19.45	19.61	19.59			
10	16QAM	25	28	19.53	19.59	19.35			
10	16QAM	50	0	19.48	19.59	19.48			
Channel									
Frequency (MHz)				13199	13232	13267	Turn-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.57	19.71	19.63			
5	QPSK	1	12	19.58	19.29	19.35			
5	QPSK	1	12	19.35	19.65	19.55			
5	QPSK	12	0	19.48	19.68	19.52			
5	QPSK	12	7	19.48	19.60	19.43			
5	QPSK	12	13	19.28	19.68	19.56			
5	QPSK	25	0	19.53	19.65	19.51			
5	16QAM	1	0	19.61	19.54	19.43			
5	16QAM	1	12	19.35	19.27	19.48			
5	16QAM	1	12	19.51	19.61	19.53			
5	16QAM	12	0	19.40	19.45	19.35			
5	16QAM	12	7	19.32	19.59	19.48			
5	16QAM	12	13	19.50	19.65	19.57			
5	16QAM	25	0	19.45	19.43	19.35	20	0	
5	16QAM	1	0	19.47	19.44	19.62			
5	16QAM	12	0	19.63	19.63	19.51			
5	16QAM	1	12	19.47	19.47	19.43			
5	16QAM	12	0	19.30	19.42	19.53			
5	16QAM	12	7	19.42	19.62	19.50			
5	16QAM	12	13	19.48	19.65	19.32			
5	16QAM	25	0	19.40	19.63	19.49			
Channel									
Frequency (MHz)				13199	13232	13267	Turn-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	19.11	19.45	19.77.5			
3	QPSK	1	0	19.46	19.77	19.58			
3	QPSK	1	0	19.35	19.65	19.29			
3	QPSK	1	14	19.39	19.54	19.55			
3	QPSK	8	0	19.49	19.24	19.55			
3	QPSK	8	7	19.60	19.47	19.45			
3	QPSK	8	7	19.32	19.60	19.51			
3	QPSK	15	0	19.61	19.71	19.36			
3	16QAM	1	0	19.51	19.61	19.51			
3	16QAM	1	14	19.42	19.54	19.43			
3	16QAM	1	14	19.54	19.59	19.51			
3	16QAM	8	0	19.48	19.47	19.38			
3	16QAM	8	7	19.33	19.59	19.59			
3	16QAM	8	7	19.56	19.58	19.51			
3	16QAM	15	0	19.40	19.39	19.42			
3	16QAM	15	0	19.50	19.51	19.53			
3	16QAM	1	8	19.54	19.68	19.55			
3	16QAM	1	14	19.47	19.54	19.47			
3	16QAM	8	0	19.41	19.56	19.57			
3	16QAM	8	7	19.47	19.55	19.47			
3	16QAM	8	7	19.52	19.54	19.38			
3	16QAM	15	0	19.44	19.53	19.52			
Channel									
Frequency (MHz)				13199	13232	13267	Turn-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	19.45	19.77	19.63			
1.4	QPSK	1	3	19.47	19.42	19.40			
1.4	QPSK	1	5	19.38	19.61	19.54			
1.4	QPSK	1	5	19.47	19.59	19.29	20	0	
1.4	QPSK	3	1	19.58	19.54	19.42			
1.4	QPSK	3	3	19.53	19.66	19.49			
1.4	QPSK	3	3	19.58	19.58	19.58	20	0	
1.4	QPSK	3	3	19.49	19.52	19.44			
1.4	16QAM	1	3	19.35	19.46	19.56			
1.4	16QAM	3	1	19.45	19.59	19.59			
1.4	16QAM	3	1	19.34	19.64	19.54			
1.4	16QAM	3	1	19.48	19.63	19.66			
1.4	16QAM	3	3	19.40	19.47	19.37			
1.4	16QAM	1	0	19.40	19.48	19.55			
1.4	16QAM	1	3	19.66	19.58	19.58			
1.4	16QAM	3	1	19.45	19.53	19.41			
1.4	16QAM	3	1	19.40	19.40	19.40			
1.4	16QAM	3	1	19.53	19.63	19.46			
1.4	16QAM	3	3	19.41	19.61	19.36			
1.4	16QAM	3	3	19.53	19.52	19.52			

Band 38_Ant 13														
BW (MHz)	Modulation	RB Sub	RB Offset	Power Low Ch (Frac)	Power Med Ch (Frac)	Power High Ch (Frac)	Turn-up (mW)	MFR (dB)						
Channel														
Frequency (MHz)				37600	38000	38100	2610							
20	QPSK	1	0	17.81	17.83	17.72		18.5	0					
20	QPSK	1	40	17.72	17.69	17.65								
20	QPSK	1	80	17.74	17.82	17.68								
20	QPSK	50	0	17.76	17.80	17.71								
20	QPSK	50	24	17.69	17.75	17.59								
20	QPSK	50	50	17.71	17.77	17.65								
20	QPSK	100	0	17.75	17.78	17.61								
20	QPSK	100	24	17.66	17.73	17.60								
20	QPSK	1	40	17.72	17.72	17.64		18.5	0					
20	QPSK	1	80	17.82	17.71	17.68								
20	QPSK	50	0	17.78	17.72	17.68								
20	QPSK	50	24	17.73	17.77	17.61								
20	QPSK	50	50	17.78	17.69	17.61		18.5	0					
20	QPSK	100	0	17.76	17.76	17.59								
Channel				37625	38000	38175	2612.5		Turn-up (mW)	MFR (dB)				
Frequency (MHz)				2612.5		2617.5								
15	QPSK	1	0	17.68	17.68	17.63		18.5	0					
15	QPSK	1	37	17.67	17.66	17.58								
15	QPSK	1	74	17.65	17.78	17.53								
15	QPSK	36	0	17.65	17.78	17.60								
15	QPSK	36	20	17.62	17.71	17.51								
15	QPSK	36	36	17.68	17.69	17.54		18.5	0					
15	QPSK	75	0	17.70	17.70	17.65								
15	QPSK	75	20	17.71	17.69	17.61								
15	QPSK	1	37	17.65	17.65	17.57		18.5	0					
15	QPSK	1	74	17.71	17.65	17.45								
15	QPSK	36	0	17.67	17.67	17.48								
15	QPSK	36	20	17.71	17.69	17.59		18.5	0					
15	QPSK	36	36	17.63	17.60	17.52								
15	QPSK	75	0	17.68	17.68	17.52								
15	QPSK	1	0	17.62	17.68	17.48		18.5	0					
15	QPSK	1	37	17.67	17.59	17.51								
15	QPSK	1	74	17.68	17.60	17.59								
15	QPSK	36	0	17.65	17.65	17.48		18.5	0					
15	QPSK	36	20	17.61	17.64	17.58								
15	QPSK	36	36	17.70	17.63	17.53		22.5	0					
15	QPSK	75	0	17.68	17.73	17.51								
Channel				37600	38000	38100	2610		Turn-up (mW)	MFR (dB)				
Frequency (MHz)				2610		2615								
10	QPSK	1	0	17.68	17.78	17.62		18.5	0					
10	QPSK	1	25	17.61	17.65	17.46								
10	QPSK	1	40	17.68	17.68	17.51								
10	QPSK	25	0	17.62	17.62	17.48								
10	QPSK	25	12	17.58	17.65	17.45		18.5	0					
10	QPSK	25	25	17.67	17.71	17.54								
10	QPSK	50	0	17.62	17.72	17.55								
10	QPSK	1	0	17.72	17.69	17.52		18.5	0					
10	QPSK	1	25	17.62	17.55	17.48								
10	QPSK	1	40	17.67	17.60	17.51								
10	QPSK	25	0	17.72	17.74	17.58								
10	QPSK	25	12	17.68	17.70	17.61		18.5	0					
10	QPSK	25	25	17.59	17.65	17.52								
10	QPSK	50	0	17.60	17.67	17.63		18.5	0					
10	QPSK	1	0	17.72	17.65	17.53								
10	QPSK	1	40	17.67	17.65	17.63								
10	QPSK	25	12	17.70	17.76	17.54		18.5	0					
10	QPSK	25	25	17.65	17.64	17.53								
10	QPSK	50	0	17.68	17.75	17.61								
Channel				37775	38000	38225	2617.5		Turn-up (mW)	MFR (dB)				
Frequency (MHz)				2617.5		2617.5								
5	QPSK	1	0	17.62	17.60	17.53		18.5	0					
5	QPSK	1	12	17.68	17.63	17.51								
5	QPSK	1	24	17.71	17.77	17.62								
5	QPSK	12	0	17.68	17.78	17.68								
5	QPSK	12	7	17.60	17.64	17.51		18.5	0					
5	QPSK	12	13	17.65	17.62	17.53								
5	QPSK	24	0	17.64	17.73	17.48								
5	QPSK	1	0	17.65	17.65	17.58								
5	QPSK	1	12	17.69	17.68	17.60		18.5	0					
5	QPSK	1	24	17.76	17.67	17.57								
5	QPSK	12	0	17.62	17.65	17.48								
5	QPSK	12	7	17.61	17.66	17.50		18.5	0					
5	QPSK	12	13	17.53	17.65	17.50								
5	QPSK	25	0	17.69	17.78	17.54								
5	QPSK	1	0	17.62	17.62	17.54								
5	QPSK	1	12	17.62	17.71	17.51		18.5	0					
5	QPSK	1	24	17.76	17.67	17.57								
5	QPSK	12	0	17.68	17.62	17.57								
5	QPSK	12	7	17.63	17.74	17.52		18.5	0					
5	QPSK	12	13	17.74	17.59	17.48								
5	QPSK	25	0	17.62	17.67	17.58								

Band 38_Ant 31									
BW (MHz)	Modulation	RB Sub	RB Offset	Power Low Ch (Frac)	Power Med Ch (Frac)	Power High Ch (Frac)	Turn-up (dBm)	MFR (dB)	
Channel									
Frequency (MHz)				37650	38000	38150			
20	QPSK	1	0	21.05	21.72	21.70			
20	QPSK	1	40	21.04	21.67	21.62	22.5	0	
20	QPSK	1	80	21.04	21.67	21.56			
20	QPSK	50	0	21.03	21.69	21.61			
20	QPSK	50	24	21.06	21.59	21.58	22.5	0	
20	QPSK	50	50	21.03	21.59	21.58			
20	QPSK	100	0	21.07	21.67	21.57			
20	QPSK	100	24	21.06	21.63	21.64	22.5	0	
20	QPSK	1	80	21.06	21.71	21.55			
20	QPSK	50	0	21.02	21.60	21.60			
20	QPSK	50	24	21.07	21.64	21.64	22.5	0	
20	QPSK	100	0	21.07	21.70	21.58			
20	QPSK	1	40	21.07	21.64	21.62	22.5	0	
20	QPSK	1	80	21.04	21.67	21.67			
20	QPSK	50	0	21.04	21.61	21.56			
20	QPSK	50	24	21.08	21.64	21.62	22.5	0	
20	QPSK	100	0	21.03	21.67	21.68			
20	QPSK	1	80	21.06	21.69	21.64			
Channel									
Frequency (MHz)				37625	38000	38175	Turn-up (dBm)	MFR (dB)	
10	QPSK	1	0	21.05	21.69	21.72			
10	QPSK	1	32	21.08	21.55	21.49	22.5	0	
10	QPSK	1	74	21.07	21.54	21.47			
10	QPSK	50	0	21.04	21.66	21.67			
10	QPSK	50	24	21.04	21.58	21.58	22.5	0	
10	QPSK	50	24	21.04	21.58	21.53			
10	QPSK	100	0	21.04	21.55	21.55			
10	QPSK	1	0	21.04	21.58	21.63	22.5	0	
10	QPSK	1	32	21.06	21.54	21.48			
10	QPSK	1	74	21.05	21.58	21.49			
10	QPSK	50	0	21.07	21.50	21.63			
10	QPSK	50	24	21.07	21.54	21.54	22.5	0	
10	QPSK	50	24	21.07	21.54	21.52			
10	QPSK	100	0	21.08	21.52	21.62			
10	QPSK	75	0	21.04	21.62	21.55			
10	QPSK	100	0	21.06	21.56	21.54	22.5	0	
10	QPSK	1	32	21.05	21.59	21.54			
10	QPSK	1	74	21.08	21.61	21.60			
10	QPSK	50	0	21.02	21.61	21.61			
10	QPSK	50	24	21.04	21.54	21.54	22.5	0	
10	QPSK	50	24	21.04	21.54	21.53			
10	QPSK	100	0	21.06	21.58	21.57			
Channel									
Frequency (MHz)				37650	38000	38150	Turn-up (dBm)	MFR (dB)	
10	QPSK	1	0	21.07	21.62	21.62			
10	QPSK	1	20	21.06	21.61	21.57	22.5	0	
10	QPSK	1	40	21.02	21.54	21.43			
10	QPSK	50	0	21.04	21.57	21.57			
10	QPSK	50	12	21.05	21.54	21.51			
10	QPSK	50	20	21.02	21.48	21.54			
10	QPSK	100	0	21.04	21.59	21.49	22.5	0	
10	QPSK	1	0	21.06	21.61	21.60			
10	QPSK	1	20	21.05	21.48	21.55			
10	QPSK	1	40	21.04	21.55	21.52			
10	QPSK	50	0	21.04	21.58	21.57	22.5	0	
10	QPSK	50	6	21.08	21.69	21.55			
10	QPSK	50	12	21.05	21.62	21.60			
10	QPSK	1	20	21.04	21.50	21.61			
10	QPSK	1	40	21.08	21.54	21.60			
10	QPSK	50	0	21.04	21.60	21.61	22.5	0	
10	QPSK	50	12	21.04	21.58	21.58			
10	QPSK	50	24	21.08	21.50	21.50	22.5	0	
10	QPSK	100	0	21.08	21.45	21.40			
10	QPSK	1	20	21.07	21.47	21.37			
Channel									
Frequency (MHz)				37775	38000	38225	Turn-up (dBm)	MFR (dB)	
5	QPSK	1	0	21.07	21.65	21.73			
5	QPSK	1	10	21.04	21.53	21.40	22.5	0	
5	QPSK	1	24	21.02	21.65	21.42			
5	QPSK	50	0	21.04	21.58	21.58			
5	QPSK	12	7	21.08	21.47	21.43			
5	QPSK	13	13	21.01	21.50	21.41			
5	QPSK	50	0	21.03	21.58	21.58	22.5	0	
5	QPSK	1	0	21.06	21.55	21.52			
5	QPSK	1	12	21.04	21.57	21.54	22.5	0	
5	QPSK	1	24	21.02	21.53	21.48			
5	QPSK	12	13	21.05	21.48	21.48			
5	QPSK	20	20	21.03	21.55	21.55	22.5	0	
5	QPSK	20	20	21.03	21.55	21.55			
5	QPSK	1	12	21.04	21.61	21.61			
5	QPSK	1	20	21.06	21.65	21.65	22.5	0	
5	QPSK	12	12	21.05	21.48	21.47			
5	QPSK	12	7	21.08	21.49	21.49	22.5	0	
5	QPSK	12	13	21.06	21.48	21.51			

2.4GHz WLAN		Full Power		Head Standalone	Head Simultaneous	Body Standalone	Body Simultaneous	Duty Cycle %				
		Ant 22		Ant 22	Ant 22	Ant 22	Ant 22					
		Channel	Frequency (MHz)	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit					
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.85	20.00	16.84	18.00	16.84	17.69	19.00	97.84	
		6	2437	18.50	20.00	16.85	18.00	16.86	17.39	19.00		17.39
		11	2462	18.79	20.00	16.83	18.00	16.83	17.60	19.00		17.60
	802.11g 6Mbps	1	2412	9.80	19.00	10.80	18.00	10.80	18.00	19.00	90.14	
		2	2417	16.00	19.00	18.00	18.00	18.00	19.00	19.00		19.00
		6	2437	16.50	19.00	18.00	18.00	18.00	19.00	19.00		19.00
	802.11n-HT20 MCS0	10	2422	17.20	19.00	18.00	18.00	18.00	19.00	19.00	88.47	
		11	2462	9.80	19.00	10.80	18.00	10.80	18.00	19.00		19.00
		1	2412	10.00	19.00	10.80	18.00	10.80	18.00	19.00		19.00
	802.11n-HT40 MCS0	7	2432	16.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	90.87
		6	2437	16.90	17.00	17.00	17.00	17.00	17.00	17.00	17.00	
		4	2427	13.30	15.00	15.00	15.00	15.00	15.00	15.00	15.00	
	802.11ac-VHT20 MCS0	5	2432	16.00	17.00	17.00	17.00	17.00	17.00	17.00	17.00	90.20
		6	2437	16.40	17.00	17.00	17.00	17.00	17.00	17.00	17.00	
		11	2462	9.80	19.00	10.80	18.00	10.80	18.00	19.00	19.00	
	802.11ac-VHT40 MCS0	3	2422	12.60	14.00	14.00	14.00	14.00	14.00	14.00	14.00	90.50
		5	2432	15.60	17.00	17.00	17.00	17.00	17.00	17.00	17.00	
		6	2437	16.30	17.00	17.00	17.00	17.00	17.00	17.00	17.00	
	802.11ac-VHT80 MCS0	8	2447	12.70	14.00	14.00	14.00	14.00	14.00	14.00	14.00	90.20
		9	2452	12.80	14.00	14.00	14.00	14.00	14.00	14.00	14.00	
		2	2417	16.90	18.00	18.00	18.00	18.00	18.00	18.00	18.00	

5.2GHz WLAN		Full Power		Head Standalone	Head Simultaneous	Body Standalone	Body Simultaneous	Duty Cycle %			
		Ant 22		Ant 22	Ant 22	Ant 22	Ant 22				
		Channel	Frequency (MHz)	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit				
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.93	20.00	18.00	17.00	17.92	19.00	17.00	90.05
		40	5200	18.51	20.00	18.00	17.00	17.68	19.00	17.00	
		44	5220	18.79	20.00	18.00	17.00	17.68	19.00	17.00	
	802.11n-HT20 MCS0	48	5240	18.71	20.00	18.00	17.00	17.59	19.00	17.00	90.06
		36	5180	18.62	20.00	18.00	17.00	17.68	19.00	17.00	
		40	5200	18.67	20.00	18.00	17.00	17.68	19.00	17.00	
	802.11n-HT40 MCS0	44	5220	18.78	20.00	18.00	17.00	17.68	19.00	17.00	90.46
		48	5240	18.69	20.00	18.00	17.00	17.68	19.00	17.00	
		36	5180	14.01	15.00	14.01	15.00	15.00	15.01	15.00	
	802.11ac-VHT20 MCS0	40	5200	17.63	19.00	18.00	17.00	19.00	17.00	17.00	90.53
		48	5240	17.60	19.00	18.00	17.00	19.00	17.00	17.00	
		36	5180	17.59	19.00	18.00	17.00	19.00	17.00	17.00	
	802.11ac-VHT40 MCS0	46	5230	17.73	19.00	18.00	17.00	19.00	17.00	17.00	90.78
		42	5210	13.05	15.00	15.00	15.00	15.00	15.00	15.00	
		52	5300	18.63	20.00	17.00	17.00	18.07	19.00	17.00	
	802.11n-HT20 MCS0	56	5280	18.64	20.00	17.00	17.00	18.07	19.00	17.00	90.05
		60	5300	18.79	20.00	17.00	17.00	18.13	19.00	17.00	
		64	5320	18.76	20.00	17.00	17.00	18.08	19.00	17.00	
	802.11n-HT40 MCS0	52	5300	18.59	20.00	17.00	17.00	18.08	19.00	17.00	90.06
		56	5280	18.59	20.00	17.00	17.00	18.08	19.00	17.00	
		54	5270	17.97	18.00	16.90	17.00	16.90	17.00	17.00	
802.11ac-VHT20 MCS0	62	5310	17.89	19.00	16.94	17.00	16.94	17.00	16.94	90.53	
	52	5300	17.78	19.00	17.00	17.00	18.00	17.00	17.00		
	56	5280	17.53	19.00	17.00	17.00	18.00	17.00	17.00		
802.11ac-VHT40 MCS0	64	5320	18.03	19.00	17.00	17.00	18.00	17.00	17.00	90.50	
	54	5270	17.94	19.00	17.00	17.00	18.00	17.00	17.00		
	62	5310	17.88	19.00	17.00	17.00	18.00	17.00	17.00		
802.11ac-VHT80 MCS0	58	5290	14.01	16.00	16.00	16.00	16.00	16.00	16.00	16.00	86.78

5.8GHz WLAN		Full Power		Head Standalone	Head Simultaneous	Body Standalone	Body Simultaneous	Duty Cycle %			
		Ant 22		Ant 22	Ant 22	Ant 22	Ant 22				
		Channel	Frequency (MHz)	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit				
5.8GHz WLAN	802.11a 6Mbps	100	5740	18.92	20.00	17.00	16.00	16.94	19.00	16.00	90.05
		116	5780	18.39	20.00	17.00	16.00	17.38	19.00	16.00	
		132	5860	18.32	20.00	17.00	16.00	17.45	19.00	16.00	
	802.11n-HT20 MCS0	140	5700	18.74	20.00	17.00	16.00	17.70	19.00	16.00	90.06
		124	5820	18.65	20.00	17.00	16.00	17.63	19.00	16.00	
		100	5740	18.71	20.00	17.00	16.00	17.63	19.00	16.00	
	802.11n-HT40 MCS0	116	5780	18.50	20.00	17.00	16.00	18.00	19.00	16.00	90.06
		124	5820	18.69	20.00	17.00	16.00	18.00	19.00	16.00	
		132	5860	18.45	20.00	17.00	16.00	18.00	19.00	16.00	
	802.11n-HT80 MCS0	140	5700	18.84	20.00	17.00	16.00	18.00	19.00	16.00	90.46
		102	5810	16.79	17.00	16.79	18.00	17.00	18.00	16.00	
		116	5780	17.94	19.00	16.98	17.00	16.98	18.00	16.00	
	802.11ac-VHT20 MCS0	126	5830	17.71	19.00	16.63	17.00	16.63	18.00	16.00	90.53
		134	5870	17.89	19.00	16.83	17.00	16.83	18.00	16.00	
		142	5710	17.62	18.00	16.68	17.00	16.68	18.00	16.00	
	802.11ac-VHT40 MCS0	100	5740	18.14	19.00	17.00	16.00	18.00	19.00	16.00	90.50
		116	5780	17.69	19.00	17.00	16.00	18.00	19.00	16.00	
		124	5820	17.36	19.00	17.00	16.00	19.00	17.00	16.00	
	802.11ac-VHT80 MCS0	132	5860	17.65	19.00	17.00	16.00	19.00	17.00	16.00	86.78
		140	5700	18.22	20.00	18.00	18.00	18.00	18.00	18.00	
		144	5720	18.11	19.00	17.00	16.00	19.00	17.00	16.00	
802.11ac-VHT40 MCS0	102	5810	17.86	19.00	17.00	16.00	19.00	17.00	16.00	90.50	
	116	5780	17.83	19.00	17.00	16.00	19.00	17.00	16.00		
	126	5830	17.63	19.00	17.00	16.00	19.00	17.00	16.00		
802.11ac-VHT80 MCS0	134	5870	17.61	19.00	17.00	16.00	19.00	17.00	16.00	86.78	
	142	5710	17.28	18.00	16.27	18.00	16.27	18.00	16.00		
	106	5830	14.47	16.00	16.00	14.47	16.00	16.00	16.00		
802.11ac-VHT80 MCS0	138	5890	14.47	16.00	16.00	14.47	16.00	16.00	16.00	16.00	86.78

5.8GHz WLAN		Full Power		Head Standalone	Head Simultaneous	Body Standalone	Body Simultaneous	Duty Cycle %			
		Ant 22		Ant 22	Ant 22	Ant 22	Ant 22				
		Channel	Frequency (MHz)	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit	Average power (dBm) Time-Up Limit				
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.66	20.00	17.00	16.00	17.67	19.00	16.00	90.05
		157	5785	18.24	20.00	17.00	16.00	17.10	19.00	16.00	
		169	5825	18.05	20.00	17.00	16.00	17.01	19.00	16.00	
	802.11n-HT20 MCS0	149	5745	18.45	20.00	17.00	16.00	18.00	19.00	16.00	90.06
		157	5785	18.29	20.00	17.00	16.00	18.00	19.00	16.00	
		169	5825	18.03	20.00	17.00	16.00	18.00	19.00	16.00	
	802.11n-HT40 MCS0	151	5755	17.19	18.00	16.02	17.00	16.00	18.00	16.00	90.46
		159	5795	16.68	18.00	15.63	17.00	16.00	18.00	16.00	
		149	5745	18.03	19.00	17.00	16.00	19.00	17.00	16.00	
	802.11ac-VHT20 MCS0	157	5785	17.45	19.00	17.00	16.00	19.00	17.00	16.00	90.53
		169	5825	17.19	19.00	17.00	16.00	19.00	17.00	16.00	
		151	5755	16.89	18.00	16.00	17.00	16.00	18.00	16.00	
	802.11ac-VHT40 MCS0	159	5795	16.48	18.00	16.00	17.00	16.00	18.00	16.00	90.50
		169	5825	16.19	18.00	16.00	17.00	16.00	18.00	16.00	
		155	5775	14.40	16.00	16.00	14.40	16.00	16.00	16.00	

<Bluetooth>					
	Mode	Channel	Frequency (MHz)	Default/Ref	
				Ant 22	
				Average power (dBm)	Tune-Up Limit
Bluetooth	BR / EDR 1Mbps	0	2402	9.90	11.00
		39	2441	10.00	11.00
		78	2480	9.40	11.00
	BR / EDR 2Mbps	0	2402	9.40	11.00
		39	2441	9.50	11.00
		78	2480	9.30	11.00
	BR / EDR 3Mbps	0	2402	9.20	10.00
		39	2441	9.10	10.00
		78	2480	9.10	10.00
	LE 1Mbps	0	2402	7.20	9.00
		19	2440	7.20	9.00
		39	2480	7.10	9.00
	LE 2Mbps	0	2402	7.00	9.00
		19	2440	7.10	9.00
		39	2480	7.00	9.00