



Full&Default Power Mode

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8
GSM 1 Tx slot	32.21	32.40	32.35	33.50	33.21	33.40	33.35	34.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.38	32.34	33.50	33.20	33.38	33.34	34.50
GPRS/EDGE GMSK 2 Tx slots	30.20	30.33	30.31	31.00	24.20	24.33	24.31	25.00
GPRS/EDGE GMSK 3 Tx slots	28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.94
GPRS/EDGE GMSK 4 Tx slots	26.56	26.74	26.71	28.00	23.56	23.74	23.71	25.00
EDGE BPSK 1 Tx slot	26.30	26.33	26.30	28.00	17.30	17.33	17.30	20.00
EDGE BPSK 2 Tx slots	25.05	25.08	25.23	26.00	16.05	16.08	16.23	20.00
EDGE BPSK 3 Tx slots	22.95	22.98	23.05	24.00	16.69	16.72	16.79	19.74
EDGE BPSK 4 Tx slots	21.67	21.68	21.78	23.00	16.67	16.68	16.78	20.00

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	TX Channel	128	189		251	128	189	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8
GSM 1 Tx slot		32.22	32.33	32.30	33.50	33.22	33.33	33.30
GPRS/EDGE GMSK 1 Tx slot		32.20	32.32	32.28	33.50	33.20	33.32	33.28
GPRS/EDGE GMSK 2 Tx slots		30.21	30.30	30.27	31.00	24.21	24.30	24.27
GPRS/EDGE GMSK 3 Tx slots		28.21	28.29	28.26	29.20	23.95	24.03	24.00
GPRS/EDGE GMSK 4 Tx slots		26.65	26.73	26.70	28.00	23.65	23.73	23.70
EDGE BPSK 1 Tx slot		26.33	26.37	26.30	28.00	17.33	17.37	17.30
EDGE BPSK 2 Tx slots		25.11	25.13	25.08	26.00	16.11	16.13	16.08
EDGE BPSK 3 Tx slots		23.00	23.02	22.98	24.00	16.74	16.76	16.72
EDGE BPSK 4 Tx slots		21.90	21.94	21.89	23.00	16.90	16.94	16.89

GSM1900_Ant 0	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	1880	1909.8		1850.2	1880	1909.8			
GSM 1 Tx slot	29.59	29.63	29.56	30.50	20.59	20.63	20.56	21.50	21.50	
GPRS/EDGE GMSK 1 Tx slot	29.58	29.61	29.54	30.50	20.58	20.61	20.54	21.50	21.50	
GPRS/EDGE GMSK 2 Tx slots	26.62	26.64	26.61	28.00	20.62	20.64	20.61	22.00	22.00	
GPRS/EDGE GMSK 3 Tx slots	24.90	24.91	24.87	26.00	20.64	20.65	20.61	21.74	21.74	
GPRS/EDGE GMSK 4 Tx slots	23.15	23.16	23.13	24.00	20.15	20.16	20.13	21.00	21.00	
EDGE BPSK 1 Tx slot	26.40	26.26	26.23	27.00	17.40	17.26	17.23	18.00	18.00	
EDGE BPSK 2 Tx slots	24.90	24.89	24.88	26.00	16.90	16.89	16.88	20.00	20.00	
EDGE BPSK 3 Tx slots	22.85	22.78	22.73	23.50	16.59	16.52	16.47	19.24	19.24	
EDGE BPSK 4 Tx slots	21.40	21.36	21.33	22.50	16.40	16.36	16.33	18.50	18.50	

GSM1900_Ant 1	Burst Average Power (dBm)				Tune-up Limit	Frame-Average Power (dBm)				Tune-up Limit
	TX Channel	512	661	810		512	661	810		
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot		29.53	29.57	29.55	30.50	20.53	20.57	20.55	21.50	
GPRS/EDGE GMSK 1 Tx slot		29.51	29.55	29.53	30.50	20.51	20.55	20.53	21.50	
GPRS/EDGE GMSK 2 Tx slots		26.50	26.54	26.52	28.00	20.50	20.54	20.52	22.00	
GPRS/EDGE GMSK 3 Tx slots		24.76	24.82	24.80	26.00	20.50	20.56	20.54	21.74	
GPRS/EDGE GMSK 4 Tx slots		23.01	23.05	23.03	24.00	20.01	20.05	20.03	21.00	
EDGE BPSK 1 Tx slot		25.95	25.97	25.93	27.00	16.95	16.97	16.93	18.00	
EDGE BPSK 2 Tx slots		24.88	24.90	24.85	26.00	16.88	16.90	16.85	20.00	
EDGE BPSK 3 Tx slots		22.42	22.46	22.40	23.50	16.16	16.20	16.14	19.24	
EDGE BPSK 4 Tx slots		21.23	21.26	21.21	22.50	16.23	16.26	16.21	18.50	

Band	WCDMA II_Ant 0				Tune-up Limit (dBm)	WCDMA II_Ant 1				Tune-up Limit (dBm)
	TX Channel	9262	9400	9538		9262	9400	9538		
Rx Channel		9602	9800	9938		9602	9800	9938		
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6		
3GPP Rel 99	AMR 12.2Kbps	23.85	23.88	23.85	24.80	23.81	23.85	23.80	24.80	
3GPP Rel 99	RM-C 12.2Kbps	23.88	23.90	23.87	24.80	23.84	23.88	23.82	24.80	
3GPP Rel 6	HSDPA Subtest-1	22.88	22.95	23.01	23.80	22.96	23.08	23.04	23.80	
3GPP Rel 6	HSDPA Subtest-2	22.92	22.96	22.99	23.80	23.00	23.07	23.02	23.80	
3GPP Rel 6	HSDPA Subtest-3	22.47	22.50	22.56	23.30	22.57	22.60	22.53	23.30	
3GPP Rel 6	HSDPA Subtest-4	22.43	22.46	22.48	23.30	22.50	22.56	22.54	23.30	
3GPP Rel 8	DC-HSDPA Subtest-1	22.81	22.85	22.86	23.80	22.86	22.94	22.95	23.80	
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.88	22.83	23.80	22.95	23.00	22.95	23.80	
3GPP Rel 8	DC-HSDPA Subtest-3	22.40	22.35	22.45	23.30	22.46	22.54	22.44	23.30	
3GPP Rel 8	DC-HSDPA Subtest-4	22.29	22.40	22.36	23.30	22.43	22.47	22.42	23.30	
3GPP Rel 6	HSUPA Subtest-1	20.38	20.40	20.36	21.80	20.33	20.35	20.30	21.80	
3GPP Rel 6	HSUPA Subtest-2	20.33	20.35	20.33	21.80	20.31	20.22	20.24	21.80	
3GPP Rel 6	HSUPA Subtest-3	22.38	22.35	22.33	22.80	22.33	22.28	22.28	22.80	
3GPP Rel 6	HSUPA Subtest-4	20.35	20.36	20.31	21.80	20.30	20.27	20.22	21.80	
3GPP Rel 6	HSUPA Subtest-5	22.40	22.42	22.35	22.80	22.37	22.37	22.20	22.80	
3GPP Rel 7	HSPA+ (HSPA-M) Subtest-1	22.85	22.88	22.80	23.30	23.00	23.03	22.95	23.30	

Band	WCDMA IV_Ant 0				Tune-up Limit (dBm)	WCDMA IV_Ant 1				Tune-up Limit (dBm)
	TX Channel	1312	1413	1513		1312	1413	1513		
Rx Channel		1637	1636	1734		1637	1636	1734		
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		
3GPP Rel 99	AMR 12.2kbps	24.00	24.03	23.97	24.80	24.13	24.15	24.11	24.80	
3GPP Rel 99	RM-C 12.2kbps	24.01	24.07	23.98	24.80	24.19	24.20	24.15	24.80	
3GPP Rel 6	HSDPA Subtest-1	23.07	23.13	23.03	23.80	23.27	23.23	23.15	23.80	
3GPP Rel 6	HSDPA Subtest-2	23.07	23.11	23.01	23.80	23.22	23.23	23.14	23.80	
3GPP Rel 6	HSDPA Subtest-3	22.57	22.68	22.55	23.30	22.73	22.76	22.67	23.30	
3GPP Rel 6	HSDPA Subtest-4	22.56	22.61	22.51	23.30	22.72	22.73	22.66	23.30	
3GPP Rel 8	DC-HSDPA Subtest-1	22.95	22.97	22.88	23.80	23.16	23.16	23.10	23.80	
3GPP Rel 8	DC-HSDPA Subtest-2	22.91	23.05	22.95	23.80	23.13	23.15	23.07	23.80	
3GPP Rel 8	DC-HSDPA Subtest-3	22.46	22.55	22.46	23.30	22.68	22.64	22.52	23.30	
3GPP Rel 8	DC-HSDPA Subtest-4	22.48	22.55	22.45	23.30	22.67	22.65	22.54	23.30	
3GPP Rel 6	HSUPA Subtest-1	20.57	20.58	20.55	21.80	20.63	20.60	20.57	21.80	
3GPP Rel 6	HSUPA Subtest-2	20.52	20.55	20.50	21.80	20.56	20.59	20.51	21.80	
3GPP Rel 6	HSUPA Subtest-3	22.53	22.55	22.50	22.80	22.55	22.50	22.51	22.80	
3GPP Rel 6	HSUPA Subtest-4	20.55	20.56	20.52	21.80	20.58	20.57	20.52	21.80	
3GPP Rel 6	HSUPA Subtest-5	22.55	22.57	22.53	22.80	22.57	22.53	22.50	22.80	
3GPP Rel 7	HSPA+ (HSPA-M) Subtest-1	22.28	22.30	22.23	23.30	22.32	22.35	22.30	23.30	

Band	WCDMA V_Ant 0				WCDMA V_Ant 1				
	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	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.70	23.72	23.67	24.80	23.71	23.73	23.68	24.80
3GPP Rel 99	RM-C 12.2Kbps	23.73	23.75	23.71	24.80	23.75	23.77	23.72	24.80
3GPP Rel 6	HSDPA Subtest-1	22.81	22.74	22.79	23.80	22.73	22.67	22.71	23.80
3GPP Rel 6	HSDPA Subtest-2	22.79	22.79	22.78	23.80	22.73	22.71	22.72	23.80
3GPP Rel 6	HSDPA Subtest-3	22.34	22.36	22.35	23.30	22.38	22.34	22.25	23.30
3GPP Rel 6	HSDPA Subtest-4	22.32	22.30	22.28	23.30	22.25	22.17	22.19	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	22.64	22.61	22.57	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	22.62	22.61	22.58	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	22.19	22.17	22.12	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	22.20	22.12	22.14	23.30
3GPP Rel 6	HSUPA Subtest-1	20.45	20.48	20.42	21.80	20.42	20.40	20.39	21.80
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.40	21.80	20.37	20.37	20.35	21.80
3GPP Rel 6	HSUPA Subtest-3	22.45	22.46	22.43	22.80	22.37	22.32	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	20.40	20.43	20.41	21.80	20.36	20.37	20.32	21.80
3GPP Rel 6	HSUPA Subtest-5	22.50	22.55	22.52	22.80	22.46	22.49	22.41	22.80
3GPP Rel 7	HSPA+ (HSPA-M) Subtest-1	21.62	21.65	21.60	23.30	21.70	21.74	21.68	23.30

Band 2_Ant 0														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)						
Channel				18700	18900	19100								
Frequency (MHz)				1860	1880	1900								
20	QPSK	1	0	23.02	23.05	23.01	23.8	0						
20	QPSK	1	49	23.00	23.01	22.99								
20	QPSK	1	99	22.98	22.98	22.99								
20	QPSK	50	0	22.05	22.08	22.05	22.8	1						
20	QPSK	50	24	21.97	21.97	22.03								
20	QPSK	50	50	21.94	21.96	21.99								
20	QPSK	100	0	21.93	22.05	22.03	22.8	1						
20	16QAM	1	0	22.30	22.27	22.29								
20	16QAM	1	49	22.25	22.31	22.30								
20	16QAM	1	99	22.15	22.20	22.23	21.8	2						
20	16QAM	50	0	20.92	21.00	21.04								
20	16QAM	50	24	20.96	20.96	21.05								
20	16QAM	50	50	20.92	20.96	21.00	21.8	2						
20	16QAM	100	0	20.91	20.99	21.02								
20	64QAM	1	0	21.11	21.14	21.12								
20	64QAM	1	49	21.07	21.17	21.12	21.8	2						
20	64QAM	1	99	20.97	21.03	21.06								
20	64QAM	50	0	19.92	19.97	20.04								
20	64QAM	50	24	19.96	19.96	20.03	20.8	3						
20	64QAM	50	50	19.92	19.95	20.00								
20	64QAM	100	0	19.92	19.97	20.01								
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1857.5	1880	1902.5								
15	QPSK	1	0	22.87	22.96	22.90	23.8	0						
15	QPSK	1	37	22.89	22.94	22.83								
15	QPSK	1	74	22.71	22.73	22.89								
15	QPSK	36	0	21.89	21.92	21.96	22.8	1						
15	QPSK	36	20	21.89	21.85	21.92								
15	QPSK	36	39	21.86	21.88	21.85								
15	QPSK	75	0	21.84	21.92	21.93	22.8	1						
15	16QAM	1	0	22.17	22.15	22.15								
15	16QAM	1	37	22.18	22.22	22.20								
15	16QAM	1	74	22.03	22.04	22.08	21.8	2						
15	16QAM	36	0	20.85	20.85	20.80								
15	16QAM	36	20	20.86	20.82	20.96								
15	16QAM	36	39	20.86	20.88	20.87	21.8	2						
15	16QAM	75	0	20.87	20.83	20.88								
15	64QAM	1	0	21.00	21.08	21.04								
15	64QAM	1	37	20.93	21.01	21.06	21.8	2						
15	64QAM	1	74	20.86	20.97	20.92								
15	64QAM	36	0	19.78	19.86	19.88								
15	64QAM	36	20	19.91	19.81	19.99	20.8	3						
15	64QAM	36	39	19.81	19.81	19.86								
15	64QAM	75	0	19.80	19.82	19.88								
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1855	1880	1905								
10	QPSK	1	0	22.91	22.89	22.87	23.8	0						
10	QPSK	1	25	22.85	22.89	22.92								
10	QPSK	1	49	22.77	22.79	22.88								
10	QPSK	25	0	21.89	21.97	21.92	22.8	1						
10	QPSK	25	12	21.92	21.82	21.93								
10	QPSK	25	25	21.80	21.88	21.86								
10	QPSK	50	0	21.77	21.95	21.97	22.8	1						
10	16QAM	1	0	22.15	22.16	22.20								
10	16QAM	1	25	22.14	22.15	22.14								
10	16QAM	1	49	22.02	22.06	22.17	21.8	2						
10	16QAM	25	0	20.89	20.89	20.81								
10	16QAM	25	12	20.91	20.80	20.95								
10	16QAM	25	25	20.89	20.85	20.87	21.8	2						
10	16QAM	50	0	20.87	20.85	20.97								
10	64QAM	1	0	21.04	20.99	21.07								
10	64QAM	1	25	20.95	21.08	21.04	21.8	2						
10	64QAM	1	49	20.90	20.92	20.99								
10	64QAM	25	0	19.82	19.81	19.88								
10	64QAM	25	12	19.81	19.85	19.89	20.8	3						
10	64QAM	25	25	19.87	19.81	19.95								
10	64QAM	50	0	19.84	19.82	19.87								
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1852.5	1880	1907.5								
5	QPSK	1	0	22.89	22.94	22.96	23.8	0						
5	QPSK	1	12	22.95	22.86	22.83								
5	QPSK	1	24	22.80	22.74	22.89								
5	QPSK	12	0	21.87	21.95	21.89	22.8	1						
5	QPSK	12	7	21.89	21.85	21.87								
5	QPSK	12	13	21.79	21.87	21.93								
5	QPSK	25	0	21.78	21.99	21.89	22.8	1						
5	16QAM	1	0	22.23	22.18	22.17								
5	16QAM	1	12	22.18	22.26	22.25								
5	16QAM	1	24	22.06	22.05	22.13	21.8	2						
5	16QAM	12	0	20.87	20.89	20.90								
5	16QAM	12	7	20.84	20.86	20.93								
5	16QAM	12	13	20.88	20.81	20.87	21.8	2						
5	16QAM	25	0	20.85	20.91	20.94								
5	64QAM	1	0	21.00	21.09	21.07								
5	64QAM	1	12	21.02	21.02	20.96	21.8	2						
5	64QAM	1	24	20.89	20.90	20.98								
5	64QAM	12	0	19.85	19.81	19.88								
5	64QAM	12	7	19.90	19.89	19.94	20.8	3						
5	64QAM	12	13	19.78	19.81	19.84								
5	64QAM	25	0	19.76	19.91	19.95								
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1851.5	1880	1908.5								
3	QPSK	1	0	22.94	22.93	22.95	23.8	0						
3	QPSK	1	8	22.90	22.85	22.91								
3	QPSK	1	14	22.81	22.80	22.86								
3	QPSK	8	0	21.97	21.98	21.99	22.8	1						
3	QPSK	8	4	21.83	21.85	21.80								
3	QPSK	8	7	21.80	21.85	21.87								
3	QPSK	15	0	21.87	21.98	21.90	22.8	1						
3	16QAM	1	0	22.20	22.17	22.14								
3	16QAM	1	8	22.17	22.16	22.16								
3	16QAM	1	14	22.01	22.10	22.16	21.8	2						
3	16QAM	8	0	20.87	20.89	20.90								

Band 4_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20050	20175	20300			
20	QPSK	1	0	23.67	23.52	24.02			
20	QPSK	1	49	23.66	23.52	24.00	24.8	0	
20	QPSK	1	99	23.66	23.55	24.06			
20	QPSK	50	0	23.75	23.15	23.10			
20	QPSK	50	24	22.70	22.90	23.07			
20	QPSK	50	50	22.76	22.92	23.05	23.8	1	
20	QPSK	100	0	22.72	23.08	23.06			
20	16QAM	1	0	22.99	23.07	23.20			
20	16QAM	1	49	22.96	23.21	23.37	23.8	1	
20	16QAM	1	99	22.95	23.25	23.24			
20	16QAM	50	0	21.68	21.21	21.10			
20	16QAM	50	24	21.70	21.88	22.09			
20	16QAM	50	50	21.76	21.92	22.04	22.8	2	
20	16QAM	100	0	21.72	21.87	22.04			
20	64QAM	1	0	21.83	21.88	22.08			
20	64QAM	1	49	21.76	22.05	22.17	22.8	2	
20	64QAM	1	99	21.78	22.07	22.06			
20	64QAM	50	0	20.68	20.77	21.07			
20	64QAM	50	24	20.71	20.86	21.08			
20	64QAM	50	50	20.77	20.92	21.04	21.8	3	
20	64QAM	100	0	20.73	20.87	21.05			
Channel									
Frequency (MHz)				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.54	23.95	23.88			
15	QPSK	1	37	23.53	23.87	23.87	24.8	0	
15	QPSK	1	74	23.56	23.81	23.81			
15	QPSK	36	0	22.54	22.82	22.98			
15	QPSK	36	39	22.71	22.84	22.98	23.8	1	
15	QPSK	75	0	22.56	22.97	22.93			
15	16QAM	1	0	22.92	22.91	23.11			
15	16QAM	1	37	22.81	23.11	23.26	23.8	1	
15	16QAM	1	74	22.85	23.11	23.13			
15	16QAM	36	0	21.60	21.65	22.02			
15	16QAM	36	20	21.63	21.78	22.01	22.8	2	
15	16QAM	36	39	21.73	21.82	21.95			
15	16QAM	75	0	21.69	21.72	21.92			
15	64QAM	1	0	21.72	21.78	21.94			
15	64QAM	1	37	21.63	21.90	22.09	22.8	2	
15	64QAM	1	74	21.68	21.98	22.01			
15	64QAM	36	0	20.63	20.63	20.91			
15	64QAM	36	20	20.61	20.74	20.94	21.8	3	
15	64QAM	36	39	20.71	20.85	20.89			
15	64QAM	75	0	20.59	20.77	20.90			
Channel									
Frequency (MHz)				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.53	23.93	23.90			
10	QPSK	1	25	23.61	23.81	23.85	24.8	0	
10	QPSK	1	49	23.53	23.79	23.83			
10	QPSK	25	0	22.67	23.00	23.02			
10	QPSK	25	12	22.56	22.82	23.02	23.8	1	
10	QPSK	25	25	22.68	22.82	22.91			
10	QPSK	50	0	22.59	22.93	22.92			
10	16QAM	1	0	22.93	22.95	23.11			
10	16QAM	1	25	22.86	23.16	23.29	23.8	1	
10	16QAM	1	49	22.79	23.18	23.12			
10	16QAM	25	0	21.63	21.74	21.86			
10	16QAM	25	12	21.68	21.76	22.01	22.8	2	
10	16QAM	25	25	21.70	21.80	21.94			
10	16QAM	50	0	21.70	21.72	21.97			
10	64QAM	1	0	21.78	21.79	21.92			
10	64QAM	1	25	21.70	22.00	22.08	22.8	2	
10	64QAM	1	49	21.68	21.92	21.93			
10	64QAM	25	0	20.62	20.66	21.02			
10	64QAM	25	12	20.55	20.73	20.92	21.8	3	
10	64QAM	25	25	20.61	20.78	20.90			
10	64QAM	50	0	20.66	20.72	20.89			
Channel									
Frequency (MHz)				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.59	23.95	23.90			
5	QPSK	1	12	23.59	23.76	23.95	24.8	0	
5	QPSK	1	24	23.57	23.87	23.90			
5	QPSK	12	0	22.65	23.02	22.99			
5	QPSK	12	7	22.68	22.75	22.93	23.8	1	
5	QPSK	12	13	22.65	22.83	22.94			
5	QPSK	25	0	22.56	22.92	22.94			
5	16QAM	1	0	22.83	23.02	23.15			
5	16QAM	1	12	22.91	23.07	23.25	23.8	1	
5	16QAM	1	24	22.83	23.14	23.12			
5	16QAM	12	0	21.63	21.66	21.96			
5	16QAM	12	7	21.63	21.82	21.98	22.8	2	
5	16QAM	12	13	21.69	21.76	21.95			
5	16QAM	25	0	21.69	21.82	21.99			
5	64QAM	1	0	21.74	21.81	21.93			
5	64QAM	1	12	21.69	21.96	22.03	22.8	2	
5	64QAM	1	24	21.72	21.92	21.90			
5	64QAM	12	0	20.58	20.64	20.98			
5	64QAM	12	7	20.65	20.75	20.93	21.8	3	
5	64QAM	12	13	20.65	20.80	20.96			
5	64QAM	25	0	20.64	20.76	21.00			
Channel									
Frequency (MHz)				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.58	23.90	23.94			
3	QPSK	1	8	23.60	23.83	23.91	24.8	0	
3	QPSK	1	14	23.56	23.85	23.81			
3	QPSK	8	0	22.63	23.05	22.95			
3	QPSK	8	4	22.60	22.72	22.97	23.8	1	
3	QPSK	8	7	22.62	22.77	22.94			
3	QPSK	15	0	22.64	22.97	22.97			
3	16QAM	1	0	22.86	23.00	23.05			
3	16QAM	1	8	22.82	23.14	23.28	23.8	1	
3	16QAM	1	14	22.83	23.14	23.12			
3	16QAM	8	0	21.62	21.76	21.96			
3	16QAM	8	4	21.68	21.72	21.99	22.8	2	
3	16QAM	8	7	21.71	21.86	21.89			
3	16QAM	15	0	21.68	21.78	21.92			
3	64QAM	1	0	21.78	21.78	21.98			
3	64QAM	1	8	21.66	21.96	22.06	22.8	2	
3	64QAM	1	14	21.68	22.02	21.94			
3	64QAM	8	0	20.53	20.64	21.02			
3	64QAM	8	4	20.58	20.77	20.95	21.8	3	
3	64QAM	8	7	20.71	20.86	20.90			
3	64QAM	15	0	20.66	20.77	21.00			
Channel									
Frequency (MHz)				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.55	23.97	23.88			
1.4	QPSK	1	3	23.53	23.85	23.93	24.8	0	
1.4	QPSK	1	5	23.58	23.80	23.91			
1.4	QPSK	3	0	23.62	23.92	23.88			
1.4	QPSK	3	1	23.62	23.87	23.93	23.8	1	
1.4	QPSK	3	3	23.55	23.86	23.91			
1.4	QPSK	6	0	22.67	23.03	23.01	23.8	1	
1.4	16QAM	1	0	22.62	22.75	22.97			
1.4	16QAM	1	3	22.61	22.83	23.00			
1.4	16QAM	1	5	22.58	22.95	22.98	23.8	1	
1.4	16QAM	3	0	22.86	22.98	23.13			
1.4	16QAM	3	1	22.81	23.16	23.30			
1.4	16QAM	3	3	22.82	23.18	23.17	22.8	2	
1.4	16QAM	6	0	21.63	21.71	22.00			
1.4	64QAM	1	0	21.62	21.80	22.00			
1.4	64QAM	1	3	21.74	21.82	21.89	22.8	2	
1.4	64QAM	1	5	21.68	21.72	21.88			
1.4	64QAM	3	0	21.78	21.78	22.00			
1.4	64QAM	3	1	21.62	21.80	22.05			
1.4	64QAM	3	3	21.70	21.91	22.00	21.8	3	
1.4	64QAM	6	0	20.54	20.65	20.95			

Band 4_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.97	24.17	24.15			
20	QPSK	1	49	23.86	24.11	24.13	24.8	0	
20	QPSK	1	99	23.95	24.08	24.04			
20	QPSK	50	0	22.98	23.18	23.15			
20	QPSK	50	24	22.94	23.10	23.12	23.8	1	
20	QPSK	50	50	22.95	23.09	23.11			
20	QPSK	100	0	22.95	23.15	23.12			
20	16QAM	1	0	23.11	23.24	23.43			
20	16QAM	1	49	23.17	23.39	23.45	23.8	1	
20	16QAM	1	99	23.20	23.38	23.32			
20	16QAM	50	0	21.89	22.01	22.20			
20	16QAM	50	24	21.94	22.07	22.19	22.8	2	
20	16QAM	50	50	21.96	22.11	22.16			
20	16QAM	100	0	21.93	22.02	22.15			
20	8QAM	1	0	21.97	22.12	22.36			
20	8QAM	1	49	21.98	22.25	22.36	22.8	2	
20	8QAM	1	99	22.04	22.24	22.20			
20	8QAM	50	0	20.90	21.02	21.19			
20	8QAM	50	24	20.94	21.10	21.19	21.8	3	
20	8QAM	50	50	20.96	21.11	21.17			
20	8QAM	100	0	20.94	21.03	21.18			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	23.88	24.03	24.15			
15	QPSK	1	37	23.97	24.11	24.15	24.8	0	
15	QPSK	1	74	23.93	24.09	24.13			
15	QPSK	36	0	22.89	23.04	23.23			
15	QPSK	36	20	22.94	23.10	23.19	23.8	1	
15	QPSK	36	39	22.92	23.11	23.16			
15	QPSK	75	0	22.93	23.12	23.22			
15	16QAM	1	0	23.09	23.25	23.45			
15	16QAM	1	37	23.22	23.39	23.51	23.8	1	
15	16QAM	1	74	23.18	23.30	23.38			
15	16QAM	36	0	21.90	22.05	22.23			
15	16QAM	36	20	21.95	22.11	22.21	22.8	2	
15	16QAM	36	39	21.93	22.13	22.19			
15	16QAM	75	0	21.93	22.13	22.19			
15	8QAM	1	0	22.03	22.16	22.37			
15	8QAM	1	37	22.10	22.21	22.36	22.8	2	
15	8QAM	1	74	22.07	22.24	22.29			
15	8QAM	36	0	20.92	21.07	21.22			
15	8QAM	36	20	20.97	21.15	21.24	21.8	3	
15	8QAM	36	39	20.95	21.15	21.27			
15	8QAM	75	0	20.92	21.12	21.23			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.97	24.11	24.12			
10	QPSK	1	25	23.86	24.14	24.13	24.8	0	
10	QPSK	1	49	23.92	24.16	24.10			
10	QPSK	25	0	22.90	23.11	23.26			
10	QPSK	25	12	22.92	23.14	23.25	23.8	1	
10	QPSK	25	25	22.98	23.15	23.25			
10	QPSK	50	0	22.92	23.14	23.23			
10	16QAM	1	0	23.20	23.34	23.50			
10	16QAM	1	25	23.13	23.38	23.49	23.8	1	
10	16QAM	1	49	23.18	23.46	23.43			
10	16QAM	25	0	21.87	22.08	22.23			
10	16QAM	25	12	21.89	22.12	22.25	22.8	2	
10	16QAM	25	25	21.93	22.14	22.23			
10	16QAM	50	0	21.92	22.14	22.24			
10	8QAM	1	0	22.10	22.24	22.41			
10	8QAM	1	25	22.01	22.28	22.41	22.8	2	
10	8QAM	1	49	22.06	22.27	22.38			
10	8QAM	25	0	20.89	21.10	21.24			
10	8QAM	25	12	20.89	21.11	21.23	21.8	3	
10	8QAM	25	25	20.96	21.16	21.23			
10	8QAM	50	0	20.92	21.15	21.23			
Channel				19975 <th>20175</th> <th>20375</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5 <th>1732.5</th> <th>1752.5</th> <th></th> <th></th> <th></th>	1732.5	1752.5			
5	QPSK	1	0	23.92	24.06	24.09			
5	QPSK	1	12	23.79	24.06	24.11	24.8	0	
5	QPSK	1	24	23.87	24.07	24.07			
5	QPSK	12	0	22.91	23.07	23.11			
5	QPSK	12	7	22.84	23.08	23.08	23.8	1	
5	QPSK	12	13	22.93	23.01	23.06			
5	QPSK	25	0	22.85	23.03	23.10			
5	16QAM	1	0	22.97	23.09	23.38			
5	16QAM	1	12	23.07	23.16	23.41	23.8	1	
5	16QAM	1	24	23.17	23.25	23.29			
5	16QAM	12	0	21.80	21.98	22.11			
5	16QAM	12	7	21.82	21.92	22.08	22.8	2	
5	16QAM	12	13	21.81	21.96	22.11			
5	16QAM	25	0	21.78	21.96	22.03			
5	8QAM	1	0	21.89	21.97	22.22			
5	8QAM	1	12	21.96	22.15	22.17	22.8	2	
5	8QAM	1	24	21.98	22.15	22.15			
5	8QAM	12	0	20.85	20.96	21.08			
5	8QAM	12	7	20.87	20.99	21.19	21.8	3	
5	8QAM	12	13	20.81	21.06	21.10			
5	8QAM	25	0	20.88	20.93	21.15			
Channel				19965 <th>20175</th> <th>20385</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5 <th>1732.5</th> <th>1753.5</th> <th></th> <th></th> <th></th>	1732.5	1753.5			
3	QPSK	1	0	23.95	24.09	24.15			
3	QPSK	1	8	23.75	24.08	24.06	24.8	0	
3	QPSK	1	16	23.87	24.09	24.04			
3	QPSK	8	0	22.91	23.14	23.13			
3	QPSK	8	4	22.89	23.02	23.03	23.8	1	
3	QPSK	15	0	22.91	23.08	23.03			
3	16QAM	1	0	22.99	23.15	23.28			
3	16QAM	1	8	23.11	23.34	23.32	23.8	1	
3	16QAM	1	14	23.11	23.34	23.34			
3	16QAM	8	0	21.85	21.98	22.12	22.8	2	
3	16QAM	8	4	21.88	21.96	22.14			
3	16QAM	8	7	21.90	21.96	22.14			
3	16QAM	15	0	21.79	21.98	22.11			
3	8QAM	1	0	21.94	22.01	22.21			
3	8QAM	1	8	21.85	22.10	22.21	22.8	2	
3	8QAM	1	14	21.93	22.14	22.08			
3	8QAM	8	0	20.84	21.09	21.09	21.8	3	
3	8QAM	8	4	20.86	21.01	21.09			
3	8QAM	8	7	20.95	21.01	21.16			
3	8QAM	15	0	20.81	20.94	21.11			
Channel				19957 <th>20175</th> <th>20393</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	23.89	24.10	24.10			
1.4	QPSK	1	3	23.76	24.06	24.10	24.8	0	
1.4	QPSK	1	5	23.81	23.98	24.03			
1.4	QPSK	3	0	23.87	24.14	24.06			
1.4	QPSK	3	1	23.80	24.01	23.96	23.8	1	
1.4	QPSK	3	3	23.87	23.98	24.02			
1.4	QPSK	6	0	22.89	23.10	23.01	23.8	1	
1.4	16QAM	1	0	22.83	23.08	23.05			
1.4	16QAM	1	3	22.89	22.99	23.07			
1.4	16QAM	1	5	22.96	23.11	23.11	23.8	1	
1.4	16QAM	3	0	22.86	23.13	23.06			
1.4	16QAM	3	1	22.90	23.03	23.03			
1.4	16QAM	3	3	22.91	23.05	23.03			
1.4	16QAM	6	0	21.75	21.95	22.18	22.8	2	
1.4	8QAM	1	0	21.88	21.91	22.12			
1.4	8QAM	1	3	21.74	21.91	22.16			
1.4	8QAM	1	5	21.76	21.96	22.10	22.8	2	
1.4	8QAM	3	0	21.77	21.95	22.10			
1.4	8QAM	3	1	21.86	21.99	22.14			
1.4	8QAM	3	3	21.77	21.99	22.14			
1.4	8QAM	6	0	20.87	20.92	21.17	21.8	3	

Band 5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	844		
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.80	23.88	23.84	24.8	0	
10	QPSK	1	25	23.74	23.79	23.76			
10	QPSK	1	49	23.74	23.81	23.74	23.8	1	
10	QPSK	25	0	22.76	22.85	22.82			
10	QPSK	25	12	22.77	22.76	22.78	23.8	1	
10	QPSK	25	25	22.76	22.78	22.78			
10	QPSK	50	0	22.75	22.76	22.77	23.8	1	
10	16QAM	1	0	22.84	23.00	23.03			
10	16QAM	1	25	22.99	23.03	22.96	23.8	1	
10	16QAM	1	49	22.97	23.04	22.96			
10	16QAM	25	0	21.79	21.81	21.85	22.8	2	
10	16QAM	25	12	21.83	21.82	21.82			
10	16QAM	25	25	21.84	21.79	21.78	22.8	2	
10	16QAM	50	0	21.80	21.81	21.83			
10	64QAM	1	0	21.82	21.96	22.01	22.8	2	
10	64QAM	1	25	21.97	21.98	21.97			
10	64QAM	1	49	22.02	21.94	21.95	21.8	3	
10	64QAM	25	0	20.79	20.80	20.84			
10	64QAM	25	12	20.81	20.81	20.82	21.8	3	
10	64QAM	25	25	20.83	20.78	20.77			
10	64QAM	50	0	20.79	20.78	20.81			
Channel				20425	20525	20625	846.5	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.73	23.78	23.72	24.8	0	
5	QPSK	1	12	23.62	23.68	23.60			
5	QPSK	1	24	23.63	23.76	23.63	23.8	1	
5	QPSK	12	0	22.68	22.77	22.75			
5	QPSK	12	7	22.65	22.66	22.72	23.8	1	
5	QPSK	12	13	22.64	22.65	22.65			
5	QPSK	25	0	22.66	22.67	22.68	23.8	1	
5	16QAM	1	0	22.75	22.95	22.97			
5	16QAM	1	12	22.92	22.92	22.82	23.8	1	
5	16QAM	1	24	22.89	22.88	22.85			
5	16QAM	12	0	21.71	21.89	21.74	22.8	2	
5	16QAM	12	7	21.81	21.66	21.70			
5	16QAM	12	13	21.79	21.71	21.63	22.8	2	
5	16QAM	25	0	21.73	21.75	21.67			
5	64QAM	1	0	21.67	21.82	21.91	22.8	2	
5	64QAM	1	12	21.88	21.91	21.92			
5	64QAM	1	24	21.88	21.81	21.81	21.8	3	
5	64QAM	12	0	20.68	20.71	20.77			
5	64QAM	12	7	20.67	20.69	20.68	21.8	3	
5	64QAM	12	13	20.75	20.71	20.64			
5	64QAM	25	0	20.74	20.63	20.70			
Channel				20415	20525	20635	847.5	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.73	23.73	23.70	24.8	0	
3	QPSK	1	8	23.68	23.73	23.63			
3	QPSK	1	14	23.62	23.70	23.62	23.8	1	
3	QPSK	8	0	22.72	22.80	22.72			
3	QPSK	8	4	22.67	22.71	22.65	23.8	1	
3	QPSK	8	7	22.61	22.70	22.62			
3	QPSK	15	0	22.69	22.70	22.62	23.8	1	
3	16QAM	1	0	22.71	22.89	22.94			
3	16QAM	1	8	22.86	22.88	22.89	23.8	1	
3	16QAM	1	14	22.88	22.90	22.85			
3	16QAM	8	0	21.76	21.75	21.74	22.8	2	
3	16QAM	8	4	21.78	21.73	21.75			
3	16QAM	8	7	21.78	21.71	21.67	22.8	2	
3	16QAM	15	0	21.74	21.72	21.68			
3	64QAM	1	0	21.72	21.85	21.91	22.8	2	
3	64QAM	1	8	21.83	21.86	21.87			
3	64QAM	1	14	21.97	21.85	21.81	21.8	3	
3	64QAM	8	0	20.69	20.73	20.68			
3	64QAM	8	4	20.65	20.68	20.67	21.8	3	
3	64QAM	8	7	20.72	20.72	20.71			
3	64QAM	15	0	20.73	20.72	20.66			
Channel				20407	20525	20643	848.3	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.70	23.73	23.76	24.8	0	
1.4	QPSK	1	3	23.68	23.63	23.63			
1.4	QPSK	1	5	23.68	23.71	23.65	23.8	1	
1.4	QPSK	3	0	23.69	23.76	23.72			
1.4	QPSK	3	1	23.63	23.68	23.63	23.8	1	
1.4	QPSK	3	3	23.63	23.71	23.69			
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	1	
1.4	16QAM	1	0	22.64	22.65	22.71			
1.4	16QAM	1	3	22.63	22.66	22.73	23.8	1	
1.4	16QAM	1	5	22.60	22.70	22.70			
1.4	16QAM	3	0	22.79	22.85	22.91	23.8	1	
1.4	16QAM	3	1	22.84	22.90	22.84			
1.4	16QAM	3	3	22.86	22.92	22.85	22.8	2	
1.4	16QAM	6	0	21.71	21.70	21.77			
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	2	
1.4	64QAM	1	3	21.81	21.66	21.65			
1.4	64QAM	1	5	21.72	21.67	21.69	21.8	3	
1.4	64QAM	3	0	21.66	21.86	21.95			
1.4	64QAM	3	1	21.91	21.84	21.84	21.8	3	
1.4	64QAM	3	3	21.85	21.85	21.88			
1.4	64QAM	6	0	20.63	20.64	20.75	21.8	3	

Band 5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	844		
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.83	23.85	23.81	24.8	0	
10	QPSK	1	25	23.77	23.71	23.76			
10	QPSK	1	49	23.78	23.76	23.76	23.8	1	
10	QPSK	25	0	22.76	22.78	22.75			
10	QPSK	25	12	22.72	22.75	22.73	23.8	1	
10	QPSK	25	25	22.75	22.73	22.74			
10	QPSK	50	0	22.74	22.75	22.74	23.8	1	
10	16QAM	1	0	22.84	23.03	23.01			
10	16QAM	1	25	22.94	22.90	22.95	23.8	1	
10	16QAM	1	49	22.97	22.93	22.93			
10	16QAM	25	0	21.71	21.70	21.71	22.8	2	
10	16QAM	25	12	21.73	21.69	21.72			
10	16QAM	25	25	21.74	21.68	21.68	22.8	2	
10	16QAM	50	0	21.74	21.71	21.69			
10	64QAM	1	0	21.75	21.94	21.87	22.8	2	
10	64QAM	1	25	21.87	21.88	21.85			
10	64QAM	1	49	21.88	21.86	21.92	21.8	3	
10	64QAM	25	0	20.70	20.68	20.70			
10	64QAM	25	12	20.73	20.67	20.73	21.8	3	
10	64QAM	25	25	20.74	20.68	20.67			
10	64QAM	50	0	20.73	20.69	20.69			
Channel				20425	20525	20625	846.5	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.77	23.81	23.74	24.8	0	
5	QPSK	1	12	23.70	23.65	23.61			
5	QPSK	1	24	23.76	23.67	23.65	23.8	1	
5	QPSK	12	0	22.58	22.58	22.58			
5	QPSK	12	7	22.67	22.66	22.69	23.8	1	
5	QPSK	12	13	22.74	22.68	22.64			
5	QPSK	25	0	22.73	22.71	22.71	23.8	1	
5	16QAM	1	0	22.80	22.97	22.99			
5	16QAM	1	12	22.88	22.88	22.81	22.8	2	
5	16QAM	1	24	22.91	22.90	22.79			
5	16QAM	12	0	21.69	21.58	21.67	22.8	2	
5	16QAM	12	7	21.71	21.63	21.66			
5	16QAM	12	13	21.61	21.59	21.67	22.8	2	
5	16QAM	25	0	21.66	21.68	21.61			
5	64QAM	1	0	21.61	21.92	21.79	22.8	2	
5	64QAM	1	12	21.82	21.73	21.76			
5	64QAM	1	24	21.86	21.86	21.85	21.8	3	
5	64QAM	12	0	20.69	20.54	20.66			
5	64QAM	12	7	20.59	20.64	20.58	21.8	3	
5	64QAM	12	13	20.64	20.55	20.61			
5	64QAM	25	0	20.69	20.60	20.63			
Channel				20415	20515	20615	847.5	MPR (dB)	
Frequency (MHz)				825.5	835.5	847.5			
3	QPSK	1	0	23.69	23.77	23.69	24.8	0	
3	QPSK	1	8	23.66	23.66	23.64			
3	QPSK	1	14	23.73	23.61	23.67	23.8	1	
3	QPSK	8	0	22.59	22.66	22.61			
3	QPSK	8	4	22.71	22.65	22.62	23.8	1	
3	QPSK	8	7	22.68	22.58	22.67			
3	QPSK	15	0	22.72	22.73	22.65	23.8	1	
3	16QAM	1	0	22.81	22.94	22.85			
3	16QAM	1	8	22.81	22.81	22.81	22.8	2	
3	16QAM	1	14	22.83	22.83	22.83			
3	16QAM	8	0	21.56	21.57	21.56	22.8	2	
3	16QAM	8	4	21.58	21.59	21.57			
3	16QAM	8	7	21.73	21.54	21.62	22.8	2	
3	16QAM	15	0	21.66	21.60	21.54			
3	64QAM	1	0	21.69	21.83	21.76	22.8	2	
3	64QAM	1	8	21.74	21.81	21.74			
3	64QAM	1	14	21.84	21.79	21.90	21.8	3	
3	64QAM	8	0	20.62	20.61	20.56			
3	64QAM	8	4	20.68	20.55	20.64	21.8	3	
3	64QAM	8	7	20.70	20.60	20.52			
3	64QAM	15	0	20.68	20.57	20.66			
Channel				20407	20525	20643	848.3	MPR (dB)	
Frequency (MHz)				824.7 <th>836.5<th>848.3</th></th>	836.5 <th>848.3</th>	848.3			
1.4	QPSK	1	0	23.73	23.83	23.66	24.8	0	
1.4	QPSK	1	3	23.71	23.62	23.65			
1.4	QPSK	1	5	23.76	23.67	23.67	23.8	1	
1.4	QPSK	3	0	23.77	23.72	23.75			
1.4	QPSK	3	1	23.74	23.63	23.74	23.8	1	
1.4	QPSK	3	3	23.70	23.65	23.61			
1.4	QPSK	6	0	22.61	22.67	22.58	22.8	2	
1.4	16QAM	1	0	22.64	22.69	22.69			
1.4	16QAM	1	3	22.69	22.69	22.69	23.8	1	
1.4	16QAM	1	5	22.70	22.73	22.72			
1.4	16QAM	3	0	22.83	22.95	22.96	23.8	1	
1.4	16QAM	3	1	22.82	22.85	22.91			
1.4	16QAM	3	3	22.86	22.90	22.88	22.8	2	
1.4	16QAM	6	0	21.56	21.68	21.61			
1.4	64QAM	1	0	21.70	21.66	21.65	22.8	2	
1.4	64QAM	1	3	21.61	21.57	21.65			
1.4	64QAM	1	5	21.66	21.69	21.67	22.8	2	
1.4	64QAM	3	0	21.59	21.60	21.67			
1.4	64QAM	3	1	21.67	21.57	21.65	21.8	3	
1.4	64QAM	3	3	21.67	21.69	21.62			
1.4	64QAM	6	0	20.62	20.66	20.57			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	2510	2535 2560	
Frequency (MHz)				0	0	0			
20	QPSK	1	0	24.53	24.55	24.50	24.8	0	
20	QPSK	1	49	24.52	24.40	24.45			
20	QPSK	1	99	24.48	24.49	24.19			
20	QPSK	50	0	23.48	23.50	23.45	23.8	1	
20	QPSK	50	24	23.45	23.44	23.42			
20	QPSK	50	50	23.47	23.49	23.44			
20	QPSK	100	0	23.42	23.46	23.46	23.8	1	
20	16QAM	1	0	23.67	23.63	23.53			
20	16QAM	1	49	23.66	23.63	23.65			
20	16QAM	1	99	23.71	23.73	23.55	22.8	2	
20	16QAM	50	0	22.40	22.39	22.49			
20	16QAM	50	24	22.47	22.42	22.51			
20	16QAM	50	50	22.46	22.48	22.57	22.8	2	
20	16QAM	100	0	22.41	22.45	22.51			
20	64QAM	1	0	22.55	22.62	22.52			
20	64QAM	1	49	22.61	22.64	22.63	22.8	2	
20	64QAM	1	99	22.62	22.58	22.59			
20	64QAM	50	0	21.44	21.43	21.51			
20	64QAM	50	24	21.48	21.45	21.55	21.8	3	
20	64QAM	50	50	21.47	21.51	21.60			
20	64QAM	100	0	21.44	21.47	21.53			
Channel				20825	21100	21375	2507.5	2535 2562.5	
Frequency (MHz)				0	0	0			
15	QPSK	1	0	24.50	24.43	24.41	24.8	0	
15	QPSK	1	37	24.50	24.45	24.45			
15	QPSK	1	74	24.52	24.47	24.28			
15	QPSK	36	0	23.41	23.37	23.49	23.8	1	
15	QPSK	36	20	23.45	23.42	23.46			
15	QPSK	36	39	23.48	23.43	23.41			
15	QPSK	75	0	23.48	23.44	23.50	23.8	1	
15	16QAM	1	0	23.62	23.63	23.59			
15	16QAM	1	37	23.67	23.65	23.66			
15	16QAM	1	74	23.70	23.69	23.59	22.8	2	
15	16QAM	36	0	22.44	22.39	22.50			
15	16QAM	36	20	22.48	22.42	22.52			
15	16QAM	36	39	22.50	22.46	22.54	22.8	2	
15	16QAM	75	0	22.48	22.47	22.58			
15	64QAM	1	0	22.63	22.60	22.56			
15	64QAM	1	37	22.60	22.64	22.66	22.8	2	
15	64QAM	1	74	22.63	22.63	22.69			
15	64QAM	36	0	21.45	21.43	21.53			
15	64QAM	36	20	21.49	21.47	21.55	21.8	3	
15	64QAM	36	39	21.51	21.48	21.62			
15	64QAM	75	0	21.50	21.46	21.57			
Channel				20800	21100	21400	2505	2535 2565	
Frequency (MHz)				0	0	0			
10	QPSK	1	0	24.48	24.50	24.47	24.8	0	
10	QPSK	1	25	24.53	24.34	24.33			
10	QPSK	1	49	24.45	24.42	24.15			
10	QPSK	25	0	23.52	23.46	23.36	23.8	1	
10	QPSK	25	12	23.52	23.43	23.38			
10	QPSK	25	25	23.58	23.44	23.39			
10	QPSK	50	0	23.54	23.41	23.37	23.8	1	
10	16QAM	1	0	23.79	23.62	23.51			
10	16QAM	1	25	23.66	23.55	23.52			
10	16QAM	1	49	23.80	23.68	23.45	22.8	2	
10	16QAM	25	0	22.54	22.48	22.40			
10	16QAM	25	12	22.52	22.47	22.44			
10	16QAM	25	25	22.58	22.49	22.47	22.8	2	
10	16QAM	50	0	22.53	22.48	22.46			
10	64QAM	1	0	22.72	22.62	22.55			
10	64QAM	1	25	22.66	22.55	22.57	22.8	2	
10	64QAM	1	49	22.79	22.66	22.51			
10	64QAM	25	0	21.53	21.49	21.52			
10	64QAM	25	12	21.54	21.48	21.56	21.8	3	
10	64QAM	25	25	21.60	21.54	21.58			
10	64QAM	50	0	21.54	21.52	21.57			
Channel				20775	21100	21425	2502.5	2535 2567.5	
Frequency (MHz)				0	0	0			
5	QPSK	1	0	24.48	24.41	24.37	24.8	0	
5	QPSK	1	12	24.50	24.34	24.40			
5	QPSK	1	24	24.36	24.35	24.16			
5	QPSK	12	0	23.41	23.39	23.31	23.8	1	
5	QPSK	12	7	23.34	23.40	23.37			
5	QPSK	12	13	23.41	23.46	23.31			
5	QPSK	25	0	23.37	23.40	23.44	23.8	1	
5	16QAM	1	0	23.61	23.55	23.43			
5	16QAM	1	12	23.51	23.54	23.57			
5	16QAM	1	24	23.57	23.70	23.43	22.8	2	
5	16QAM	12	0	22.32	22.29	22.34			
5	16QAM	12	7	22.42	22.40	22.50			
5	16QAM	12	13	22.37	22.42	22.54	22.8	2	
5	16QAM	25	0	22.36	22.30	22.50			
5	64QAM	1	0	22.54	22.53	22.45			
5	64QAM	1	12	22.52	22.54	22.56	22.8	2	
5	64QAM	1	24	22.56	22.50	22.51			
5	64QAM	12	0	21.30	21.30	21.43			
5	64QAM	12	7	21.44	21.30	21.41	21.8	3	
5	64QAM	12	13	21.37	21.44	21.51			
5	64QAM	25	0	21.29	21.39	21.43			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	23.28	23.30	23.25	24.1	0	
20	QPSK	1	49	23.25	23.20	23.01			
20	QPSK	1	99	23.22	23.16	23.20			
20	QPSK	50	0	22.26	22.28	22.22	23.1	1	
20	QPSK	50	24	22.23	22.15	22.13			
20	QPSK	50	50	22.23	22.20	22.20			
20	QPSK	100	0	22.20	22.25	22.21	23.1	1	
20	16QAM	1	0	22.41	22.34	22.37			
20	16QAM	1	49	22.47	22.38	22.19			
20	16QAM	1	99	22.47	22.35	22.50	23.1	1	
20	16QAM	50	0	21.18	21.13	21.22			
20	16QAM	50	24	21.23	21.14	21.19			
20	16QAM	50	50	21.22	21.20	21.29	22.1	2	
20	16QAM	100	0	21.17	21.16	21.25			
20	64QAM	1	0	21.35	21.36	21.28			
20	64QAM	1	49	21.44	21.39	21.29	22.1	2	
20	64QAM	1	99	21.43	21.32	21.57			
20	64QAM	50	0	20.20	20.14	20.24			
20	64QAM	50	24	20.26	20.16	20.27	21.1	3	
20	64QAM	50	50	20.23	20.20	20.34			
20	64QAM	100	0	20.20	20.19	20.28			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.20	23.23	23.11	24.1	0	
15	QPSK	1	37	23.17	23.13	22.93			
15	QPSK	1	74	23.11	23.02	23.12			
15	QPSK	36	0	22.19	22.17	22.06	23.1	1	
15	QPSK	36	20	22.12	22.09	22.02			
15	QPSK	36	39	22.18	22.05	22.04			
15	QPSK	75	0	22.06	22.02	22.08	23.1	1	
15	16QAM	1	0	22.36	22.22	22.30			
15	16QAM	1	37	22.35	22.30	22.12			
15	16QAM	1	74	22.31	22.22	22.41	22.1	2	
15	16QAM	36	0	21.12	21.06	21.10			
15	16QAM	36	20	21.17	20.99	21.14			
15	16QAM	36	39	21.14	21.14	21.19	22.1	2	
15	16QAM	75	0	21.10	21.05	21.18			
15	64QAM	1	0	21.22	21.26	21.12			
15	64QAM	1	37	21.28	21.29	21.14	22.1	2	
15	64QAM	1	74	21.34	21.13	21.47			
15	64QAM	36	0	20.05	20.01	20.08			
15	64QAM	36	20	20.15	20.05	20.20	21.1	3	
15	64QAM	36	39	20.07	20.01	20.21			
15	64QAM	75	0	20.13	20.05	20.23			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.23	23.17	23.13	24.1	0	
10	QPSK	1	25	23.15	23.15	22.88			
10	QPSK	1	49	23.16	23.11	23.12			
10	QPSK	25	0	22.13	22.22	22.09	23.1	1	
10	QPSK	25	12	22.08	22.09	21.97			
10	QPSK	25	25	22.15	22.07	22.06			
10	QPSK	50	0	22.13	22.17	22.13	23.1	1	
10	16QAM	1	0	22.36	22.29	22.22			
10	16QAM	1	25	22.24	22.24	22.08			
10	16QAM	1	49	23.31	22.21	22.43	22.1	2	
10	16QAM	25	0	21.15	21.04	21.12			
10	16QAM	25	12	21.20	21.04	21.09			
10	16QAM	25	25	21.18	21.15	21.17	22.1	2	
10	16QAM	50	0	21.12	21.09	21.13			
10	16QAM	1	0	21.30	21.21	21.20			
10	64QAM	1	25	21.38	21.32	21.33	22.1	2	
10	64QAM	1	49	21.33	21.19	21.48			
10	64QAM	25	0	20.04	20.02	20.18			
10	64QAM	25	12	20.16	20.09	20.19	21.1	3	
10	64QAM	25	25	20.10	20.05	20.29			
10	64QAM	50	0	20.07	20.05	20.20			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.13	23.18	23.09	24.1	0	
5	QPSK	1	12	23.19	23.14	22.88			
5	QPSK	1	24	23.13	23.07	23.11			
5	QPSK	12	0	22.11	22.23	22.11	23.1	1	
5	QPSK	12	7	22.11	22.04	22.07			
5	QPSK	12	13	22.17	22.04	22.08			
5	QPSK	25	0	22.07	22.12	22.05	23.1	1	
5	16QAM	1	0	22.26	22.24	22.32			
5	16QAM	1	12	22.37	22.25	22.32			
5	16QAM	1	24	22.42	22.24	22.38	22.1	2	
5	16QAM	12	0	21.13	21.05	21.15			
5	16QAM	12	7	21.18	21.06	21.11			
5	16QAM	12	13	21.16	21.05	21.24	22.1	2	
5	16QAM	25	0	21.13	21.07	21.14			
5	64QAM	1	0	21.21	21.27	21.19			
5	64QAM	1	12	21.37	21.34	21.20	22.1	2	
5	64QAM	1	24	21.35	21.27	21.51			
5	64QAM	12	0	20.09	20.09	20.10			
5	64QAM	12	7	20.21	20.10	20.16	21.1	3	
5	64QAM	12	13	20.14	20.08	20.29			
5	64QAM	25	0	20.07	20.12	20.23			

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	24.8	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	24.04	24.06	24.02			
10	QPSK	1	25	23.91	23.97	23.89	23.8	1	
10	QPSK	1	49	24.03	23.98	23.95			
10	QPSK	25	0	22.97	22.99	22.95			
10	QPSK	25	12	22.96	22.95	22.93	23.8	1	
10	QPSK	25	25	22.95	22.96	22.93			
10	QPSK	50	0	22.96	22.97	22.94			
10	16QAM	1	0	23.17	23.13	23.22	23.8	1	
10	16QAM	1	25	23.12	23.22	23.16			
10	16QAM	1	49	23.32	23.24	23.18			
10	16QAM	25	0	21.88	21.92	21.89	22.8	2	
10	16QAM	25	12	21.96	21.95	21.91			
10	16QAM	25	25	21.98	21.94	21.93			
10	16QAM	50	0	21.92	21.95	21.94	22.8	2	
10	64QAM	1	0	21.99	22.04	22.09			
10	64QAM	1	25	22.05	22.07	22.07			
10	64QAM	1	49	22.13	22.16	22.12	21.8	3	
10	64QAM	25	0	20.87	20.91	20.90			
10	64QAM	25	12	20.94	20.93	20.89			
10	64QAM	25	25	20.96	20.92	20.91	21.8	3	
10	64QAM	50	0	20.93	20.93	20.93			
Channel				23035	23095	23155	24.8	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.95	23.93	23.88			
5	QPSK	1	12	23.80	23.89	23.87	23.8	1	
5	QPSK	1	24	23.90	23.84	23.94			
5	QPSK	12	0	22.94	22.92	22.81			
5	QPSK	12	7	22.94	22.85	22.90	23.8	1	
5	QPSK	12	13	22.88	22.94	22.84			
5	QPSK	25	0	22.90	22.90	22.87			
5	16QAM	1	0	23.02	23.12	23.20	23.8	1	
5	16QAM	1	12	22.98	23.16	23.12			
5	16QAM	1	24	23.29	23.20	23.06			
5	16QAM	12	0	21.78	21.82	21.86	22.8	2	
5	16QAM	12	7	21.94	21.93	21.86			
5	16QAM	12	13	21.90	21.91	21.91			
5	16QAM	25	0	21.91	21.81	21.87	22.8	2	
5	64QAM	1	0	21.97	21.91	22.06			
5	64QAM	1	12	21.93	22.03	22.01			
5	64QAM	1	24	22.01	22.09	22.07	21.8	3	
5	64QAM	12	0	20.72	20.77	20.85			
5	64QAM	12	7	20.85	20.82	20.78			
5	64QAM	12	13	20.94	20.84	20.89	21.8	3	
5	64QAM	25	0	20.88	20.79	20.86			
Channel				23025	23095	23165	24.8	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.95	24.02	23.93			
3	QPSK	1	8	23.86	23.90	23.74	23.8	1	
3	QPSK	1	14	23.92	23.94	23.85			
3	QPSK	8	0	22.95	22.86	22.91			
3	QPSK	8	4	22.83	22.91	22.87	23.8	1	
3	QPSK	8	7	22.81	22.84	22.91			
3	QPSK	15	0	22.87	22.91	22.89			
3	16QAM	1	0	23.04	23.12	23.09	23.8	1	
3	16QAM	1	8	23.11	23.15	23.11			
3	16QAM	1	14	23.26	23.15	23.13			
3	16QAM	8	0	21.77	21.85	21.86	22.8	2	
3	16QAM	8	4	21.85	21.87	21.90			
3	16QAM	8	7	21.91	21.93	21.83			
3	16QAM	15	0	21.78	21.90	21.88	22.8	2	
3	64QAM	1	0	21.93	21.97	22.02			
3	64QAM	1	8	21.90	21.93	21.94			
3	64QAM	1	14	21.98	22.03	22.10	21.8	3	
3	64QAM	8	0	20.86	20.86	20.79			
3	64QAM	8	4	20.79	20.92	20.82			
3	64QAM	8	7	20.89	20.79	20.90	21.8	3	
3	64QAM	15	0	20.92	20.92	20.82			
Channel				23017	23095	23173	24.8	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.95	23.97	23.97			
1.4	QPSK	1	3	23.84	23.96	23.75	23.8	1	
1.4	QPSK	1	5	23.88	23.93	23.89			
1.4	QPSK	3	0	24.00	24.01	23.97			
1.4	QPSK	3	1	23.81	23.85	23.81	23.8	1	
1.4	QPSK	3	3	24.00	23.85	23.84			
1.4	QPSK	6	0	22.86	22.97	22.91			
1.4	16QAM	1	0	22.93	22.88	22.85	23.8	1	
1.4	16QAM	1	3	22.89	22.91	22.86			
1.4	16QAM	1	5	22.89	22.95	22.83			
1.4	16QAM	3	0	23.06	23.08	23.19	22.8	2	
1.4	16QAM	3	1	23.01	23.10	23.04			
1.4	16QAM	3	3	23.30	23.20	23.04			
1.4	16QAM	6	0	21.79	21.77	21.88	22.8	2	
1.4	64QAM	1	0	21.79	21.84	21.85			
1.4	64QAM	1	3	21.82	21.84	21.84			
1.4	64QAM	1	5	21.83	21.77	21.80	21.8	3	
1.4	64QAM	3	0	21.78	21.77	21.87			
1.4	64QAM	3	1	21.75	21.88	21.86			
1.4	64QAM	3	3	21.75	21.86	21.74	21.8	3	
1.4	64QAM	6	0	20.82	20.81	20.80			

Band 13_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			24.8	0	
Frequency (MHz)				782					
10	QPSK	1	0		23.98				
10	QPSK	1	25		23.94		23.8	1	
10	QPSK	1	49		23.90				
10	QPSK	25	0		22.97				
10	QPSK	25	12		22.89		23.8	1	
10	QPSK	25	25		22.92				
10	QPSK	50	0		22.90				
10	16QAM	1	0		23.10		23.8	1	
10	16QAM	1	25		23.15				
10	16QAM	1	49		23.13				
10	16QAM	25	0		21.93		22.8	2	
10	16QAM	25	12		21.91				
10	16QAM	25	25		21.96				
10	16QAM	50	0		21.94		22.8	2	
10	64QAM	1	0		22.07				
10	64QAM	1	25		22.07				
10	64QAM	1	49		22.12		21.8	3	
10	64QAM	25	0		20.91				
10	64QAM	25	12		20.90				
10	64QAM	25	25		20.94		21.8	3	
10	64QAM	50	0		20.93				
Channel				23205	23230	23255	24.8	0	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	23.83	23.89	23.89			
5	QPSK	1	12	23.86	23.84	23.89	24.8	0	
5	QPSK	1	24	23.80	23.74	23.85			
5	QPSK	12	0	22.88	22.83	22.83			
5	QPSK	12	7	22.77	22.77	22.76	23.8	1	
5	QPSK	12	13	22.87	22.79	22.83			
5	QPSK	25	0	22.81	22.80	22.82			
5	16QAM	1	0	22.96	23.01	23.01	23.8	1	
5	16QAM	1	12	23.08	23.03	23.04			
5	16QAM	1	24	23.05	23.07	23.08	22.8	2	
5	16QAM	12	0	21.90	21.77	21.84			
5	16QAM	12	7	21.83	21.79	21.82			
5	16QAM	12	13	21.92	21.81	21.87	22.8	2	
5	16QAM	25	0	21.89	21.85	21.88			
5	64QAM	1	0	22.02	22.00	22.00			
5	64QAM	1	12	22.02	21.98	21.96	22.8	2	
5	64QAM	1	24	22.02	21.99	21.97			
5	64QAM	12	0	20.80	20.84	20.76			
5	64QAM	12	7	20.85	20.74	20.81	21.8	3	
5	64QAM	12	13	20.78	20.84	20.79			
5	64QAM	25	0	20.88	20.84	20.79			

Band 17_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	24.8	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.83	23.85	23.82			
10	QPSK	1	25	23.68	23.78	23.76	23.8	1	
10	QPSK	1	49	23.82	23.81	23.81			
10	QPSK	25	0	22.83	22.85	22.82			
10	QPSK	25	12	22.75	22.76	22.77	23.8	1	
10	QPSK	25	25	22.80	22.81	22.81			
10	QPSK	50	0	22.79	22.82	22.76			
10	16QAM	1	0	22.93	23.01	22.94	23.8	1	
10	16QAM	1	25	23.06	23.03	23.01			
10	16QAM	1	49	23.07	23.02	22.99			
10	16QAM	25	0	21.73	21.73	21.71	22.8	2	
10	16QAM	25	12	21.72	21.74	21.73			
10	16QAM	25	25	21.79	21.79	21.78			
10	16QAM	50	0	21.79	21.77	21.74	22.8	2	
10	64QAM	1	0	21.84	21.93	21.83			
10	64QAM	1	25	21.96	21.96	21.93			
10	64QAM	1	49	21.98	21.97	21.93	21.8	3	
10	64QAM	25	0	20.72	20.70	20.69			
10	64QAM	25	12	20.71	20.74	20.73			
10	64QAM	25	25	20.77	20.80	20.75	21.8	3	
10	64QAM	50	0	20.75	20.75	20.72			
Channel				23755	23790	23825	24.8	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.72	23.76	23.72			
5	QPSK	1	12	23.59	23.64	23.63	23.8	1	
5	QPSK	1	24	23.76	23.72	23.70			
5	QPSK	12	0	22.69	22.71	22.71			
5	QPSK	12	7	22.65	22.64	22.65	23.8	1	
5	QPSK	12	13	22.65	22.76	22.74			
5	QPSK	25	0	22.63	22.74	22.69			
5	16QAM	1	0	22.82	22.87	22.85	23.8	1	
5	16QAM	1	12	22.97	22.98	22.91			
5	16QAM	1	24	22.93	22.88	22.83			
5	16QAM	12	0	21.70	21.57	21.55	22.8	2	
5	16QAM	12	7	21.65	21.66	21.68			
5	16QAM	12	13	21.71	21.74	21.68			
5	16QAM	25	0	21.75	21.63	21.58	22.8	2	
5	64QAM	1	0	21.74	21.84	21.78			
5	64QAM	1	12	21.89	21.81	21.87			
5	64QAM	1	24	21.87	21.86	21.85	21.8	3	
5	64QAM	12	0	20.57	20.59	20.54			
5	64QAM	12	7	20.55	20.67	20.64			
5	64QAM	12	13	20.70	20.66	20.63	21.8	3	
5	64QAM	25	0	20.63	20.67	20.63			

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	24.8	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.97	23.98	23.95			
10	QPSK	1	25	23.75	23.81	23.72	23.8	1	
10	QPSK	1	49	23.91	23.86	23.85			
10	QPSK	25	0	22.83	22.97	22.83			
10	QPSK	25	12	22.85	22.82	22.81	23.8	1	
10	QPSK	25	25	22.87	22.83	22.81			
10	QPSK	50	0	22.86	22.93	22.80			
10	16QAM	1	0	23.03	23.18	23.14	23.8	1	
10	16QAM	1	25	23.09	23.10	23.08			
10	16QAM	1	49	23.07	23.10	23.08			
10	16QAM	25	0	21.84	21.81	21.80	22.8	2	
10	16QAM	25	12	21.82	21.80	21.79			
10	16QAM	25	25	21.83	21.81	21.78			
10	16QAM	50	0	21.86	21.81	21.78	22.8	2	
10	64QAM	1	0	21.96	21.99	21.92			
10	64QAM	1	25	22.00	21.92	22.06			
10	64QAM	1	49	22.05	22.02	22.02	21.8	3	
10	64QAM	25	0	20.82	20.80	20.79			
10	64QAM	25	12	20.83	20.80	20.79			
10	64QAM	25	25	20.83	20.79	20.77	21.8	3	
10	64QAM	50	0	20.82	20.80	20.78			
Channel				23755	23790	23825	24.8	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.82	23.89	23.86			
5	QPSK	1	12	23.71	23.67	23.71	23.8	1	
5	QPSK	1	24	23.81	23.78	23.76			
5	QPSK	12	0	22.83	22.84	22.81			
5	QPSK	12	7	22.71	22.69	22.73	23.8	1	
5	QPSK	12	13	22.72	22.68	22.70			
5	QPSK	25	0	22.71	22.81	22.65			
5	16QAM	1	0	23.02	23.08	23.05	23.8	1	
5	16QAM	1	12	23.06	22.99	22.97			
5	16QAM	1	24	23.04	23.00	23.05			
5	16QAM	12	0	21.72	21.68	21.69	22.8	2	
5	16QAM	12	7	21.79	21.70	21.70			
5	16QAM	12	13	21.68	21.79	21.71			
5	16QAM	25	0	21.85	21.66	21.69	22.8	2	
5	64QAM	1	0	21.95	21.91	21.97			
5	64QAM	1	12	21.87	21.87	21.95			
5	64QAM	1	24	22.01	22.00	21.99	21.8	3	
5	64QAM	12	0	20.79	20.71	20.76			
5	64QAM	12	7	20.74	20.77	20.76			
5	64QAM	12	13	20.69	20.64	20.67	21.8	3	
5	64QAM	25	0	20.68	20.65	20.76			

Band 26_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.8	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.00	24.03	23.98			
15	QPSK	1	37	23.98	23.95	23.95	23.8	1	
15	QPSK	1	74	23.94	23.98	23.90			
15	QPSK	36	0	22.95	22.95	22.90			
15	QPSK	36	20	22.85	22.82	22.85	23.8	1	
15	QPSK	36	39	22.90	22.85	22.86			
15	QPSK	75	0	22.92	22.93	22.90			
15	16QAM	1	0	23.17	23.18	23.15	23.8	1	
15	16QAM	1	37	23.19	23.19	23.17			
15	16QAM	1	74	23.21	23.11	23.13			
15	16QAM	36	0	21.93	21.95	21.91	22.8	2	
15	16QAM	36	20	21.93	21.92	21.92			
15	16QAM	36	39	21.95	21.90	21.89			
15	16QAM	75	0	21.95	21.95	21.94	22.8	2	
15	64QAM	1	0	22.06	22.09	22.06			
15	64QAM	1	37	22.02	22.06	22.06			
15	64QAM	1	74	22.11	22.01	22.03	21.8	3	
15	64QAM	36	0	20.95	20.96	20.93			
15	64QAM	36	20	20.94	20.92	20.94			
15	64QAM	36	39	20.96	20.91	20.89	21.8	3	
15	64QAM	75	0	20.93	20.93	20.93			
Channel				26740	26865	26990	24.8	0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.94	23.98	23.82			
10	QPSK	1	25	23.93	23.82	23.87	23.8	1	
10	QPSK	1	49	23.88	23.75	23.83			
10	QPSK	25	0	22.85	22.81	22.85			
10	QPSK	25	12	22.70	22.75	22.78	23.8	1	
10	QPSK	25	25	22.79	22.74	22.80			
10	QPSK	50	0	22.87	22.83	22.77			
10	16QAM	1	0	23.09	23.08	23.08	23.8	1	
10	16QAM	1	25	23.12	23.06	23.01			
10	16QAM	1	49	23.11	22.99	23.05			
10	16QAM	25	0	21.88	21.81	21.81	22.8	2	
10	16QAM	25	12	21.86	21.87	21.80			
10	16QAM	25	25	21.93	21.79	21.80			
10	16QAM	50	0	21.92	21.89	21.87	22.8	2	
10	64QAM	1	0	21.97	21.99	21.95			
10	64QAM	1	25	21.91	21.84	21.95			
10	64QAM	1	49	21.95	21.94	21.95	21.8	3	
10	64QAM	25	0	20.80	20.89	20.81			
10	64QAM	25	12	20.80	20.77	20.82			
10	64QAM	25	25	20.86	20.79	20.76	21.8	3	
10	64QAM	50	0	20.81	20.87	20.86			
Channel				26715	26865	27015	24.8	0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.92	23.87	23.89			
5	QPSK	1	12	23.90	23.89	23.82	23.8	1	
5	QPSK	1	24	23.85	23.81	23.82			
5	QPSK	12	0	22.78	22.81	22.82			
5	QPSK	12	7	22.70	22.86	22.70	23.8	1	
5	QPSK	12	13	22.83	22.80	22.78			
5	QPSK	25	0	22.86	22.77	22.85			
5	16QAM	1	0	23.12	23.11	23.00	23.8	1	
5	16QAM	1	12	23.03	23.11	23.05			
5	16QAM	1	24	23.06	22.97	23.01			
5	16QAM	12	0	21.85	21.83	21.76	22.8	2	
5	16QAM	12	7	21.91	21.87	21.81			
5	16QAM	12	13	21.90	21.83	21.79			
5	16QAM	25	0	21.83	21.84	21.84	22.8	2	
5	64QAM	1	0	21.99	21.98	21.91			
5	64QAM	1	12	21.96	21.98	21.93			
5	64QAM	1	24	21.95	21.94	21.96	21.8	3	
5	64QAM	12	0	20.89	20.80	20.80			
5	64QAM	12	7	20.84	20.76	20.82			
5	64QAM	12	13	20.82	20.82	20.84	21.8	3	
5	64QAM	25	0	20.79	20.80	20.77			
Channel				26705	26865	27025	24.8	0	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.84	23.88	23.84			
3	QPSK	1	8	23.92	23.82	23.81	23.8	0	
3	QPSK	1	14	23.89	23.72	23.83			
3	QPSK	8	0	22.80	22.86	22.77			
3	QPSK	8	4	22.71	22.66	22.75	23.8	1	
3	QPSK	8	7	22.82	22.75	22.86			
3	QPSK	15	0	22.80	22.78	22.74			
3	16QAM	1	0	23.07	23.07	23.04	23.8	1	
3	16QAM	1	8	23.11	23.04	23.06			
3	16QAM	1	14	23.05	22.96	23.06			
3	16QAM	8	0	21.87	21.85	21.83	22.8	2	
3	16QAM	8	4	21.93	21.83	21.85			
3	16QAM	8	8	21.90	21.77	21.77			
3	16QAM	15	0	21.99	21.81	21.88	22.8	2	
3	64QAM	1	0	21.92	21.99	22.00			
3	64QAM	1	8	21.86	21.94	21.98			
3	64QAM	1	14	22.02	21.89	21.98	21.8	3	
3	64QAM	8	0	20.90	20.87	20.78			
3	64QAM	8	4	20.87	20.85	20.83			
3	64QAM	8	8	20.87	20.82	20.82	21.8	3	
3	64QAM	15	0	20.79	20.82	20.82			
Channel				26697	26865	27033	24.8	0	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.86	23.98	23.83			
1.4	QPSK	1	3	23.90	23.88	23.87	24.8	0	
1.4	QPSK	1	5	23.82	23.77	23.85			
1.4	QPSK	3	0	23.85	23.87	23.89			
1.4	QPSK	3	3	23.81	23.80	23.85	23.8	1	
1.4	QPSK	3	3	23.83	23.83	23.83			
1.4	QPSK	6	0	22.77	22.89	22.75			
1.4	16QAM	1	0	23.73	22.68	22.72	23.8	1	
1.4	16QAM	1	3	22.77	22.77	22.70			
1.4	16QAM	1	5	22.87	22.87	22.84			
1.4	16QAM	3	0	23.11	23.10	23.10	22.8	2	
1.4	16QAM	3	3	23.09	23.05	23.05			
1.4	16QAM	3	3	23.16	23.04	23.04			
1.4	16QAM	6	0	21.85	21.85	21.82	22.8	2	
1.4	64QAM	1	0	21.91	21.78	21.81			
1.4	64QAM	1	3	21.93	21.75	21.75			
1.4	64QAM	1	5	21.88	21.88	21.87	22.8	2	
1.4	64QAM	3	0	21.91	21.84	21.98			
1.4	64QAM	3	1	21.88	21.98	21.95			
1.4	64QAM	3	3	21.99	21.93	21.97	21.8	3	
1.4	64QAM	6	0	20.89	20.80	20.81			

Band 26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.8	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.93	23.95	23.92	23.8	1	
15	QPSK	1	37	23.90	23.86	23.87			
15	QPSK	1	74	23.84	23.82	23.78			
15	QPSK	36	0	23.85	22.85	22.83			
15	QPSK	36	20	22.81	22.76	22.72			
15	QPSK	36	39	22.80	22.76	22.73	23.8	1	
15	QPSK	75	0	22.80	22.65	22.74			
15	16QAM	1	0	23.07	23.08	23.08			
15	16QAM	1	37	23.04	23.11	23.04			
15	16QAM	1	74	23.06	22.97	22.96			
15	16QAM	36	0	21.83	21.80	21.78	22.8	2	
15	16QAM	36	20	21.83	21.78	21.76			
15	16QAM	36	39	21.79	21.79	21.76			
15	16QAM	75	0	21.83	21.80	21.79			
15	64QAM	1	0	22.00	21.91	21.97			
15	64QAM	1	37	21.96	22.00	21.95	22.8	2	
15	64QAM	1	74	21.96	21.89	21.83			
15	64QAM	36	0	20.83	20.81	20.80			
15	64QAM	36	20	20.82	20.79	20.79			
15	64QAM	36	39	20.81	20.81	20.78			
15	64QAM	75	0	20.82	20.79	20.76	21.8	3	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.84	23.84	23.78	24.8	0	
10	QPSK	1	25	23.76	23.79	23.86			
10	QPSK	1	49	23.81	23.73	23.62			
10	QPSK	25	0	22.79	22.78	22.71			
10	QPSK	25	12	22.78	22.65	22.66			
10	QPSK	25	25	22.68	22.71	22.68	23.8	1	
10	QPSK	50	0	22.66	22.70	22.62			
10	16QAM	1	0	22.97	22.97	22.99			
10	16QAM	1	25	22.98	23.04	23.01			
10	16QAM	1	49	23.03	22.95	22.92			
10	16QAM	25	0	21.70	21.77	21.77	22.8	2	
10	16QAM	25	12	21.72	21.63	21.64			
10	16QAM	25	25	21.71	21.73	21.65			
10	16QAM	50	0	21.75	21.76	21.66			
10	64QAM	1	0	21.89	21.79	21.82			
10	64QAM	1	25	21.88	21.95	21.80	22.8	2	
10	64QAM	1	49	21.86	21.76	21.88			
10	64QAM	25	0	20.71	20.76	20.74			
10	64QAM	25	12	20.78	20.64	20.75			
10	64QAM	25	25	20.76	20.80	20.72			
10	64QAM	50	0	20.68	20.70	20.65	21.8	3	
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.82	23.83	23.90	24.8	0	
5	QPSK	1	12	23.80	23.80	23.75			
5	QPSK	1	24	23.80	23.80	23.73			
5	QPSK	12	0	22.71	22.80	22.77			
5	QPSK	12	7	22.74	22.65	22.57			
5	QPSK	12	13	22.79	22.64	22.58	23.8	1	
5	QPSK	25	0	22.74	22.79	22.66			
5	16QAM	1	0	23.04	23.05	23.00			
5	16QAM	1	12	22.92	23.06	23.01			
5	16QAM	1	24	22.97	22.90	22.96			
5	16QAM	12	0	21.61	21.68	21.77	22.8	2	
5	16QAM	12	7	21.72	21.69	21.72			
5	16QAM	12	13	21.69	21.77	21.75			
5	16QAM	25	0	21.71	21.72	21.70			
5	64QAM	1	0	21.99	21.89	21.82			
5	64QAM	1	12	21.95	21.89	21.93	22.8	2	
5	64QAM	1	24	21.91	21.84	21.85			
5	64QAM	12	0	20.73	20.72	20.75			
5	64QAM	12	7	20.78	20.74	20.67			
5	64QAM	12	13	20.71	20.78	20.69			
5	64QAM	25	0	20.76	20.67	20.66	21.8	3	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.84	23.84	23.89	24.8	0	
3	QPSK	1	8	23.81	23.74	23.81			
3	QPSK	1	14	23.82	23.67	23.69			
3	QPSK	8	0	22.62	22.61	22.60			
3	QPSK	8	4	22.74	22.75	22.71			
3	QPSK	8	7	22.67	22.75	22.71	23.8	1	
3	QPSK	15	0	22.73	22.82	22.71			
3	16QAM	1	0	23.06	23.03	22.98			
3	16QAM	1	8	22.94	23.08	22.94			
3	16QAM	1	14	22.98	22.89	22.89			
3	16QAM	8	0	21.69	21.73	21.77	22.8	2	
3	16QAM	8	4	21.68	21.63	21.64			
3	16QAM	8	7	21.70	21.71	21.69			
3	16QAM	15	0	21.73	21.70	21.71			
3	64QAM	1	0	21.91	21.81	21.89			
3	64QAM	1	8	21.82	21.96	21.92	22.8	2	
3	64QAM	1	14	21.91	21.88	21.82			
3	64QAM	8	0	20.70	20.70	20.67			
3	64QAM	8	4	20.79	20.75	20.70			
3	64QAM	8	7	20.78	20.68	20.76			
3	64QAM	15	0	20.69	20.66	20.70	21.8	3	
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.89	23.93	23.78	24.8	0	
1.4	QPSK	1	3	23.82	23.78	23.74			
1.4	QPSK	1	5	23.82	23.67	23.63			
1.4	QPSK	3	0	23.67	23.92	23.87			
1.4	QPSK	3	1	23.85	23.74	23.86			
1.4	QPSK	3	3	23.80	23.69	23.66	23.8	1	
1.4	QPSK	6	0	22.83	22.79	22.78			
1.4	16QAM	1	0	22.71	22.62	22.59			
1.4	16QAM	1	3	22.74	22.67	22.62			
1.4	16QAM	1	5	22.79	22.77	22.60			
1.4	16QAM	3	0	22.94	22.94	22.95	23.8	1	
1.4	16QAM	3	1	23.00	23.01	22.99			
1.4	16QAM	3	3	23.02	22.87	22.94			
1.4	16QAM	6	0	21.78	21.69	21.72			
1.4	64QAM	1	0	21.82	21.71	21.71			
1.4	64QAM	1	3	21.74	21.77	21.62	22.8	2	
1.4	64QAM	1	5	21.77	21.72	21.77			
1.4	64QAM	3	0	21.92	21.84	21.86			
1.4	64QAM	3	1	21.87	21.96	21.87			
1.4	64QAM	3	3	21.88	21.87	21.90			
1.4	64QAM	6	0	20.72	20.71	20.75	21.8	3	

Band 66_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.85	24.15	24.04	24.8	0	
20	QPSK	1	49	23.66	24.10	23.85			
20	QPSK	1	99	23.72	24.00	23.68			
20	QPSK	50	0	22.80	23.08	23.01	23.8	1	
20	QPSK	50	24	22.76	23.07	22.91			
20	QPSK	50	50	22.76	23.03	22.79			
20	QPSK	100	0	22.71	23.04	22.90	23.8	1	
20	16QAM	1	0	22.99	23.24	23.32			
20	16QAM	1	49	22.96	23.40	23.14			
20	16QAM	1	99	23.00	23.30	22.96	23.8	1	
20	16QAM	50	0	21.68	22.07	22.00			
20	16QAM	50	24	21.75	22.02	21.91			
20	16QAM	50	50	21.75	22.02	21.71	22.8	2	
20	16QAM	100	0	21.70	22.02	21.87			
20	64QAM	1	0	21.82	22.05	22.13			
20	64QAM	1	49	21.78	22.21	21.98	22.8	2	
20	64QAM	1	99	21.83	22.10	21.76			
20	64QAM	50	0	20.66	21.06	21.00			
20	64QAM	50	24	20.68	21.05	20.90	21.8	3	
20	64QAM	50	50	20.75	21.03	20.79			
20	64QAM	100	0	20.71	21.03	20.97			
Channel				132047	132322	132587			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.73	23.99	23.93	24.8	0	
15	QPSK	1	37	23.61	24.01	23.78			
15	QPSK	1	74	23.60	23.86	23.60			
15	QPSK	36	0	22.68	22.96	22.87	23.8	1	
15	QPSK	36	20	22.54	22.96	22.79			
15	QPSK	36	39	22.63	22.96	22.67			
15	QPSK	75	0	22.83	22.96	22.74	23.8	1	
15	16QAM	1	0	22.94	23.10	23.18			
15	16QAM	1	37	22.80	23.24	23.09			
15	16QAM	1	74	22.86	23.20	22.91	22.8	2	
15	16QAM	36	0	21.65	21.97	21.92			
15	16QAM	36	20	21.63	22.00	21.79			
15	16QAM	36	39	21.73	21.89	21.72	22.8	2	
15	16QAM	75	0	21.67	21.92	21.60			
15	64QAM	1	0	21.72	21.93	22.04			
15	64QAM	1	37	21.69	22.11	21.85	22.8	2	
15	64QAM	1	74	21.78	21.99	21.71			
15	64QAM	36	0	20.57	20.96	20.90			
15	64QAM	36	20	20.52	20.96	20.83	21.8	3	
15	64QAM	36	39	20.66	20.91	20.70			
15	64QAM	75	0	20.63	20.86	20.77			
Channel				132022	132322	132582			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.78	24.07	23.97	24.8	0	
10	QPSK	1	25	23.54	24.05	23.78			
10	QPSK	1	49	23.60	23.88	23.61			
10	QPSK	25	0	22.71	23.00	22.91	23.8	1	
10	QPSK	25	12	22.60	22.94	22.79			
10	QPSK	25	25	22.60	22.92	22.64			
10	QPSK	50	0	22.66	22.90	22.77	23.8	1	
10	16QAM	1	0	22.91	23.18	23.10			
10	16QAM	1	25	22.88	23.31	22.99			
10	16QAM	1	49	22.85	23.20	22.82	22.8	2	
10	16QAM	25	0	21.66	22.02	21.84			
10	16QAM	25	12	21.63	21.99	21.90			
10	16QAM	25	25	21.67	21.89	21.71	22.8	2	
10	16QAM	50	0	21.64	21.90	21.77			
10	64QAM	1	0	21.76	21.91	21.65			
10	64QAM	1	25	21.71	22.14	21.80	21.8	3	
10	64QAM	1	49	21.78	21.95	21.71			
10	64QAM	25	0	20.58	20.98	20.90			
10	64QAM	25	12	20.63	20.96	20.83	21.8	3	
10	64QAM	25	25	20.62	20.88	20.65			
10	64QAM	50	0	20.55	20.92	20.71			
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.78	24.00	23.91	24.8	0	
5	QPSK	1	12	23.52	24.02	23.71			
5	QPSK	1	24	23.60	23.94	23.54			
5	QPSK	12	0	22.68	23.02	22.96	23.8	1	
5	QPSK	12	7	22.63	23.02	22.78			
5	QPSK	12	13	22.64	22.88	22.71			
5	QPSK	25	0	22.59	22.91	22.79	23.8	1	
5	16QAM	1	0	22.89	23.08	23.22			
5	16QAM	1	12	22.90	23.24	23.09			
5	16QAM	1	24	22.84	23.24	22.86	22.8	2	
5	16QAM	12	0	21.64	21.94	21.91			
5	16QAM	12	7	21.62	21.91	21.81			
5	16QAM	12	13	21.71	21.94	21.65	22.8	2	
5	16QAM	25	0	21.65	21.88	21.72			
5	64QAM	1	0	21.73	21.88	22.08			
5	64QAM	1	12	21.70	22.10	21.79	21.8	3	
5	64QAM	1	24	21.70	21.98	21.66			
5	64QAM	12	0	20.52	21.00	20.90			
5	64QAM	12	7	20.55	20.98	20.83	21.8	3	
5	64QAM	12	13	20.64	20.90	20.67			
5	64QAM	25	0	20.66	20.95	20.73			
Channel				131987	132322	132655			
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.70	24.02	23.98	24.8	0	
3	QPSK	1	8	23.60	24.10	23.76			
3	QPSK	1	14	23.58	23.98	23.67			
3	QPSK	8	0	22.84	22.94	22.85	23.8	1	
3	QPSK	8	4	22.55	22.99	22.81			
3	QPSK	8	7	22.65	22.93	22.72			
3	QPSK	15	0	22.62	22.90	22.85	23.8	1	
3	16QAM	1	0	22.92	23.18	23.23			
3	16QAM	1	8	22.90	23.33	23.08			
3	16QAM	1	14	22.96	23.31	22.87	22.8	2	
3	16QAM	8	0	21.62	21.93	21.85			
3	16QAM	8	4	21.65	22.01	21.83			
3	16QAM	8	7	21.67	21.94	21.72	22.8	2	
3	16QAM	15	0	21.62	21.95	21.72			
3	64QAM	1	0	21.69	21.97	22.04			
3	64QAM	1	8	21.71	22.10	21.81	22.8	2	
3	64QAM	1	14	21.75	22.07	21.64			
3	64QAM	8	0	20.63	21.01	20.93			
3	64QAM	8	4	20.62	20.92	20.80	21.8	3	
3	64QAM	8	7	20.69	20.90	20.70			
3	64QAM	15	0	20.62	20.87	20.82			
Channel				131979	132322	132665			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.77	24.01	23.89	24.8	0	
1.4	QPSK	1	3	23.52	23.99	23.79			
1.4	QPSK	1	5	23.65	23.91	23.57			
1.4	QPSK	3	0	23.78	24.06	23.97	23.8	1	
1.4	QPSK	3	1	23.54	23.97	23.07			
1.4	QPSK	3	3	23.67	23.92	23.58			
1.4	QPSK	6	0	22.67	22.94	22.96	23.8	1	
1.4	16QAM	1	0	22.62	22.96	22.78			
1.4	16QAM	1	3	22.67	22.89	22.65			
1.4	16QAM	1	5	22.61	22.98	22.83	23.8	1	
1.4	16QAM	3	0	22.86	23.13	23.05			
1.4	16QAM	3	1	22.91	23.34	23.07			
1.4	16QAM	3	3	22.94	23.17	22.88	22.8	2	
1.4	16QAM	6	0	21.66	22.02	21.87			
1.4	64QAM	1	0	21.62	21.97	21.80			
1.4	64QAM	1	3	21.71	21.86	21.70	22.8	2	
1.4	64QAM	1	5	21.68	21.96	21.76			
1.4	64QAM	3	0	21.73	21.96	22.08			
1.4	64QAM	3	1	21.62	22.06	21.69	21.8	3	
1.4	64QAM	3	3	21.67	22.04	21.68			
1.4	64QAM	6	0	20.61	20.90	20.90			

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	24.02	24.22	24.17	24.8	0	
20	QPSK	1	49	23.86	24.21	24.05			
20	QPSK	1	99	23.96	24.14	23.90			
20	QPSK	50	0	23.05	23.25	23.08	23.8	1	
20	QPSK	50	24	22.95	23.22	22.96			
20	QPSK	50	50	22.98	23.19	22.97			
20	QPSK	100	0	22.94	23.21	23.03	23.8	1	
20	16QAM	1	0	23.11	23.43	23.45			
20	16QAM	1	49	23.15	23.45	23.35			
20	16QAM	1	99	23.18	23.37	23.16	22.8	2	
20	16QAM	50	0	21.94	22.25	22.09			
20	16QAM	50	24	21.94	22.21	22.06			
20	16QAM	50	50	21.95	22.18	21.97	21.8	3	
20	16QAM	100	0	21.92	22.19	22.02			
20	64QAM	1	0	22.07	22.30	22.31			
20	64QAM	1	49	22.07	22.34	22.16	22.8	2	
20	64QAM	1	99	22.11	22.31	22.00			
20	64QAM	50	0	20.96	21.23	21.09			
20	64QAM	50	24	20.94	21.20	21.06	21.8	3	
20	64QAM	50	50	20.97	21.18	20.94			
20	64QAM	100	0	20.92	21.19	21.03			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.91	24.20	24.07	24.8	0	
15	QPSK	1	37	23.92	24.18	24.03			
15	QPSK	1	74	23.88	24.19	23.92			
15	QPSK	36	0	22.90	23.21	23.05	23.8	1	
15	QPSK	36	20	22.90	23.20	23.00			
15	QPSK	36	39	22.87	23.15	22.94			
15	QPSK	75	0	22.92	23.22	23.01	23.8	1	
15	16QAM	1	0	23.10	23.44	23.33			
15	16QAM	1	37	23.16	23.49	23.32			
15	16QAM	1	74	23.09	23.39	23.17	22.8	2	
15	16QAM	36	0	21.90	22.22	22.06			
15	16QAM	36	20	21.90	22.20	22.01			
15	16QAM	36	39	21.89	22.17	21.95	21.8	3	
15	16QAM	75	0	21.91	22.24	22.03			
15	64QAM	1	0	22.07	22.35	22.23			
15	64QAM	1	37	22.05	22.39	22.19	22.8	2	
15	64QAM	1	74	22.04	22.29	22.03			
15	64QAM	36	0	20.93	21.24	21.08			
15	64QAM	36	20	20.91	21.23	21.04	21.8	3	
15	64QAM	36	39	20.91	21.20	20.99			
15	64QAM	75	0	20.91	21.23	21.04			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.99	24.07	24.08	24.8	0	
10	QPSK	1	25	23.80	24.10	24.04			
10	QPSK	1	49	23.95	24.05	23.89			
10	QPSK	25	0	22.96	23.12	22.97	23.8	1	
10	QPSK	25	12	22.90	23.15	22.95			
10	QPSK	25	25	22.84	23.08	22.90			
10	QPSK	50	0	22.82	23.11	22.97	23.8	1	
10	16QAM	1	0	23.10	23.32	23.34			
10	16QAM	1	25	23.01	23.38	23.31			
10	16QAM	1	49	23.17	23.31	23.08	22.8	2	
10	16QAM	25	0	21.81	22.18	22.01			
10	16QAM	25	12	21.91	22.10	21.93			
10	16QAM	25	25	21.89	22.05	21.92	22.8	2	
10	16QAM	50	0	21.81	22.08	21.97			
10	64QAM	1	0	21.99	22.26	22.30			
10	64QAM	1	25	22.02	22.28	22.08	21.8	3	
10	64QAM	1	49	21.97	22.21	21.88			
10	64QAM	25	0	20.88	21.15	20.96			
10	64QAM	25	12	20.85	21.08	20.94	21.8	3	
10	64QAM	25	25	20.90	21.03	20.81			
10	64QAM	50	0	20.90	21.18	20.93			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.90	24.12	24.12	24.8	0	
5	QPSK	1	12	23.82	24.17	23.97			
5	QPSK	1	24	23.88	24.11	23.87			
5	QPSK	12	0	22.96	23.14	23.08	23.8	1	
5	QPSK	12	7	22.89	23.17	23.06			
5	QPSK	12	13	22.84	23.18	22.87			
5	QPSK	25	0	22.90	23.17	22.91	23.8	1	
5	16QAM	1	0	23.03	23.40	23.41			
5	16QAM	1	12	23.08	23.40	23.28			
5	16QAM	1	24	23.15	23.33	23.06	22.8	2	
5	16QAM	12	0	21.89	22.18	21.98			
5	16QAM	12	7	21.92	22.16	22.04			
5	16QAM	12	13	21.81	22.11	21.82	22.8	2	
5	16QAM	25	0	21.90	22.09	21.96			
5	64QAM	1	0	21.96	22.17	22.29			
5	64QAM	1	12	21.95	22.20	22.05	22.8	2	
5	64QAM	1	24	22.09	22.22	21.94			
5	64QAM	12	0	20.91	21.09	21.01			
5	64QAM	12	7	20.79	21.17	21.05	21.8	3	
5	64QAM	12	13	20.87	21.08	20.87			
5	64QAM	25	0	20.91	21.13	20.90			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.92	24.13	24.16	24.8	0	
3	QPSK	1	8	23.83	24.09	23.93			
3	QPSK	1	14	23.94	24.01	23.79			
3	QPSK	8	0	22.91	23.19	23.05	23.8	1	
3	QPSK	8	4	22.87	23.14	22.99			
3	QPSK	8	7	22.86	23.05	22.84			
3	QPSK	15	0	22.90	23.06	22.99	23.8	1	
3	16QAM	1	0	23.08	23.41	23.36			
3	16QAM	1	8	23.13	23.40	23.25			
3	16QAM	1	14	23.04	23.30	23.04	22.8	2	
3	16QAM	8	0	21.89	22.13	21.94			
3	16QAM	8	4	21.93	22.15	21.91			
3	16QAM	8	7	21.94	22.11	21.88	22.8	2	
3	16QAM	15	0	21.83	22.09	21.99			
3	64QAM	1	0	22.02	22.20	22.25			
3	64QAM	1	8	21.97	22.25	22.09	22.8	2	
3	64QAM	1	14	21.98	22.29	21.96			
3	64QAM	8	0	20.92	21.10	20.97			
3	64QAM	8	4	20.83	21.15	20.93	21.8	3	
3	64QAM	8	7	20.92	21.05	20.83			
3	64QAM	15	0	20.90	21.07	20.89			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.97	24.08	24.03	24.8	0	
1.4	QPSK	1	3	23.73	24.19	24.01			
1.4	QPSK	1	5	23.85	24.11	23.85			
1.4	QPSK	3	0	23.96	24.17	24.10	23.8	1	
1.4	QPSK	3	1	23.79	24.13	24.03			
1.4	QPSK	3	3	23.81	24.04	23.86			
1.4	QPSK	6	0	22.90	23.14	22.99	23.8	1	
1.4	16QAM	1	0	22.80	23.16	23.05			
1.4	16QAM	1	3	22.85	23.15	22.86			
1.4	16QAM	1	5	22.88	23.12	23.00	23.8	1	
1.4	16QAM	3	0	22.97	23.33	23.39			
1.4	16QAM	3	1	23.00	23.29	23.27			
1.4	16QAM	3	3	23.09	23.23	23.03	22.8	2	
1.4	16QAM	6	0	21.84	22.15	21.98			
1.4	64QAM	1	0	21.83	22.17	21.81			
1.4	64QAM	1	3	21.92	22.15	21.84	22.8	2	
1.4	64QAM	1	5	21.78	22.20	21.99			
1.4	64QAM	3	0	22.01	22.21	22.17			
1.4	64QAM	3	1	22.05	22.23	22.05	21.8	3	
1.4	64QAM	3	3	22.02	22.25	21.97			
1.4	64QAM	6	0	20.82	21.18	20.99			

Band 38_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	24.8	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.37	24.40	24.30			
20	QPSK	1	49	24.35	24.26	24.20			
20	QPSK	1	99	24.31	24.19	24.16	23.8	1	
20	QPSK	50	0	23.34	23.37	23.35			
20	QPSK	50	24	23.32	23.20	23.14			
20	QPSK	50	50	23.30	23.20	23.15			
20	QPSK	100	0	23.30	23.35	23.14	23.8	1	
20	16QAM	1	0	23.30	23.21	23.15			
20	16QAM	1	49	23.34	23.23	23.17			
20	16QAM	1	99	23.32	23.22	23.19			
20	16QAM	50	0	22.34	22.20	22.14	22.8	2	
20	16QAM	50	24	22.35	22.22	22.16			
20	16QAM	50	50	22.34	22.22	22.16			
20	16QAM	100	0	22.32	22.20	22.15			
20	64QAM	1	0	22.08	21.94	21.90	22.8	2	
20	64QAM	1	49	22.08	21.96	21.95			
20	64QAM	1	99	22.08	21.94	21.94			
20	64QAM	50	0	21.30	21.17	21.11			
20	64QAM	50	24	21.32	21.18	21.13	21.8	3	
20	64QAM	50	50	21.32	21.20	21.12			
20	64QAM	100	0	21.32	21.17	21.12			
Channel				37825	38000	38175	24.8	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	24.28	24.27	24.21			
15	QPSK	1	37	24.30	24.10	24.07			
15	QPSK	1	74	24.23	24.07	24.04	23.8	1	
15	QPSK	36	0	23.26	23.23	23.19			
15	QPSK	36	20	23.24	23.10	23.09			
15	QPSK	36	39	23.18	23.09	23.07			
15	QPSK	75	0	23.24	23.30	22.98	23.8	1	
15	16QAM	1	0	23.18	23.07	23.02			
15	16QAM	1	37	23.24	23.14	23.09			
15	16QAM	1	74	23.19	23.15	23.08			
15	16QAM	36	0	22.27	22.13	22.09	22.8	2	
15	16QAM	36	20	22.30	22.12	22.02			
15	16QAM	36	39	22.31	22.12	22.06			
15	16QAM	75	0	22.26	22.04	22.10			
15	64QAM	1	0	22.01	21.87	21.77	22.8	2	
15	64QAM	1	37	22.04	21.83	21.79			
15	64QAM	1	74	21.95	21.82	21.81			
15	64QAM	36	0	21.16	21.02	20.99			
15	64QAM	36	20	21.21	21.08	21.08	21.8	3	
15	64QAM	36	39	21.18	21.04	21.07			
15	64QAM	75	0	21.22	21.10	21.00			
Channel				37800	38000	38200	24.8	0	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	24.24	24.30	24.15			
10	QPSK	1	25	24.24	24.11	24.15			
10	QPSK	1	49	24.26	24.03	24.11	23.8	1	
10	QPSK	25	0	23.21	23.23	23.09			
10	QPSK	25	12	23.21	23.09	23.05			
10	QPSK	25	25	23.20	23.07	23.05			
10	QPSK	50	0	23.23	23.20	23.06	23.8	1	
10	16QAM	1	0	23.17	23.13	23.09			
10	16QAM	1	25	23.18	23.08	23.12			
10	16QAM	1	49	23.24	23.11	23.07			
10	16QAM	25	0	22.31	22.14	21.99	22.8	2	
10	16QAM	25	12	22.30	22.13	22.04			
10	16QAM	25	25	22.28	22.07	22.02			
10	16QAM	50	0	22.26	22.05	21.99			
10	64QAM	1	0	21.98	21.86	21.76	22.8	2	
10	64QAM	1	25	22.00	21.86	21.88			
10	64QAM	1	49	22.00	21.81	21.89			
10	64QAM	25	0	21.22	21.11	21.03			
10	64QAM	25	12	21.20	21.07	21.05	21.8	3	
10	64QAM	25	25	21.26	21.07	20.99			
10	64QAM	50	0	21.23	21.05	20.96			
Channel				37775	38000	38225	24.8	0	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	24.22	24.31	24.21			
5	QPSK	1	12	24.30	24.11	24.10			
5	QPSK	1	24	24.24	24.03	24.13	23.8	1	
5	QPSK	12	0	23.16	23.31	23.10			
5	QPSK	12	7	23.25	23.14	23.01			
5	QPSK	12	13	23.24	23.15	23.04			
5	QPSK	25	0	23.14	23.24	22.99	23.8	1	
5	16QAM	1	0	23.15	23.15	23.00			
5	16QAM	1	12	23.19	23.13	23.05			
5	16QAM	1	24	23.23	23.14	23.14			
5	16QAM	12	0	22.28	22.05	22.01	22.8	2	
5	16QAM	12	7	22.33	22.13	22.07			
5	16QAM	12	13	22.26	22.15	22.10			
5	16QAM	25	0	22.26	22.05	22.05			
5	64QAM	1	0	21.94	21.84	21.80	22.8	2	
5	64QAM	1	12	22.04	21.84	21.82			
5	64QAM	1	24	21.96	21.80	21.89			
5	64QAM	12	0	21.22	21.11	21.03			
5	64QAM	12	7	21.22	21.08	21.03	21.8	3	
5	64QAM	12	13	21.20	21.04	20.99			
5	64QAM	25	0	21.23	21.08	20.97			

Band 38_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	24.8	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.98	24.00	23.97			
20	QPSK	1	49	23.97	23.89	23.78			
20	QPSK	1	99	23.97	23.90	23.86	23.8	1	
20	QPSK	50	0	22.93	22.95	22.91			
20	QPSK	50	24	22.91	22.84	22.85			
20	QPSK	50	50	22.90	22.84	22.86			
20	QPSK	100	0	22.92	22.93	22.81	23.8	1	
20	16QAM	1	0	22.94	22.88	22.80			
20	16QAM	1	49	22.95	22.84	22.82			
20	16QAM	1	99	22.99	22.88	22.95			
20	16QAM	50	0	21.92	21.83	21.81	22.8	2	
20	16QAM	50	24	21.93	21.86	21.87			
20	16QAM	50	50	21.95	21.87	21.88			
20	16QAM	100	0	21.92	21.84	21.84			
20	64QAM	1	0	21.72	21.65	21.59	22.8	2	
20	64QAM	1	49	21.72	21.64	21.64			
20	64QAM	1	99	21.74	21.67	21.77			
20	64QAM	50	0	20.91	20.84	20.80			
20	64QAM	50	24	20.93	20.85	20.85	21.8	3	
20	64QAM	50	50	20.96	20.87	20.87			
20	64QAM	100	0	20.93	20.83	20.83			
Channel				37825	38000	38175	24.8	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.82	23.87	23.88			
15	QPSK	1	37	23.85	23.75	23.67			
15	QPSK	1	74	23.86	23.76	23.76	23.8	1	
15	QPSK	36	0	22.78	22.86	22.83			
15	QPSK	36	20	22.78	22.77	22.78			
15	QPSK	36	39	22.83	22.71	22.75			
15	QPSK	75	0	22.78	22.82	22.70	23.8	1	
15	16QAM	1	0	22.85	22.72	22.75			
15	16QAM	1	37	22.86	22.79	22.67			
15	16QAM	1	74	22.85	22.76	22.76	21.8	3	
15	16QAM	36	0	21.87	21.70	21.65			
15	16QAM	36	20	21.87	21.74	21.82			
15	16QAM	36	39	21.87	21.74	21.78			
15	16QAM	75	0	21.87	21.76	21.71	22.8	2	
15	64QAM	1	0	21.57	21.60	21.45			
15	64QAM	1	37	21.66	21.52	21.50			
15	64QAM	1	74	21.65	21.57	21.62	21.8	3	
15	64QAM	36	0	20.81	20.77	20.72			
15	64QAM	36	20	20.79	20.76	20.78			
15	64QAM	36	39	20.89	20.71	20.72			
15	64QAM	75	0	20.77	20.69	20.68	24.8	0	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.89	23.87	23.88			
10	QPSK	1	25	23.85	23.81	23.65	23.8	1	
10	QPSK	1	49	23.81	23.83	23.71			
10	QPSK	25	0	22.84	22.80	22.81			
10	QPSK	25	12	22.76	22.76	22.71			
10	QPSK	25	25	22.75	22.78	22.79	23.8	1	
10	QPSK	50	0	22.87	22.87	22.75			
10	16QAM	1	0	22.79	22.76	22.75			
10	16QAM	1	25	22.85	22.72	22.78			
10	16QAM	1	49	22.85	22.72	22.87	22.8	2	
10	16QAM	25	0	21.84	21.69	21.74			
10	16QAM	25	12	21.89	21.73	21.71			
10	16QAM	25	25	21.92	21.75	21.76			
10	16QAM	50	0	21.86	21.77	21.78	22.8	2	
10	16QAM	1	0	21.84	21.53	21.50			
10	24QAM	1	25	21.56	21.50	21.50			
10	84QAM	1	49	21.89	21.60	21.69			
10	84QAM	25	0	20.82	20.72	20.72	21.8	3	
10	84QAM	25	12	20.85	20.71	20.71			
10	84QAM	25	25	20.84	20.79	20.82			
10	84QAM	50	0	20.80	20.71	20.70			
Channel				37775	38000	38225	24.8	0	
Frequency (MHz)				2572.5	2596	2617.5			
5	QPSK	1	0	23.98	23.92	23.87			
5	QPSK	1	12	23.95	23.86	23.94			
5	QPSK	1	24	23.93	23.93	23.92	23.8	1	
5	QPSK	12	0	23.91	22.93	22.95			
5	QPSK	12	7	23.90	22.91	22.96			
5	QPSK	12	13	23.90	22.92	22.96			
5	QPSK	25	0	23.01	22.92	22.97	23.8	1	
5	16QAM	1	0	23.03	22.93	22.89			
5	16QAM	1	12	23.09	22.96	22.94			
5	16QAM	1	24	23.05	22.94	22.95			
5	16QAM	12	0	21.98	21.88	21.91	22.8	2	
5	16QAM	12	7	21.98	21.88	21.94			
5	16QAM	12	13	21.97	21.89	21.95			
5	16QAM	25	0	22.04	21.94	22.00			
5	64QAM	1	0	21.79	21.76	21.68	22.8	2	
5	64QAM	1	12	21.80	21.77	21.71			
5	64QAM	1	24	21.80	21.71	21.74			
5	84QAM	12	0	21.02	20.94	20.94			
5	84QAM	12	7	21.01	20.93	20.97	21.8	3	
5	64QAM	12	13	21.01	20.92	21.01			
5	64QAM	25	0	21.05	20.96	20.99			

Band 41_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	24.28	24.44	24.45	24.20	24.15	24.8	0		
20	QPSK	1	49	24.22	24.34	24.38	24.16	24.05				
20	QPSK	1	99	24.25	24.42	24.30	24.17	24.11				
20	QPSK	50	0	23.28	23.38	23.40	23.35	23.15	23.8	1		
20	QPSK	50	24	23.20	23.29	23.31	23.22	23.09				
20	QPSK	50	50	23.25	23.35	23.30	23.19	23.11				
20	QPSK	100	0	23.20	23.31	23.33	23.19	23.08	23.8	1		
20	16QAM	1	0	23.05	23.25	23.34	23.14	22.99				
20	16QAM	1	49	23.24	23.32	23.39	23.18	23.08				
20	16QAM	1	99	23.29	23.46	23.29	23.21	23.17	22.8	2		
20	16QAM	50	0	22.11	22.25	22.35	22.18	22.02				
20	16QAM	50	24	22.21	22.29	22.31	22.22	22.09				
20	16QAM	50	50	22.27	22.37	22.31	22.21	22.14	22.8	2		
20	16QAM	100	0	22.20	22.31	22.32	22.21	22.08				
20	64QAM	1	0	21.78	21.92	22.06	21.88	21.73				
20	64QAM	1	49	21.97	22.05	22.08	21.95	21.81	22.8	2		
20	64QAM	1	99	22.01	22.15	22.02	21.95	21.89				
20	64QAM	50	0	21.13	21.23	21.34	21.18	21.03				
20	64QAM	50	24	21.23	21.27	21.32	21.21	21.11	21.8	3		
20	64QAM	50	50	21.28	21.35	21.31	21.21	21.14				
20	64QAM	100	0	21.22	21.29	21.33	21.21	21.10				
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	24.13	24.30	24.39	24.09	24.03	24.8	0		
15	QPSK	1	37	24.13	24.26	24.28	24.01	23.91				
15	QPSK	1	74	24.11	24.35	24.17	24.07	24.01				
15	QPSK	36	0	23.15	23.25	23.24	23.14	22.99	23.8	1		
15	QPSK	36	20	23.15	23.14	23.26	23.11	22.97				
15	QPSK	36	39	23.17	23.28	23.22	23.05	22.96				
15	QPSK	75	0	23.06	23.17	23.24	23.09	22.96	23.8	1		
15	16QAM	1	0	22.96	23.12	23.27	23.08	22.91				
15	16QAM	1	37	23.17	23.25	23.30	23.06	23.03				
15	16QAM	1	74	23.16	23.40	23.18	23.12	23.09	22.8	2		
15	16QAM	36	0	22.06	22.09	22.25	22.11	21.92				
15	16QAM	36	20	22.08	22.24	22.17	22.08	22.04				
15	16QAM	36	39	22.22	22.30	22.17	22.08	22.04	22.8	2		
15	16QAM	75	0	22.14	22.26	22.23	22.12	21.98				
15	64QAM	1	0	21.73	21.77	21.91	21.70	21.58				
15	64QAM	1	37	21.90	21.95	22.01	21.82	21.70	22.8	2		
15	64QAM	1	74	21.84	22.02	21.83	21.79	21.80				
15	64QAM	36	0	21.06	21.12	21.28	21.03	20.87				
15	64QAM	36	20	21.17	21.12	21.27	21.08	21.05	21.8	3		
15	64QAM	36	39	21.17	21.22	21.26	21.09	21.08				
15	64QAM	75	0	21.13	21.15	21.24	21.06	20.98				
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	24.16	24.39	24.33	24.06	24.00	24.8	0		
10	QPSK	1	25	24.12	24.23	24.33	24.05	23.90				
10	QPSK	1	49	24.10	24.36	24.18	24.02	23.98				
10	QPSK	25	0	23.20	23.29	23.31	23.14	23.06	23.8	1		
10	QPSK	25	12	23.06	23.19	23.17	23.08	22.96				
10	QPSK	25	25	23.19	23.23	23.23	23.06	23.04				
10	QPSK	50	0	23.13	23.25	23.23	23.11	22.92	23.8	1		
10	16QAM	1	0	22.93	23.19	23.23	23.03	22.92				
10	16QAM	1	25	23.13	23.20	23.32	23.10	23.03				
10	16QAM	1	49	23.24	23.38	23.14	23.13	23.04	22.8	2		
10	16QAM	25	0	22.08	22.13	22.23	22.03	21.89				
10	16QAM	25	12	22.11	22.14	22.26	22.06	22.01				
10	16QAM	25	25	22.22	22.22	22.23	22.15	21.98	22.8	2		
10	16QAM	50	0	22.05	22.25	22.21	22.10	21.99				
10	64QAM	1	0	21.73	21.85	21.91	21.72	21.65				
10	64QAM	1	25	21.89	21.93	22.03	21.86	21.71	22.8	2		
10	64QAM	1	49	21.86	22.00	21.83	21.84	21.73				
10	64QAM	25	0	21.08	21.07	21.23	21.08	20.95				
10	64QAM	25	12	21.15	21.16	21.19	21.07	20.99	21.8	3		
10	64QAM	25	25	21.14	21.22	21.20	21.05	21.08				
10	64QAM	50	0	21.13	21.16	21.19	21.09	20.99				
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	24.21	24.39	24.35	24.08	24.08	24.8	0		
5	QPSK	1	12	24.07	24.18	24.26	24.01	24.00				
5	QPSK	1	24	24.16	24.33	24.22	24.08	23.98				
5	QPSK	12	0	23.15	23.25	23.29	23.10	23.09	23.8	1		
5	QPSK	12	7	23.04	23.20	23.18	23.15	22.95				
5	QPSK	12	13	23.11	23.21	23.22	23.11	23.00				
5	QPSK	25	0	23.07	23.19	23.18	23.07	23.01	23.8	1		
5	16QAM	1	0	22.93	23.10	23.23	22.98	22.91				
5	16QAM	1	12	23.11	23.17	23.24	23.11	22.97				
5	16QAM	1	24	23.14	23.30	23.15	23.10	23.11	22.8	2		
5	16QAM	12	0	22.03	22.14	22.28	22.07	21.94				
5	16QAM	12	7	22.06	22.14	22.20	22.13	22.03				
5	16QAM	12	13	22.17	22.23	22.26	22.15	22.01	22.8	2		
5	16QAM	25	0	22.07	22.23	22.17	22.05	21.98				
5	64QAM	1	0	21.71	21.80	21.93	21.77	21.66				
5	64QAM	1	12	21.92	21.91	22.03	21.85	21.70	22.8	2		
5	64QAM	1	24	21.89	22.05	21.86	21.83	21.75				
5	64QAM	12	0	21.08	21.14	21.18	21.08	20.96				
5	64QAM	12	7	21.14	21.15	21.17	21.12	20.95	21.8	3		
5	64QAM	12	13	21.12	21.24	21.25	21.16	21.09				
5	64QAM	25	0	21.11	21.23	21.20	21.05	20.98				

Band 41_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	25405	2593	26365	2680				
20	QPSK	1	0	24.08	24.05	24.0	23.95	24.03				
20	QPSK	1	49	24.03	24.03	24.05	23.86	23.92	24.8		0	
20	QPSK	1	99	23.96	24.03	24.08	23.82	24.01				
20	QPSK	50	0	23.05	23.00	23.08	22.92	22.99				
20	QPSK	50	24	23.02	22.90	22.96	22.94	22.97	23.8		1	
20	QPSK	50	50	22.98	22.90	22.91	22.88	22.97				
20	QPSK	100	0	23.02	22.93	23.05	22.89	22.86				
20	16QAM	1	0	23.05	22.89	23.08	22.83	22.76				
20	16QAM	1	49	23.04	22.96	23.06	22.91	22.88	23.8		1	
20	16QAM	1	99	23.02	23.05	23.09	22.90	22.89				
20	16QAM	50	0	22.02	21.90	21.99	21.94	21.81				
20	16QAM	50	24	22.01	21.92	22.00	21.92	21.87	22.8		2	
20	16QAM	50	50	21.98	21.90	21.91	21.81	21.89				
20	16QAM	100	0	22.02	21.95	21.98	21.82	21.89				
20	64QAM	1	0	21.80	21.61	21.78	21.64	21.49				
20	64QAM	1	49	21.77	21.71	21.77	21.64	21.62	22.8		2	
20	64QAM	1	99	21.69	21.79	21.77	21.63	21.79				
20	64QAM	50	0	21.00	20.91	21.00	20.95	20.84				
20	64QAM	50	24	21.00	20.94	21.02	20.93	20.89	21.8		3	
20	64QAM	50	50	20.99	20.99	21.00	20.92	20.89				
20	64QAM	100	0	21.03	20.93	21.00	20.92	20.89				
Channel				39725	40173	40620	41058	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				26035	26463	2693	2637.8	2682.5				
15	QPSK	1	0	23.94	23.94	23.99	23.89	23.92				
15	QPSK	1	37	23.92	23.88	23.96	23.72	23.76	24.8		0	
15	QPSK	1	74	23.85	23.93	23.95	23.69	23.85				
15	QPSK	36	0	22.99	22.87	22.96	22.85	22.86				
15	QPSK	36	20	22.95	22.82	22.94	22.83	22.78	23.8		1	
15	QPSK	36	39	22.93	22.90	22.97	22.77	22.90				
15	QPSK	75	0	22.90	22.86	22.92	22.76	22.70				
15	16QAM	1	0	22.99	22.73	22.99	22.81	22.83				
15	16QAM	1	37	22.93	22.87	23.01	22.81	22.80	23.8		1	
15	16QAM	1	74	22.89	22.95	22.95	22.76	22.93				
15	16QAM	36	0	21.90	21.79	21.90	21.80	21.69				
15	16QAM	36	20	21.96	21.83	21.85	21.87	21.76	22.8		2	
15	16QAM	36	39	21.93	21.88	21.88	21.85	21.87				
15	16QAM	75	0	21.90	21.86	21.87	21.87	21.87				
15	64QAM	1	0	21.75	21.53	21.84	21.59	21.34				
15	64QAM	1	37	21.68	21.66	21.71	21.49	21.45	22.8		2	
15	64QAM	1	74	21.62	21.66	21.67	21.56	21.63				
15	64QAM	36	0	20.95	20.82	20.94	20.82	20.79				
15	64QAM	36	20	20.90	20.82	20.90	20.84	20.80	21.8		3	
15	64QAM	36	39	20.93	20.90	20.90	20.82	20.87				
15	64QAM	75	0	20.96	20.79	20.89	20.84	20.80				
Channel				39700	40160	40620	41080	41545	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	25417	2593	2637	2680				
10	QPSK	1	0	23.99	23.99	23.98	23.79	23.87				
10	QPSK	1	25	23.88	23.94	23.92	23.73	23.84	24.8		0	
10	QPSK	1	49	23.83	23.92	24.03	23.68	23.86				
10	QPSK	25	0	22.90	22.86	22.92	22.79	22.94				
10	QPSK	25	12	22.87	22.78	22.94	22.82	22.79	23.8		1	
10	QPSK	25	25	22.90	22.88	22.90	22.76	22.82				
10	16QAM	1	0	22.86	22.81	22.93	22.81	22.79				
10	16QAM	1	25	22.92	22.75	22.94	22.85	22.71	23.8		1	
10	16QAM	1	25	22.94	22.88	22.93	22.76	22.83				
10	16QAM	1	49	22.88	22.96	22.93	22.84	22.98				
10	16QAM	25	0	21.86	21.75	21.93	21.80	21.67				
10	16QAM	25	12	21.89	21.78	21.86	21.76	21.75	22.8		2	
10	16QAM	25	25	21.90	21.87	21.84	21.81	21.83				
10	16QAM	50	0	21.97	21.89	21.86	21.85	21.81				
10	64QAM	1	0	21.70	21.46	21.66	21.55	21.39				
10	64QAM	1	25	21.86	21.84	21.71	21.56	21.48	22.8		2	
10	64QAM	1	49	21.62	21.72	21.68	21.53	21.73				
10	64QAM	25	0	20.92	20.86	20.91	20.84	20.75				
10	64QAM	25	12	20.88	20.86	20.91	20.81	20.83	21.8		3	
10	64QAM	25	25	20.90	20.92	20.90	20.78	20.91				
10	64QAM	50	0	20.91	20.84	20.91	20.85	20.73				
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	24.24	23.89	23.89	23.98	24.22				
5	QPSK	1	12	24.21	23.92	23.90	23.96	24.21	24.8		0	
5	QPSK	1	24	24.20	23.90	23.90	23.96	24.20				
5	QPSK	12	0	23.31	22.93	22.92	22.92	23.27				
5	QPSK	12	7	23.30	22.93	22.93	22.89	23.25	23.8		1	
5	QPSK	12	13	23.25	22.92	22.90	22.87	23.26				
5	16QAM	1	0	23.31	22.96	22.98	22.83	23.22				
5	16QAM	1	12	23.32	22.99	23.00	22.91	23.26	23.8		1	
5	16QAM	1	24	23.30	23.04	22.99	22.87	23.28				
5	16QAM	12	0	22.24	21.90	21.87	21.87	22.22	22.8		2	
5	16QAM	12	7	22.22	21.89	21.86	21.85	22.22				
5	16QAM	12	13	22.22	21.89	21.89	21.85	22.26				
5	16QAM	25	0	22.30	21.94	21.94	21.92	22.31				
5	64QAM	1	0	22.05	21.67	21.70	21.70	22.03				
5	64QAM	1	12	22.04	21.64	21.70	21.72	22.07	22.8		2	
5	64QAM	1	24	21.99	21.70	21.70	21.69	22.11				
5	64QAM	12	0	21.25	20.94	20.93	20.96	21.20	21.8		3	
5	64QAM	12	7	21.26	20.95	20.91	20.90	21.28				
5	64QAM	12	13	21.26	20.94	20.94	20.91	21.29				
5	64QAM	25	0	21.30	20.96	20.97	20.95	21.32				

Band 41_Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490	24.1	0	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.33	23.22	23.35	23.22	23.20			
20	QPSK	1	49	23.30	23.09	23.31	23.19	23.08			
20	QPSK	1	99	23.22	23.21	23.33	23.12	23.17			
20	QPSK	50	0	22.25	22.15	22.28	22.18	22.25	23.1	1	
20	QPSK	50	24	22.25	22.08	22.23	22.13	22.15			
20	QPSK	50	50	22.23	22.17	22.24	22.11	22.20			
20	QPSK	100	0	22.24	22.10	22.25	22.12	22.16			
20	16QAM	1	0	22.30	22.05	22.28	22.16	22.13			
20	16QAM	1	49	22.27	22.13	22.30	22.15	22.15	23.1	1	
20	16QAM	1	99	22.21	22.27	22.30	22.15	22.26			
20	16QAM	50	0	21.25	21.07	21.24	21.18	21.15			
20	16QAM	50	24	21.23	21.09	21.23	21.14	21.17			
20	16QAM	50	50	21.22	21.18	21.26	21.12	21.24			
20	16QAM	100	0	21.23	21.11	21.23	21.15	21.16	22.1	2	
20	64QAM	1	0	21.01	20.74	20.99	20.95	20.85			
20	64QAM	1	49	21.02	20.89	20.98	20.89	20.88			
20	64QAM	1	99	20.95	20.96	21.01	20.87	20.98			
20	64QAM	50	0	20.20	20.05	20.21	20.17	20.12			
20	64QAM	50	24	20.25	20.10	20.26	20.13	20.17	21.1	3	
20	64QAM	50	50	20.22	20.17	20.27	20.12	20.23			
20	64QAM	100	0	20.26	20.11	20.24	20.16	20.15			
Channel				39725	40173	40620	41068	41515	24.1	0	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.28	23.14	23.22	23.17	23.09			
15	QPSK	1	37	23.17	23.01	23.17	23.12	22.92			
15	QPSK	1	74	23.06	23.07	23.18	23.00	23.02			
15	QPSK	36	0	22.16	22.09	22.15	22.05	22.09	23.1	1	
15	QPSK	36	20	22.12	21.97	22.09	22.00	22.06			
15	QPSK	36	39	22.17	22.01	22.14	22.04	22.15			
15	QPSK	75	0	22.11	21.94	22.20	22.00	22.11			
15	16QAM	1	0	22.16	21.92	22.16	22.01	21.98			
15	16QAM	1	37	22.18	21.98	22.23	22.06	22.05	23.1	1	
15	16QAM	1	74	22.11	22.19	22.15	22.07	22.17			
15	16QAM	36	0	21.20	20.93	21.09	21.02	20.99			
15	16QAM	36	20	21.16	21.00	21.18	20.99	21.03			
15	16QAM	36	39	21.12	21.03	21.20	20.99	21.15			
15	16QAM	75	0	21.15	20.98	21.13	21.04	21.00	22.1	2	
15	64QAM	1	0	20.93	20.61	20.86	20.87	20.79			
15	64QAM	1	37	20.95	20.79	20.85	20.77	20.78			
15	64QAM	1	74	20.84	20.81	20.88	20.79	20.85			
15	64QAM	36	0	20.10	19.90	20.15	20.06	20.03			
15	64QAM	36	20	20.15	20.00	20.17	20.02	20.05	21.1	3	
15	64QAM	36	39	20.12	20.11	20.15	19.99	20.13			
15	64QAM	75	0	20.11	20.06	20.15	20.04	20.01			
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685	24.1	0	
10	QPSK	1	0	23.24	23.10	23.29	23.06	23.14			
10	QPSK	1	25	23.20	22.96	23.26	23.09	22.92			
10	QPSK	1	49	23.06	23.14	23.28	22.99	23.11			
10	QPSK	25	0	22.14	22.05	22.16	22.04	22.09	23.1	1	
10	QPSK	25	12	22.18	21.92	22.18	21.98	22.06			
10	QPSK	25	25	22.17	22.08	22.09	21.97	22.15			
10	QPSK	50	0	22.12	21.98	22.18	22.03	22.02			
10	16QAM	1	0	22.22	21.97	22.17	22.10	22.00			
10	16QAM	1	25	22.13	22.05	22.25	22.04	22.09	23.1	1	
10	16QAM	1	49	22.07	22.22	22.24	22.02	22.13			
10	16QAM	25	0	21.09	21.00	21.08	21.10	21.06			
10	16QAM	25	12	21.16	20.99	21.11	21.07	21.07			
10	16QAM	25	25	21.13	21.07	21.19	21.03	21.14			
10	16QAM	50	0	21.13	21.05	21.16	21.09	21.06	22.1	2	
10	64QAM	1	0	20.88	20.65	20.92	20.79	20.72			
10	64QAM	1	25	20.91	20.75	20.90	20.76	20.72			
10	64QAM	1	49	20.89	20.85	20.92	20.82	20.84			
10	64QAM	25	0	20.16	19.97	20.06	20.12	19.99			
10	64QAM	25	12	20.14	20.04	20.11	20.04	20.01	21.1	3	
10	64QAM	25	25	20.15	20.08	20.11	20.04	20.14			
10	64QAM	50	0	20.12	19.98	20.16	20.01	20.01			
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	24.1	0	
5	QPSK	1	0	23.20	23.05	23.21	23.14	23.17			
5	QPSK	1	12	23.21	23.07	23.19	23.18	23.22			
5	QPSK	1	24	23.18	23.10	23.12	23.12	23.20			
5	QPSK	12	0	22.30	22.07	22.14	22.14	22.21	23.1	1	
5	QPSK	12	7	22.29	22.06	22.14	22.11	22.24			
5	QPSK	12	13	22.26	22.06	22.13	22.09	22.22			
5	QPSK	25	0	22.26	22.06	22.15	22.11	22.24			
5	16QAM	1	0	22.29	22.07	22.16	22.11	22.21			
5	16QAM	1	12	22.32	22.12	22.18	22.13	22.25	23.1	1	
5	16QAM	1	24	22.29	22.16	22.17	22.13	22.26			
5	16QAM	12	0	21.27	21.03	21.12	21.11	21.21			
5	16QAM	12	7	21.24	21.03	21.10	21.07	21.22			
5	16QAM	12	13	21.24	21.02	21.11	21.06	21.21			
5	16QAM	25	0	21.29	21.09	21.17	21.13	21.29	22.1	2	
5	64QAM	1	0	21.04	20.82	20.96	20.85	21.00			
5	64QAM	1	12	21.04	20.83	20.95	20.85	21.00			
5	64QAM	1	24	21.02	20.86	20.97	20.82	20.99			
5	64QAM	12	0	20.28	20.11	20.17	20.13	20.22			
5	64QAM	12	7	20.31	20.09	20.15	20.10	20.24	21.1	3	
5	64QAM	12	13	20.31	20.09	20.14	20.10	20.25			
5	64QAM	25	0	20.33	20.11	20.18	20.17	20.29			

Reduced Power Mode for ECI 1

GSM900_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot		32.21	32.40	32.35	33.50	23.21	23.40	23.35	24.50
GPRS/EDGE GMSK 1 Tx slot		32.20	32.38	32.34	33.50	23.20	23.38	23.34	24.50
GPRS/EDGE GMSK 2 Tx slots		30.20	30.33	30.31	31.00	24.20	24.13	24.31	25.00
GPRS/EDGE GMSK 3 Tx slots		28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.94
GPRS/EDGE GMSK 4 Tx slots		26.56	26.74	26.71	28.00	23.56	23.74	23.71	25.00
EDGE BPSK 1 Tx slot		26.30	26.33	26.30	28.00	17.30	17.33	17.30	19.00
EDGE BPSK 2 Tx slots		25.05	25.08	25.23	26.00	19.05	19.08	19.23	20.00
EDGE BPSK 3 Tx slots		22.95	22.98	23.05	24.00	16.69	16.72	16.79	18.74
EDGE BPSK 4 Tx slots		21.67	21.68	21.78	23.00	18.67	18.68	18.76	20.00

GSM1900_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1862	1878.8		1850.2	1860	1878.8	
GSM 1 Tx slot		29.59	29.63	29.56	30.50	20.59	20.63	20.56	21.50
GPRS/EDGE GMSK 1 Tx slot		29.58	29.61	29.54	30.50	20.58	20.61	20.54	21.50
GPRS/EDGE GMSK 2 Tx slots		26.62	26.64	26.61	28.00	20.62	20.64	20.61	22.00
GPRS/EDGE GMSK 3 Tx slots		24.90	24.91	24.87	26.00	20.64	20.65	20.61	21.74
GPRS/EDGE GMSK 4 Tx slots		23.15	23.16	23.13	24.00	20.16	20.16	20.13	21.00
EDGE BPSK 1 Tx slot		26.40	26.26	26.23	27.00	17.40	17.26	17.23	18.00
EDGE BPSK 2 Tx slots		24.90	24.89	24.88	26.00	18.90	18.89	18.88	20.00
EDGE BPSK 3 Tx slots		22.85	22.78	22.73	23.50	18.59	18.52	18.47	19.24
EDGE BPSK 4 Tx slots		21.40	21.36	21.33	22.50	18.40	18.36	18.33	18.50

GSM900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot		32.22	32.33	32.30	33.50	23.22	23.33	23.30	24.50
GPRS/EDGE GMSK 1 Tx slot		32.20	32.32	32.28	33.50	23.20	23.32	23.28	24.50
GPRS/EDGE GMSK 2 Tx slots		30.21	30.30	30.27	31.00	24.21	24.30	24.27	25.00
GPRS/EDGE GMSK 3 Tx slots		28.21	28.29	28.26	29.20	23.95	24.03	24.00	24.94
GPRS/EDGE GMSK 4 Tx slots		26.65	26.73	26.70	28.00	23.65	23.73	23.70	25.00
EDGE BPSK 1 Tx slot		26.33	26.37	26.30	28.00	17.33	17.37	17.30	19.00
EDGE BPSK 2 Tx slots		25.11	25.13	25.08	26.00	19.11	19.13	19.08	20.00
EDGE BPSK 3 Tx slots		23.90	23.02	22.98	24.00	18.74	18.76	18.72	19.74
EDGE BPSK 4 Tx slots		21.90	21.94	21.89	23.00	18.90	18.94	18.89	20.00

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1862	1878.8		1850.2	1860	1878.8	
GSM 1 Tx slot		29.53	29.57	29.55	30.50	20.53	20.57	20.55	21.50
GPRS/EDGE GMSK 1 Tx slot		29.51	29.55	29.53	30.50	20.51	20.55	20.53	21.50
GPRS/EDGE GMSK 2 Tx slots		26.50	26.54	26.52	28.00	20.50	20.54	20.52	22.00
GPRS/EDGE GMSK 3 Tx slots		24.76	24.82	24.80	26.00	20.50	20.56	20.54	21.74
GPRS/EDGE GMSK 4 Tx slots		23.01	23.05	23.03	24.00	20.01	20.05	20.03	21.00
EDGE BPSK 1 Tx slot		25.95	25.97	25.93	27.00	16.95	16.97	16.93	18.00
EDGE BPSK 2 Tx slots		24.88	24.90	24.85	26.00	18.88	18.90	18.85	20.00
EDGE BPSK 3 Tx slots		22.42	22.46	22.40	23.50	18.16	18.20	18.14	19.24
EDGE BPSK 4 Tx slots		21.23	21.26	21.21	22.50	18.23	18.26	18.21	19.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Frequency (MHz)		1824.2	1860	1907.6		1824.2	1860	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.16	22.22	22.15	23.30	21.21	21.28	21.20	22.30
3GPP Rel 99	RMC 12.2Kbps	22.19	22.24	22.19	23.30	21.24	21.30	21.23	22.30
3GPP Rel 6	HSDPA Subtest-1	21.19	21.20	21.38	22.30	20.32	20.44	20.45	21.30
3GPP Rel 6	HSDPA Subtest-2	21.29	21.24	21.28	22.30	20.44	20.48	20.45	21.30
3GPP Rel 6	HSDPA Subtest-3	20.79	20.75	20.89	21.80	20.02	20.07	19.91	20.80
3GPP Rel 6	HSDPA Subtest-4	20.72	20.73	20.84	21.80	19.86	20.01	20.01	20.80
3GPP Rel 6	DC-HSDPA Subtest-1	21.18	21.17	21.18	22.30	20.22	20.39	20.43	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	21.15	21.22	21.11	22.30	20.38	20.47	20.34	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	20.73	20.64	20.82	21.80	19.85	19.96	19.83	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	20.53	20.69	20.68	21.80	19.78	19.93	19.77	20.80
3GPP Rel 6	HSUPA Subtest-1	18.70	18.71	18.61	20.30	17.73	17.72	17.77	19.30
3GPP Rel 6	HSUPA Subtest-2	18.56	18.61	18.62	20.30	17.79	17.58	17.59	19.30
3GPP Rel 6	HSUPA Subtest-3	20.71	20.59	20.69	21.30	19.72	19.67	19.76	20.30
3GPP Rel 6	HSUPA Subtest-4	18.65	18.63	18.65	20.30	17.72	17.69	17.62	19.30
3GPP Rel 6	HSUPA Subtest-5	20.70	20.67	20.69	21.30	19.77	19.63	19.66	20.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.22	21.13	21.10	21.80	20.45	20.46	20.40	20.80

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Frequency (MHz)		1537	1638	1738		1537	1638	1738	
3GPP Rel 99	AMR 12.2Kbps	21.67	21.62	21.91	22.80	21.09	21.11	21.02	21.80
3GPP Rel 99	RMC 12.2Kbps	21.91	21.95	21.94	22.80	21.13	21.14	21.09	21.80
3GPP Rel 6	HSDPA Subtest-1	21.01	20.98	20.89	21.80	20.21	20.18	20.09	20.80
3GPP Rel 6	HSDPA Subtest-2	20.92	20.98	20.92	21.80	20.19	20.09	20.06	20.80
3GPP Rel 6	HSDPA Subtest-3	20.43	20.59	20.40	21.30	19.67	19.73	19.56	20.30
3GPP Rel 6	HSDPA Subtest-4	20.44	20.47	20.49	21.30	19.69	19.64	19.63	20.30
3GPP Rel 6	DC-HSDPA Subtest-1	20.95	20.85	20.82	21.80	20.05	20.07	19.98	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	20.79	21.03	20.82	21.80	20.02	20.04	19.97	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	20.40	20.47	20.40	21.30	19.58	19.57	19.46	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	20.33	20.42	20.40	21.30	19.60	19.59	19.44	20.30
3GPP Rel 6	HSUPA Subtest-1	18.43	18.51	18.49	19.80	17.53	17.52	17.53	18.80
3GPP Rel 6	HSUPA Subtest-2	18.49	18.52	18.43	19.80	17.47	17.47	17.39	18.80
3GPP Rel 6	HSUPA Subtest-3	20.47	20.43	20.43	20.80	19.43	19.39	19.43	19.80
3GPP Rel 6	HSUPA Subtest-4	18.41	18.48	18.49	19.80	17.56	17.43	17.44	18.80
3GPP Rel 6	HSUPA Subtest-5	20.47	20.44	20.43	20.80	19.52	19.45	19.44	19.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.14	20.27	20.11	21.30	19.20	19.33	19.27	20.30

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Frequency (MHz)		4357	4407	4458		4357	4407	4458	
3GPP Rel 99	AMR 12.2Kbps	23.70	23.72	23.67	24.80	23.71	23.73	23.68	24.80
3GPP Rel 99	RMC 12.2Kbps	23.73	23.75	23.71	24.80	23.75	23.77	23.72	24.80
3GPP Rel 6	HSDPA Subtest-1	22.81	22.74	22.79	23.80	22.73	22.67	22.71	23.80
3GPP Rel 6	HSDPA Subtest-2	22.79	22.79	22.78	23.80	22.73	22.71	22.72	23.80
3GPP Rel 6	HSDPA Subtest-3	22.34	22.36	22.35	23.30	22.30	22.24	22.25	23.30
3GPP Rel 6	HSDPA Subtest-4	22.32	22.30	22.28	23.30	22.25	22.17	22.19	23.30
3GPP Rel 6	DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	22.64	22.61	22.57	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	22.62	22.61	22.58	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	22.19	22.17	22.12	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	22.20	22.12	22.14	23.30
3GPP Rel 6	HSUPA Subtest-1	20.45	20.48	20.42	21.80	20.42	20.40	20.39	21.80
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.40	21.80	20.37	20.37	20.35	21.80
3GPP Rel 6	HSUPA Subtest-3	22.45	22.46	22.43	22.80	22.37	22.32	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	20.40	20.43	20.41	21.80	20.36	20.37	20.32	21.80
3GPP Rel 6	HSUPA Subtest-5	22.50	22.55	22.52	22.80	22.46	22.49	22.41	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.62	21.65	21.60	23.30	21.70	21.74	21.68	23.30

Band 2_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	22.04	22.06	22.03	22.8	0	
20	QPSK	1	49	21.90	22.00	22.02			
20	QPSK	1	99	21.86	22.00	21.94			
20	QPSK	50	0	21.92	22.05	22.00	22.8	0	
20	QPSK	50	24	21.92	22.00	21.95			
20	QPSK	50	50	21.91	22.05	21.98			
20	QPSK	100	0	21.99	22.00	21.91	22.8	0	
20	16QAM	1	0	21.98	21.97	21.97			
20	16QAM	1	49	21.92	21.98	21.99			
20	16QAM	1	99	21.99	21.94	21.94	21.8	1	
20	16QAM	50	0	20.92	21.04	21.04			
20	16QAM	50	24	20.96	20.96	21.05			
20	16QAM	50	50	20.92	20.96	21.00	21.8	1	
20	16QAM	100	0	20.91	20.99	21.02			
20	64QAM	1	0	21.11	21.14	21.12			
20	64QAM	1	49	21.07	21.17	21.12	21.8	1	
20	64QAM	1	99	20.97	21.03	21.06			
20	64QAM	50	0	19.92	19.97	20.04			
20	64QAM	50	24	19.96	19.96	20.03	20.8	2	
20	64QAM	50	50	19.92	19.95	20.00			
20	64QAM	100	0	19.92	19.97	20.01			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	21.85	21.80	21.97	22.8	0	
15	QPSK	1	37	21.83	21.89	21.96			
15	QPSK	1	74	21.85	21.98	21.88			
15	QPSK	36	0	21.83	21.83	21.82	22.8	0	
15	QPSK	36	20	21.89	21.89	21.93			
15	QPSK	36	39	21.86	21.93	21.86			
15	QPSK	75	0	21.85	21.96	21.78	22.8	0	
15	16QAM	1	0	21.85	21.93	21.90			
15	16QAM	1	37	21.89	21.96	21.88			
15	16QAM	1	74	21.94	21.93	21.88	21.8	1	
15	16QAM	36	0	20.96	20.96	20.94			
15	16QAM	36	20	20.98	20.92	20.98			
15	16QAM	36	39	20.86	20.88	20.87	21.8	1	
15	16QAM	75	0	20.87	20.83	20.88			
15	64QAM	1	0	21.00	21.08	21.04			
15	64QAM	1	37	20.93	21.01	21.06	21.8	1	
15	64QAM	1	74	20.86	20.97	20.92			
15	64QAM	36	0	19.76	19.86	19.88			
15	64QAM	36	20	19.97	19.91	19.90	20.8	2	
15	64QAM	36	39	19.81	19.81	19.86			
15	64QAM	75	0	19.80	19.82	19.88			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	21.80	21.80	21.97	22.8	0	
10	QPSK	1	25	21.80	21.87	21.97			
10	QPSK	1	49	21.81	21.93	21.79			
10	QPSK	25	0	21.87	21.93	21.82	22.8	0	
10	QPSK	25	12	21.81	21.96	21.93			
10	QPSK	25	25	21.88	21.91	21.90			
10	QPSK	50	0	21.92	21.85	21.86	22.8	0	
10	16QAM	1	0	21.88	21.93	21.91			
10	16QAM	1	25	21.85	21.86	21.86			
10	16QAM	1	49	21.87	21.91	21.97	21.8	1	
10	16QAM	25	0	20.89	20.90	20.91			
10	16QAM	25	12	20.91	20.90	20.95			
10	16QAM	25	25	20.89	20.85	20.87	21.8	1	
10	16QAM	50	0	20.87	20.85	20.97			
10	64QAM	1	0	21.04	20.99	21.07			
10	64QAM	1	25	20.95	21.08	21.04	21.8	1	
10	64QAM	1	49	20.90	20.92	20.98			
10	64QAM	25	0	19.82	19.85	19.86			
10	64QAM	25	12	19.81	19.85	19.89	20.8	2	
10	64QAM	25	25	19.87	19.81	19.95			
10	64QAM	50	0	19.84	19.82	19.87			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	21.84	21.81	21.85	22.8	0	
5	QPSK	1	12	21.78	21.87	21.97			
5	QPSK	1	24	21.84	21.96	21.82			
5	QPSK	12	0	21.84	21.92	21.91	22.8	0	
5	QPSK	12	7	21.81	21.92	21.80			
5	QPSK	12	13	21.80	21.93	21.92			
5	QPSK	25	0	21.96	21.97	21.88	22.8	0	
5	16QAM	1	0	21.84	21.95	21.83			
5	16QAM	1	12	21.89	21.83	21.86			
5	16QAM	1	24	21.96	21.96	21.88	21.8	1	
5	16QAM	12	0	20.87	20.89	20.90			
5	16QAM	12	7	20.94	20.86	20.94			
5	16QAM	12	13	20.88	20.81	20.87	21.8	1	
5	16QAM	25	0	20.85	20.91	20.94			
5	64QAM	1	0	21.00	21.09	21.07			
5	64QAM	1	12	21.02	21.02	20.96	21.8	1	
5	64QAM	1	24	20.89	20.90	20.98			
5	64QAM	12	0	19.85	19.81	19.98			
5	64QAM	12	7	19.90	19.89	19.94	20.8	2	
5	64QAM	12	13	19.76	19.81	19.84			
5	64QAM	25	0	19.76	19.91	19.95			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	21.91	21.92	21.88	22.8	0	
3	QPSK	1	8	21.87	21.85	21.90			
3	QPSK	1	14	21.89	21.97	21.82			
3	QPSK	8	0	21.90	21.88	21.92	22.8	0	
3	QPSK	8	7	21.84	21.97	21.92			
3	QPSK	8	7	21.85	21.97	21.90			
3	QPSK	15	0	21.97	21.88	21.84	22.8	0	
3	16QAM	1	0	21.93	21.93	21.91			
3	16QAM	1	8	21.80	21.96	21.86			
3	16QAM	1	14	21.87	21.96	21.88	21.8	1	
3	16QAM	8	0	20.87	20.89	20.90			
3	16QAM	8	4	20.92	20.85	20.99			
3	16QAM	8	7	20.86	20.90	20.89	21.8	1	
3	16QAM	15	0	20.83	20.91	20.91			
3	64QAM	1	0	20.97	21.07	20.99			
3	64QAM	1	8	20.93	21.12	21.02	21.8	1	
3	64QAM	1	14	20.85	20.95	20.97			
3	64QAM	8	0	19.84	19.81	19.93			
3	64QAM	8	4	19.86	19.85	19.86	20.8	2	
3	64QAM	8	7	19.87	19.81	19.95			
3	64QAM	15	0	19.84	19.83	19.94			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	21.86	21.84	21.97	22.8	0	
1.4	QPSK	1	3	21.89	21.91	21.97			
1.4	QPSK	1	5	21.77	21.88	21.92			
1.4	QPSK	3	0	21.93	21.88	21.92	22.8	0	
1.4	QPSK	3	1	21.82	21.83	21.83			
1.4	QPSK	3	3	21.80	21.85	21.83			
1.4	QPSK	6	0	21.84	21.92	21.94	22.8	0	
1.4	16QAM	1	0	21.79	21.90	21.91			
1.4	16QAM	1	3	21.87	21.95	21.91			
1.4	16QAM	1	5	21.84	21.96	21.86	22.8	0	
1.4	16QAM	3	0	21.89	21.93	21.87			
1.4	16QAM	3	1	21.85	21.99	21.96			
1.4	16QAM	3	3	21.87	21.91	21.83	21.8	1	
1.4	16QAM	6	0	20.90	20.88	20.94			
1.4	64QAM	1	0	20.92	20.88	20.91			
1.4	64QAM	1	3	20.89	20.91	20.95	21.8	1	
1.4	64QAM	1	5	20.87	20.93	20.91			
1.4	64QAM	3	0	20.97	21.07	20.96			

Band 4_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	21.96	22.11	22.05	22.8	0	
20	QPSK	1	49	21.89	21.97	21.90			
20	QPSK	1	99	21.88	22.05	21.98			
20	QPSK	50	0	21.98	22.07	21.95	22.8	0	
20	QPSK	50	24	21.96	22.06	21.93			
20	QPSK	50	50	21.90	21.93	21.91			
20	QPSK	100	0	21.93	22.00	21.93	22.8	0	
20	16QAM	1	0	21.89	22.00	21.98			
20	16QAM	1	49	21.90	21.95	21.94			
20	16QAM	1	99	21.96	21.98	22.01	22.8	0	
20	16QAM	50	0	21.88	21.91	22.00			
20	16QAM	50	24	21.70	21.88	22.00			
20	16QAM	50	50	21.76	21.92	22.04	22.8	0	
20	16QAM	100	0	21.72	21.87	22.04			
20	64QAM	1	0	21.83	21.88	22.08			
20	64QAM	1	49	21.76	22.05	22.07	22.8	0	
20	64QAM	1	99	21.78	22.07	22.06			
20	64QAM	50	0	20.68	20.76	21.07			
20	64QAM	50	24	20.71	20.86	21.08	21.8	1	
20	64QAM	50	50	20.77	20.92	21.04			
20	64QAM	100	0	20.73	20.87	21.05			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	21.93	21.96	21.91	22.8	0	
15	QPSK	1	37	21.98	21.94	21.94			
15	QPSK	1	74	21.86	22.04	21.93			
15	QPSK	36	0	21.85	22.02	21.88	22.8	0	
15	QPSK	36	20	21.96	22.06	21.95			
15	QPSK	36	39	21.85	22.01	21.95			
15	QPSK	75	0	21.89	22.03	21.89	22.8	0	
15	16QAM	1	0	21.87	21.98	21.89			
15	16QAM	1	37	21.98	22.05	21.89			
15	16QAM	1	74	21.89	21.99	22.00	22.8	0	
15	16QAM	36	0	21.80	21.85	22.02			
15	16QAM	36	20	21.63	21.78	22.02			
15	16QAM	36	39	21.73	21.82	21.95	22.8	0	
15	16QAM	75	0	21.69	21.72	21.92			
15	64QAM	1	0	21.72	21.78	21.94			
15	64QAM	1	37	21.63	21.90	22.01	22.8	0	
15	64QAM	1	74	21.68	21.98	22.01			
15	64QAM	36	0	20.53	20.63	20.91			
15	64QAM	36	20	20.61	20.74	20.94	21.8	1	
15	64QAM	36	39	20.71	20.85	20.89			
15	64QAM	75	0	20.59	20.77	20.90			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	21.95	21.96	22.01	22.8	0	
10	QPSK	1	25	21.95	22.03	22.00			
10	QPSK	1	49	21.93	21.95	21.88			
10	QPSK	25	0	21.89	21.97	21.93	22.8	0	
10	QPSK	25	12	21.92	22.03	21.94			
10	QPSK	25	25	21.90	22.05	22.01			
10	QPSK	50	0	21.90	21.95	21.98	22.8	0	
10	16QAM	1	0	21.97	22.03	21.91			
10	16QAM	1	25	21.92	22.04	21.88			
10	16QAM	1	49	21.92	22.03	21.90	22.8	0	
10	16QAM	25	0	21.63	21.74	21.96			
10	16QAM	25	12	21.68	21.76	22.01			
10	16QAM	25	25	21.70	21.80	21.94	22.8	0	
10	16QAM	50	0	21.70	21.72	21.97			
10	64QAM	1	0	21.78	21.79	21.92			
10	64QAM	1	25	21.70	22.00	22.08	22.8	0	
10	64QAM	1	49	21.68	21.92	21.93			
10	64QAM	25	0	20.61	20.66	21.02			
10	64QAM	25	12	20.55	20.73	20.92	21.8	1	
10	64QAM	25	25	20.61	20.78	20.90			
10	64QAM	50	0	20.66	20.72	20.89			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	21.87	22.05	21.97	22.8	0	
5	QPSK	1	12	21.89	22.03	22.00			
5	QPSK	1	24	21.88	22.05	21.92			
5	QPSK	12	0	21.85	22.06	21.99	22.8	0	
5	QPSK	12	7	21.87	21.95	21.96			
5	QPSK	12	13	21.90	21.98	21.98			
5	QPSK	25	0	21.96	22.02	22.00	22.8	0	
5	16QAM	1	0	21.93	22.06	22.00			
5	16QAM	1	12	21.88	21.95	21.92			
5	16QAM	1	24	21.97	21.94	21.92	22.8	0	
5	16QAM	12	0	21.63	21.66	21.96			
5	16QAM	12	7	21.83	21.82	21.98			
5	16QAM	12	13	21.69	21.76	21.95	22.8	0	
5	16QAM	25	0	21.69	21.82	21.99			
5	64QAM	1	0	21.74	21.81	21.93			
5	64QAM	1	12	21.69	21.96	22.03	22.8	0	
5	64QAM	1	24	21.72	21.92	21.90			
5	64QAM	12	0	20.58	20.64	20.98			
5	64QAM	12	7	20.55	20.75	20.93	21.8	1	
5	64QAM	12	13	20.65	20.80	20.96			
5	64QAM	25	0	20.64	20.76	21.00			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	21.85	22.05	21.92	22.8	0	
3	QPSK	1	8	21.90	21.97	21.88			
3	QPSK	1	14	21.96	21.94	21.92			
3	QPSK	8	0	21.93	21.93	21.98	22.8	0	
3	QPSK	8	4	21.89	21.95	21.92			
3	QPSK	8	7	21.86	21.97	21.93			
3	QPSK	15	0	21.88	22.06	21.88	22.8	0	
3	16QAM	1	0	21.90	21.99	21.88			
3	16QAM	1	8	21.89	22.00	21.98			
3	16QAM	1	14	21.94	21.93	21.92	22.8	0	
3	16QAM	8	0	21.62	21.78	21.96			
3	16QAM	8	4	21.68	21.72	21.99			
3	16QAM	8	7	21.71	21.86	21.89	22.8	0	
3	16QAM	15	0	21.68	21.78	21.92			
3	64QAM	1	0	21.76	21.76	21.98			
3	64QAM	1	8	21.66	21.96	22.06	22.8	0	
3	64QAM	1	14	21.68	22.02	21.94			
3	64QAM	8	0	20.53	20.64	21.02			
3	64QAM	8	4	20.58	20.77	20.95	21.8	1	
3	64QAM	8	7	20.71	20.86	20.90			
3	64QAM	15	0	20.66	20.77	21.00			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	21.88	21.97	22.00	22.8	0	
1.4	QPSK	1	3	21.87	22.00	21.97			
1.4	QPSK	1	5	21.85	21.97	21.88			
1.4	QPSK	3	0	21.91	21.96	21.95	22.8	0	
1.4	QPSK	3	1	21.89	21.98	21.90			
1.4	QPSK	3	3	21.98	22.03	22.01			
1.4	QPSK	6	0	21.92	21.95	21.96	22.8	0	
1.4	16QAM	1	0	21.88	21.94	21.95			
1.4	16QAM	1	3	21.94	22.05	21.97			
1.4	16QAM	1	5	21.91	22.02	21.97	22.8	0	
1.4	16QAM	3	0	21.91	21.99	21.98			
1.4	16QAM	3	1	21.85	21.92	22.01			
1.4	16QAM	3	3	21.90	22.02	21.99	22.8	0	
1.4	16QAM	6	0	21.63	21.71	22.00			
1.4	64QAM	1	0	21.62	21.80	22.00			
1.4	64QAM	1	3	21.74	21.82	21.89	22.8	0	
1.4	64QAM	1	5	21.68	21.72	21.78			
1.4	64QAM	3	0	21.78	21.78	22.00			
1.4	64QAM	3	1	21.62	21.90	21.06	21.8	1	
1.4	64QAM	3	3	21.70	21.91	22.00			
1.4	64QAM	6	0	20.54	20.65	20.95			

Band 5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	24.8	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.80	23.88	23.84			
10	QPSK	1	25	23.74	23.79	23.76			
10	QPSK	1	49	23.74	23.81	23.74	23.8	1	
10	QPSK	25	0	22.76	22.85	22.82			
10	QPSK	25	12	22.77	22.78	22.79			
10	QPSK	25	25	22.76	22.78	22.78			
10	QPSK	50	0	22.75	22.76	22.77	23.8	1	
10	16QAM	1	0	22.84	23.00	23.03			
10	16QAM	1	25	22.99	23.03	22.96			
10	16QAM	1	49	22.97	23.04	22.96			
10	16QAM	25	0	21.79	21.81	21.85	22.8	2	
10	16QAM	25	12	21.83	21.82	21.82			
10	16QAM	25	25	21.84	21.79	21.78			
10	16QAM	50	0	21.80	21.81	21.83			
10	64QAM	1	0	21.82	21.96	22.01	22.8	2	
10	64QAM	1	25	21.97	21.98	21.97			
10	64QAM	1	49	22.02	21.94	21.95			
10	64QAM	25	0	20.79	20.80	20.84			
10	64QAM	25	12	20.81	20.81	20.82	21.8	3	
10	64QAM	25	25	20.83	20.78	20.77			
10	64QAM	50	0	20.79	20.78	20.81			
Channel				20425	20525	20625	24.8	0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.73	23.78	23.72			
5	QPSK	1	12	23.62	23.68	23.60			
5	QPSK	1	24	23.63	23.76	23.63	23.8	1	
5	QPSK	12	0	22.68	22.77	22.75			
5	QPSK	12	7	22.65	22.66	22.72			
5	QPSK	12	13	22.64	22.65	22.65			
5	QPSK	25	0	22.66	22.67	22.68	23.8	1	
5	16QAM	1	0	22.75	22.95	22.97			
5	16QAM	1	12	22.92	22.92	22.82			
5	16QAM	1	24	22.89	22.88	22.85			
5	16QAM	12	0	21.71	21.89	21.74	22.8	2	
5	16QAM	12	7	21.81	21.86	21.71			
5	16QAM	12	13	21.79	21.71	21.63			
5	16QAM	25	0	21.73	21.75	21.67			
5	64QAM	1	0	21.67	21.82	21.81	22.8	2	
5	64QAM	1	12	21.88	21.91	21.92			
5	64QAM	1	24	21.88	21.81	21.81			
5	64QAM	12	0	20.68	20.71	20.77			
5	64QAM	12	7	20.67	20.69	20.68	21.8	3	
5	64QAM	12	13	20.75	20.71	20.64			
5	64QAM	25	0	20.74	20.63	20.70			
Channel				20415	20525	20635	24.8	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.73	23.73	23.70			
3	QPSK	1	8	23.68	23.63	23.63			
3	QPSK	1	14	23.62	23.70	23.62	23.8	1	
3	QPSK	8	0	22.72	22.80	22.72			
3	QPSK	8	4	22.67	22.71	22.65			
3	QPSK	8	7	22.61	22.70	22.62			
3	QPSK	15	0	22.69	22.70	22.62	23.8	1	
3	16QAM	1	0	22.71	22.89	22.94			
3	16QAM	1	8	22.86	22.88	22.89			
3	16QAM	1	14	22.88	22.90	22.85			
3	16QAM	8	0	21.76	21.75	21.74	22.8	2	
3	16QAM	8	4	21.78	21.73	21.75			
3	16QAM	8	7	21.78	21.71	21.67			
3	16QAM	15	0	21.74	21.72	21.68			
3	64QAM	1	0	21.72	21.85	21.91	22.8	2	
3	64QAM	1	8	21.83	21.86	21.87			
3	64QAM	1	14	21.97	21.85	21.81			
3	64QAM	8	0	20.69	20.73	20.68			
3	64QAM	8	4	20.65	20.68	20.67	21.8	3	
3	64QAM	8	7	20.72	20.72	20.71			
3	64QAM	15	0	20.73	20.72	20.66			
Channel				20407	20525	20643	24.8	0	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.70	23.73	23.76			
1.4	QPSK	1	3	23.68	23.63	23.63			
1.4	QPSK	1	5	23.68	23.71	23.65	23.8	1	
1.4	QPSK	3	0	23.69	23.76	23.72			
1.4	QPSK	3	1	23.63	23.68	23.63			
1.4	QPSK	3	3	23.63	23.71	23.69			
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	1	
1.4	16QAM	1	0	22.64	22.65	22.71			
1.4	16QAM	1	3	22.63	22.66	22.73			
1.4	16QAM	1	5	22.60	22.70	22.70			
1.4	16QAM	3	0	22.79	22.85	22.91	22.8	2	
1.4	16QAM	3	1	22.84	22.90	22.84			
1.4	16QAM	3	3	22.86	22.92	22.85			
1.4	16QAM	6	0	21.71	21.70	21.77			
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	2	
1.4	64QAM	1	3	21.81	21.86	21.85			
1.4	64QAM	1	5	21.72	21.67	21.69			
1.4	64QAM	3	0	21.66	21.86	21.95			
1.4	64QAM	3	1	21.91	21.84	21.84	21.8	3	
1.4	64QAM	3	3	21.85	21.85	21.88			
1.4	64QAM	6	0	20.63	20.64	20.75			

Band 5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	24.8	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.83	23.85	23.81			
10	QPSK	1	25	23.77	23.71	23.76			
10	QPSK	1	49	23.78	23.76	23.76	23.8	1	
10	QPSK	25	0	22.76	22.78	22.75			
10	QPSK	25	12	22.72	22.75	22.73			
10	QPSK	25	25	22.75	22.73	22.74			
10	QPSK	50	0	22.74	22.75	22.74	23.8	1	
10	16QAM	1	0	22.84	23.03	23.01			
10	16QAM	1	25	22.94	22.90	22.95			
10	16QAM	1	49	22.97	22.93	22.93			
10	16QAM	25	0	21.71	21.70	21.71	22.8	2	
10	16QAM	25	12	21.73	21.69	21.72			
10	16QAM	25	25	21.74	21.68	21.68			
10	16QAM	50	0	21.74	21.71	21.69			
10	64QAM	1	0	21.75	21.94	21.87	22.8	2	
10	64QAM	1	25	21.87	21.88	21.85			
10	64QAM	1	49	21.89	21.88	21.92			
10	64QAM	25	0	20.70	20.68	20.70			
10	64QAM	25	12	20.73	20.67	20.73	21.8	3	
10	64QAM	25	25	20.74	20.68	20.67			
10	64QAM	50	0	20.73	20.69	20.69			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.8	0	
5	QPSK	1	0	23.77	23.81	23.74			
5	QPSK	1	12	23.70	23.65	23.61			
5	QPSK	1	24	23.76	23.67	23.65			
5	QPSK	12	0	22.58	22.58	22.58	23.8	1	
5	QPSK	12	7	22.67	22.66	22.69			
5	QPSK	12	13	22.74	22.68	22.64			
5	QPSK	25	0	22.73	22.71	22.71			
5	16QAM	1	0	22.80	22.97	22.99	23.8	1	
5	16QAM	1	12	22.88	22.88	22.81			
5	16QAM	1	24	22.91	22.90	22.79			
5	16QAM	12	0	21.69	21.58	21.67	22.8	2	
5	16QAM	12	7	21.71	21.63	21.66			
5	16QAM	12	13	21.61	21.59	21.67			
5	16QAM	25	0	21.66	21.61	21.61			
5	64QAM	1	0	21.61	21.92	21.79	22.8	2	
5	64QAM	1	12	21.82	21.73	21.76			
5	64QAM	1	24	21.86	21.86	21.85			
5	64QAM	12	0	20.69	20.54	20.66			
5	64QAM	12	7	20.59	20.64	20.58	21.8	3	
5	64QAM	12	13	20.64	20.55	20.61			
5	64QAM	25	0	20.69	20.64	20.63			
Channel				20415	20515	20615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	835.5	845.5	24.8	0	
3	QPSK	1	0	23.69	23.77	23.69			
3	QPSK	1	8	23.66	23.66	23.64			
3	QPSK	1	14	23.73	23.61	23.67			
3	QPSK	8	0	22.59	22.66	22.61	23.8	1	
3	QPSK	8	4	22.71	22.65	22.62			
3	QPSK	8	7	22.68	22.58	22.62			
3	QPSK	15	0	22.72	22.73	22.65			
3	16QAM	1	0	22.81	22.94	22.95	23.8	1	
3	16QAM	1	8	22.81	22.81	22.81			
3	16QAM	1	14	22.83	22.83	22.83			
3	16QAM	8	0	21.56	21.57	21.56			
3	16QAM	8	4	21.58	21.59	21.71	22.8	2	
3	16QAM	8	7	21.73	21.54	21.62			
3	16QAM	15	0	21.66	21.60	21.54			
3	16QAM	1	0	21.69	21.53	21.76			
3	64QAM	1	0	21.74	21.81	21.74	22.8	2	
3	64QAM	1	14	21.84	21.75	21.90			
3	64QAM	8	0	20.62	20.61	20.56			
3	64QAM	8	4	20.68	20.55	20.56			
3	64QAM	8	7	20.70	20.60	20.52	21.8	3	
3	64QAM	15	0	20.68	20.57	20.56			
Channel				20407	20505	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	835.6	846.3	24.8	0	
1.4	QPSK	1	0	23.73	23.83	23.66			
1.4	QPSK	1	3	23.71	23.62	23.65			
1.4	QPSK	1	5	23.76	23.73	23.67			
1.4	QPSK	3	0	23.77	23.62	23.75	23.8	1	
1.4	QPSK	3	1	23.74	23.73	23.74			
1.4	QPSK	3	3	23.70	23.65	23.61			
1.4	QPSK	6	0	23.71	23.67	22.58			
1.4	16QAM	1	0	22.64	22.69	22.69	23.8	1	
1.4	16QAM	1	3	22.69	22.69	22.69			
1.4	16QAM	1	5	22.70	22.72	22.72			
1.4	16QAM	3	0	22.83	22.85	22.96			
1.4	16QAM	3	1	22.82	22.95	22.91	22.8	2	
1.4	16QAM	3	3	22.86	22.90	22.88			
1.4	16QAM	6	0	21.56	21.68	21.61			
1.4	64QAM	1	0	21.70	21.66	21.65			
1.4	64QAM	1	3	21.61	21.57	21.65	22.8	2	
1.4	64QAM	1	5	21.68	21.69	21.70			
1.4	64QAM	3	0	21.58	21.60	21.67			
1.4	64QAM	3	1	21.67	21.57	21.65			
1.4	64QAM	3	3	21.67	21.69	21.62	21.8	3	
1.4	64QAM	6	0	20.62	20.66	20.57			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	2510	2535	2560
Frequency (MHz)				0	0	0			
20	QPSK	1	0	17.22	17.29	17.19	17.8	0	
20	QPSK	1	49	17.15	17.19	17.08			
20	QPSK	1	99	17.11	17.22	17.17			
20	QPSK	50	0	17.16	17.22	17.16	17.8	0	
20	QPSK	50	24	17.17	17.09	17.08			
20	QPSK	50	50	17.16	17.18	17.17			
20	QPSK	100	0	17.10	17.20	17.10	17.8	0	
20	16QAM	1	0	17.07	17.09	17.13			
20	16QAM	1	49	17.17	17.21	17.16			
20	16QAM	1	99	17.07	17.19	17.11	17.8	0	
20	16QAM	50	0	17.12	17.17	17.15			
20	16QAM	50	24	17.16	17.09	17.11			
20	16QAM	50	50	17.09	17.11	17.17	17.8	0	
20	16QAM	100	0	17.11	17.12	17.13			
20	64QAM	1	0	17.13	17.19	17.13			
20	64QAM	1	49	17.20	17.11	17.10	17.8	0	
20	64QAM	1	99	17.06	17.21	17.14			
20	64QAM	50	0	17.18	17.21	17.15			
20	64QAM	50	24	17.07	17.19	17.12	17.8	0	
20	64QAM	50	50	17.14	17.12	17.13			
20	64QAM	100	0	17.13	17.21	17.16			
Channel				20825	21100	21375	2507.5	2535	2562.5
Frequency (MHz)				0	0	0			
15	QPSK	1	0	17.10	17.20	17.04	17.8	0	
15	QPSK	1	37	17.16	17.14	17.03			
15	QPSK	1	74	17.20	17.18	17.14			
15	QPSK	36	0	17.07	17.14	17.16	17.8	0	
15	QPSK	36	20	17.10	17.20	17.11			
15	QPSK	36	39	17.07	17.12	17.07			
15	QPSK	75	0	17.13	17.12	17.12	17.8	0	
15	16QAM	1	0	17.12	17.11	17.15			
15	16QAM	1	37	17.19	17.17	17.11			
15	16QAM	1	74	17.12	17.10	17.14	17.8	0	
15	16QAM	36	0	17.19	17.19	17.12			
15	16QAM	36	20	17.13	17.09	17.08			
15	16QAM	36	39	17.11	17.13	17.11	17.8	0	
15	16QAM	75	0	17.19	17.15	17.14			
15	64QAM	1	0	17.10	17.16	17.08			
15	64QAM	1	37	17.09	17.19	17.04	17.8	0	
15	64QAM	1	74	17.13	17.21	17.17			
15	64QAM	36	0	17.19	17.19	17.12			
15	64QAM	36	20	17.13	17.18	17.14	17.8	0	
15	64QAM	36	39	17.12	17.22	17.05			
15	64QAM	75	0	17.19	17.20	17.16			
Channel				20800	21100	21400	2505	2535	2565
Frequency (MHz)				0	0	0			
10	QPSK	1	0	17.08	17.20	17.04	17.8	0	
10	QPSK	1	25	17.17	17.12	17.13			
10	QPSK	1	49	17.09	17.19	17.08			
10	QPSK	25	0	17.13	17.13	17.07	17.8	0	
10	QPSK	25	12	17.07	17.16	17.17			
10	QPSK	25	25	17.11	17.22	17.10			
10	QPSK	50	0	17.11	17.21	17.04	17.8	0	
10	16QAM	1	0	17.16	17.22	17.06			
10	16QAM	1	25	17.14	17.13	17.14			
10	16QAM	1	49	17.10	17.09	17.12	17.8	0	
10	16QAM	25	0	17.12	17.20	17.13			
10	16QAM	25	12	17.16	17.15	17.12			
10	16QAM	25	25	17.17	17.13	17.08	17.8	0	
10	16QAM	50	0	17.12	17.12	17.12			
10	64QAM	1	0	17.09	17.15	17.05			
10	64QAM	1	25	17.20	17.22	17.10	17.8	0	
10	64QAM	1	49	17.07	17.18	17.11			
10	64QAM	25	0	17.16	17.14	17.16			
10	64QAM	25	12	17.07	17.09	17.14	17.8	0	
10	64QAM	25	25	17.12	17.12	17.13			
10	64QAM	50	0	17.10	17.19	17.10			
Channel				20775	21100	21425	2502.5	2535	2567.5
Frequency (MHz)				0	0	0			
5	QPSK	1	0	17.12	17.21	17.11	17.8	0	
5	QPSK	1	12	17.09	17.15	17.09			
5	QPSK	1	24	17.14	17.20	17.14			
5	QPSK	12	0	17.14	17.20	17.13	17.8	0	
5	QPSK	12	7	17.17	17.17	17.11			
5	QPSK	12	13	17.17	17.11	17.05			
5	QPSK	25	0	17.09	17.21	17.07	17.8	0	
5	16QAM	1	0	17.16	17.18	17.11			
5	16QAM	1	12	17.12	17.22	17.14			
5	16QAM	1	24	17.19	17.16	17.15	17.8	0	
5	16QAM	12	0	17.11	17.10	17.11			
5	16QAM	12	7	17.07	17.10	17.12			
5	16QAM	12	13	17.07	17.17	17.05	17.8	0	
5	16QAM	25	0	17.17	17.12	17.06			
5	64QAM	1	0	17.10	17.16	17.05			
5	64QAM	1	12	17.17	17.12	17.16	17.8	0	
5	64QAM	1	24	17.09	17.11	17.08			
5	64QAM	12	0	17.16	17.09	17.17			
5	64QAM	12	7	17.16	17.19	17.11	17.8	0	
5	64QAM	12	13	17.08	17.15	17.09			
5	64QAM	25	0	17.17	17.16	17.17			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	2510	2535	2560
Frequency (MHz)				0	0	0			
20	QPSK	1	0	20.47	20.48	20.44	21.6	0	
20	QPSK	1	49	20.41	20.34	20.38			
20	QPSK	1	99	20.34	20.27	20.38			
20	QPSK	50	0	20.45	20.47	20.41	21.6	0	
20	QPSK	50	24	20.40	20.28	20.38			
20	QPSK	50	50	20.38	20.30	20.40			
20	QPSK	100	0	20.40	20.41	20.40	21.6	0	
20	16QAM	1	0	20.10	19.95	20.06			
20	16QAM	1	49	20.09	19.90	20.14			
20	16QAM	1	99	20.10	19.97	20.11	21.6	0	
20	16QAM	50	0	20.11	19.95	20.03			
20	16QAM	50	24	20.01	19.94	20.13			
20	16QAM	50	50	20.05	20.01	20.12	21.6	0	
20	16QAM	100	0	20.10	19.90	20.05			
20	64QAM	1	0	20.12	19.96	20.07			
20	64QAM	1	49	20.00	19.94	20.11	21.6	0	
20	64QAM	1	99	20.10	19.94	20.08			
20	64QAM	50	0	20.20	20.14	20.24			
20	64QAM	50	24	20.26	20.16	20.27	21.1	0.5	
20	64QAM	50	50	20.23	20.20	20.22			
20	64QAM	100	0	20.20	20.19	20.28			
Channel				20825	21100	21375	2507.5	2535	2562.5
Frequency (MHz)				0	0	0			
15	QPSK	1	0	20.02	19.97	20.05	21.6	0	
15	QPSK	1	37	20.13	20.03	20.09			
15	QPSK	1	74	20.00	19.90	20.08			
15	QPSK	36	0	20.13	20.03	20.11	21.6	0	
15	QPSK	36	20	20.13	19.97	20.05			
15	QPSK	36	39	20.00	20.01	20.11			

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	24.8	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	24.04	24.06	24.02			
10	QPSK	1	25	23.91	23.97	23.89	23.8	1	
10	QPSK	1	49	24.03	23.96	23.95			
10	QPSK	25	0	22.97	22.99	22.95			
10	QPSK	25	12	22.96	22.95	22.93	23.8	1	
10	QPSK	25	25	22.95	22.96	22.93			
10	QPSK	50	0	22.96	22.97	22.94			
10	16QAM	1	0	23.17	23.13	23.22	23.8	1	
10	16QAM	1	25	23.12	23.22	23.16			
10	16QAM	1	49	23.32	23.24	23.18			
10	16QAM	25	0	21.88	21.92	21.89	22.8	2	
10	16QAM	25	12	21.96	21.95	21.91			
10	16QAM	25	25	21.98	21.94	21.93			
10	16QAM	50	0	21.92	21.95	21.94	22.8	2	
10	64QAM	1	0	21.99	22.04	22.09			
10	64QAM	1	25	22.05	22.07	22.07			
10	64QAM	1	49	22.13	22.16	22.12	21.8	3	
10	64QAM	25	0	20.87	20.91	20.90			
10	64QAM	25	12	20.94	20.93	20.89			
10	64QAM	25	25	20.96	20.92	20.91	21.8	3	
10	64QAM	50	0	20.93	20.93	20.93			
Channel				23035	23095	23155	24.8	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.95	23.93	23.88			
5	QPSK	1	12	23.80	23.89	23.87	23.8	1	
5	QPSK	1	24	23.90	23.84	23.94			
5	QPSK	12	0	22.94	22.92	22.81			
5	QPSK	12	7	22.94	22.85	22.90	23.8	1	
5	QPSK	12	13	22.88	22.94	22.84			
5	QPSK	25	0	22.90	22.90	22.87			
5	16QAM	1	0	23.02	23.12	23.20	23.8	1	
5	16QAM	1	12	22.98	23.16	23.12			
5	16QAM	1	24	23.29	23.20	23.06			
5	16QAM	12	0	21.78	21.82	21.86	22.8	2	
5	16QAM	12	7	21.94	21.93	21.86			
5	16QAM	12	13	21.90	21.91	21.91			
5	16QAM	25	0	21.91	21.81	21.87	22.8	2	
5	64QAM	1	0	21.97	21.91	22.06			
5	64QAM	1	12	21.93	22.03	22.01			
5	64QAM	1	24	22.01	22.09	22.07	21.8	3	
5	64QAM	12	0	20.72	20.77	20.85			
5	64QAM	12	7	20.85	20.82	20.78			
5	64QAM	12	13	20.94	20.84	20.89	21.8	3	
5	64QAM	25	0	20.88	20.79	20.86			
Channel				23025	23095	23165	24.8	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.95	24.02	23.93			
3	QPSK	1	8	23.86	23.90	23.74	23.8	1	
3	QPSK	1	14	23.92	23.94	23.85			
3	QPSK	8	0	22.95	22.86	22.91			
3	QPSK	8	4	22.83	22.91	22.87	23.8	1	
3	QPSK	8	7	22.81	22.84	22.91			
3	QPSK	15	0	22.87	22.91	22.89			
3	16QAM	1	0	23.04	23.12	23.09	23.8	1	
3	16QAM	1	8	23.11	23.15	23.11			
3	16QAM	1	14	23.26	23.15	23.13			
3	16QAM	8	0	21.77	21.85	21.86	22.8	2	
3	16QAM	8	4	21.85	21.87	21.90			
3	16QAM	8	7	21.91	21.93	21.83			
3	16QAM	15	0	21.78	21.90	21.88	22.8	2	
3	64QAM	1	0	21.93	21.97	22.02			
3	64QAM	1	8	21.90	21.93	21.94			
3	64QAM	1	14	21.98	22.03	22.10	21.8	3	
3	64QAM	8	0	20.86	20.86	20.79			
3	64QAM	8	4	20.79	20.92	20.82			
3	64QAM	8	7	20.89	20.79	20.90	21.8	3	
3	64QAM	15	0	20.92	20.92	20.82			
Channel				23017	23095	23173	24.8	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.95	23.97	23.97			
1.4	QPSK	1	3	23.84	23.96	23.75	23.8	1	
1.4	QPSK	1	5	23.88	23.93	23.89			
1.4	QPSK	3	0	24.00	24.01	23.97			
1.4	QPSK	3	1	23.81	23.85	23.81	23.8	1	
1.4	QPSK	3	3	24.00	23.85	23.84			
1.4	QPSK	6	0	22.86	22.97	22.91			
1.4	16QAM	1	0	22.93	22.88	22.85	23.8	1	
1.4	16QAM	1	3	22.89	22.91	22.86			
1.4	16QAM	1	5	22.89	22.95	22.83			
1.4	16QAM	3	0	23.06	23.08	23.19	22.8	2	
1.4	16QAM	3	1	23.01	23.10	23.04			
1.4	16QAM	3	3	23.30	23.20	23.04			
1.4	16QAM	6	0	21.79	21.77	21.88	22.8	2	
1.4	64QAM	1	0	21.79	21.84	21.85			
1.4	64QAM	1	3	21.82	21.84	21.84			
1.4	64QAM	1	5	21.83	21.77	21.80	21.8	3	
1.4	64QAM	3	0	21.78	21.77	21.87			
1.4	64QAM	3	1	21.75	21.88	21.86			
1.4	64QAM	3	3	21.75	21.86	21.74	21.8	3	
1.4	64QAM	6	0	20.82	20.81	20.80			

Band 13_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				23230			24.8	0				
Frequency (MHz)				782								
10	QPSK	1	0	23.98								
10	QPSK	1	25	23.94			23.8	1				
10	QPSK	1	49	23.90								
10	QPSK	25	0	22.97								
10	QPSK	25	12	22.89			23.8	1				
10	QPSK	25	25	22.92								
10	QPSK	50	0	22.90								
10	16QAM	1	0	23.10			23.8	1				
10	16QAM	1	25	23.15								
10	16QAM	1	49	23.13								
10	16QAM	25	0	21.93			22.8	2				
10	16QAM	25	12	21.91								
10	16QAM	25	25	21.96								
10	16QAM	50	0	21.94			22.8	2				
10	64QAM	1	0	22.07								
10	64QAM	1	25	22.07								
10	64QAM	1	49	22.12			21.8	3				
10	64QAM	25	0	20.91								
10	64QAM	25	12	20.90								
10	64QAM	25	25	20.94			21.8	3				
10	64QAM	50	0	20.93								
Channel				23205	23230	23255	24.8	0				
Frequency (MHz)				779.5	782	784.5						
5	QPSK	1	0	23.83	23.89	23.89				23.8	1	
5	QPSK	1	12	23.86	23.84	23.89	23.8	1				
5	QPSK	1	24	23.80	23.74	23.85						
5	QPSK	12	0	22.88	22.83	22.83				23.8	1	
5	QPSK	12	7	22.77	22.77	22.76						
5	QPSK	12	13	22.87	22.79	22.83						
5	QPSK	25	0	22.81	22.80	22.82	23.8	1				
5	16QAM	1	0	22.96	23.01	23.01						
5	16QAM	1	12	23.08	23.03	23.04						
5	16QAM	1	24	23.05	23.07	23.08	22.8	2				
5	16QAM	12	0	21.90	21.77	21.94						
5	16QAM	12	7	21.83	21.79	21.82						
5	16QAM	12	13	21.92	21.81	21.87	22.8	2				
5	16QAM	25	0	21.89	21.85	21.88						
5	64QAM	1	0	22.02	22.00	22.00						
5	64QAM	1	12	22.02	21.98	21.96	22.8	2				
5	64QAM	1	24	22.02	21.99	21.97						
5	64QAM	12	0	20.90	20.84	20.76						
5	64QAM	12	7	20.85	20.74	20.81	21.8	3				
5	64QAM	12	13	20.78	20.84	20.79						
5	64QAM	25	0	20.88	20.84	20.79						

Band 17_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	24.8	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.83	23.85	23.82			
10	QPSK	1	25	23.68	23.78	23.76	23.8	1	
10	QPSK	1	49	23.82	23.81	23.81			
10	QPSK	25	0	22.83	22.85	22.82			
10	QPSK	25	12	22.75	22.76	22.77	23.8	1	
10	QPSK	25	25	22.80	22.81	22.81			
10	QPSK	50	0	22.79	22.82	22.76			
10	16QAM	1	0	22.93	23.01	22.94	23.8	1	
10	16QAM	1	25	23.06	23.03	23.01			
10	16QAM	1	49	23.07	23.02	22.99			
10	16QAM	25	0	21.73	21.73	21.71	22.8	2	
10	16QAM	25	12	21.72	21.74	21.73			
10	16QAM	25	25	21.79	21.79	21.78			
10	16QAM	50	0	21.79	21.77	21.74	22.8	2	
10	64QAM	1	0	21.84	21.93	21.83			
10	64QAM	1	25	21.96	21.96	21.93			
10	64QAM	1	49	21.98	21.97	21.93	21.8	3	
10	64QAM	25	0	20.72	20.70	20.69			
10	64QAM	25	12	20.71	20.74	20.73			
10	64QAM	25	25	20.77	20.80	20.75	21.8	3	
10	64QAM	50	0	20.75	20.75	20.72			
Channel				23755	23790	23825	24.8	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.72	23.76	23.72			
5	QPSK	1	12	23.59	23.64	23.63	23.8	1	
5	QPSK	1	24	23.76	23.72	23.70			
5	QPSK	12	0	22.69	22.71	22.71			
5	QPSK	12	7	22.65	22.64	22.65	23.8	1	
5	QPSK	12	13	22.65	22.76	22.74			
5	QPSK	25	0	22.63	22.74	22.69			
5	16QAM	1	0	22.82	22.87	22.85	23.8	1	
5	16QAM	1	12	22.97	22.98	22.91			
5	16QAM	1	24	22.93	22.88	22.83			
5	16QAM	12	0	21.70	21.57	21.55	22.8	2	
5	16QAM	12	7	21.65	21.66	21.68			
5	16QAM	12	13	21.71	21.74	21.68			
5	16QAM	25	0	21.75	21.63	21.58	22.8	2	
5	64QAM	1	0	21.74	21.84	21.78			
5	64QAM	1	12	21.89	21.81	21.87			
5	64QAM	1	24	21.87	21.86	21.85	21.8	3	
5	64QAM	12	0	20.57	20.59	20.54			
5	64QAM	12	7	20.55	20.67	20.64			
5	64QAM	12	13	20.70	20.66	20.63	21.8	3	
5	64QAM	25	0	20.63	20.67	20.63			

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	24.8	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.97	23.98	23.95			
10	QPSK	1	25	23.75	23.81	23.72	23.8	1	
10	QPSK	1	49	23.91	23.86	23.85			
10	QPSK	25	0	22.83	22.97	22.83			
10	QPSK	25	12	22.85	22.82	22.81	23.8	1	
10	QPSK	25	25	22.87	22.83	22.81			
10	QPSK	50	0	22.86	22.93	22.80			
10	16QAM	1	0	23.03	23.18	23.14	23.8	1	
10	16QAM	1	25	23.09	23.10	23.08			
10	16QAM	1	49	23.07	23.10	23.08			
10	16QAM	25	0	21.84	21.81	21.80	22.8	2	
10	16QAM	25	12	21.82	21.80	21.79			
10	16QAM	25	25	21.83	21.81	21.78			
10	16QAM	50	0	21.86	21.81	21.78	22.8	2	
10	64QAM	1	0	21.96	21.99	21.92			
10	64QAM	1	25	22.00	21.92	22.06			
10	64QAM	1	49	22.05	22.02	22.02	21.8	3	
10	64QAM	25	0	20.82	20.80	20.79			
10	64QAM	25	12	20.83	20.80	20.79			
10	64QAM	25	25	20.83	20.79	20.77	21.8	3	
10	64QAM	50	0	20.82	20.80	20.78			
Channel				23755	23790	23825	24.8	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.82	23.89	23.86			
5	QPSK	1	12	23.71	23.67	23.71	23.8	1	
5	QPSK	1	24	23.81	23.78	23.76			
5	QPSK	12	0	22.83	22.84	22.81			
5	QPSK	12	7	22.71	22.69	22.73	23.8	1	
5	QPSK	12	13	22.72	22.68	22.70			
5	QPSK	25	0	22.71	22.81	22.65			
5	16QAM	1	0	23.02	23.08	23.05	23.8	1	
5	16QAM	1	12	23.06	22.99	22.97			
5	16QAM	1	24	23.04	23.00	23.05			
5	16QAM	12	0	21.72	21.68	21.69	22.8	2	
5	16QAM	12	7	21.79	21.70	21.70			
5	16QAM	12	13	21.68	21.79	21.71			
5	16QAM	25	0	21.85	21.66	21.69	22.8	2	
5	64QAM	1	0	21.95	21.91	21.97			
5	64QAM	1	12	21.87	21.87	21.95			
5	64QAM	1	24	22.01	22.00	21.99	21.8	3	
5	64QAM	12	0	20.79	20.71	20.76			
5	64QAM	12	7	20.74	20.77	20.76			
5	64QAM	12	13	20.69	20.64	20.67	21.8	3	
5	64QAM	25	0	20.68	20.65	20.76			

Band 26_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	24.8	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.00	24.03	23.98			
15	QPSK	1	37	23.98	23.95	23.95	23.8	1	
15	QPSK	1	74	23.94	23.98	23.90			
15	QPSK	36	0	22.95	22.95	22.90			
15	QPSK	36	20	22.85	22.82	22.85	23.8	1	
15	QPSK	36	39	22.90	22.85	22.86			
15	QPSK	75	0	22.92	22.93	22.90			
15	16QAM	1	0	23.17	23.18	23.15	23.8	1	
15	16QAM	1	37	23.19	23.19	23.17			
15	16QAM	1	74	23.21	23.11	23.13			
15	16QAM	36	0	21.93	21.95	21.91	22.8	2	
15	16QAM	36	20	21.93	21.92	21.92			
15	16QAM	36	39	21.95	21.90	21.89			
15	16QAM	75	0	21.95	21.95	21.94	22.8	2	
15	64QAM	1	0	22.06	22.09	22.06			
15	64QAM	1	37	22.02	22.06	22.06			
15	64QAM	1	74	22.11	22.01	22.03	21.8	3	
15	64QAM	36	0	20.95	20.96	20.93			
15	64QAM	36	20	20.94	20.92	20.94			
15	64QAM	36	39	20.96	20.91	20.89	21.8	3	
15	64QAM	75	0	20.93	20.93	20.93			
Channel				26740	26865	26990	24.8	0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.94	23.98	23.82			
10	QPSK	1	25	23.93	23.82	23.87	23.8	1	
10	QPSK	1	49	23.88	23.75	23.83			
10	QPSK	25	0	22.85	22.81	22.85			
10	QPSK	25	12	22.70	22.75	22.78	23.8	1	
10	QPSK	25	25	22.79	22.74	22.80			
10	QPSK	50	0	22.87	22.83	22.77			
10	16QAM	1	0	23.09	23.08	23.08	23.8	1	
10	16QAM	1	25	23.12	23.06	23.01			
10	16QAM	1	49	23.11	22.99	23.05			
10	16QAM	25	0	21.88	21.81	21.81	22.8	2	
10	16QAM	25	12	21.86	21.87	21.80			
10	16QAM	25	25	21.93	21.79	21.80			
10	16QAM	50	0	21.92	21.89	21.87	22.8	2	
10	64QAM	1	0	21.97	21.99	21.95			
10	64QAM	1	25	21.91	21.84	21.95			
10	64QAM	1	49	21.95	21.94	21.95	21.8	3	
10	64QAM	25	0	20.80	20.89	20.81			
10	64QAM	25	12	20.80	20.77	20.82			
10	64QAM	25	25	20.86	20.79	20.76	21.8	3	
10	64QAM	50	0	20.81	20.87	20.86			
Channel				26715	26865	27015	24.8	0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.92	23.87	23.89			
5	QPSK	1	12	23.90	23.89	23.82	23.8	1	
5	QPSK	1	24	23.85	23.81	23.82			
5	QPSK	12	0	22.78	22.81	22.82			
5	QPSK	12	7	22.70	22.86	22.70	23.8	1	
5	QPSK	12	13	22.83	22.80	22.78			
5	QPSK	25	0	22.86	22.77	22.85			
5	16QAM	1	0	23.12	23.11	23.00	23.8	1	
5	16QAM	1	12	23.03	23.11	23.05			
5	16QAM	1	24	23.06	22.97	23.01			
5	16QAM	12	0	21.85	21.83	21.76	22.8	2	
5	16QAM	12	7	21.91	21.87	21.81			
5	16QAM	12	13	21.90	21.83	21.79			
5	16QAM	25	0	21.83	21.84	21.84	22.8	2	
5	64QAM	1	0	21.99	21.98	21.91			
5	64QAM	1	12	21.96	21.98	21.93			
5	64QAM	1	24	21.95	21.94	21.96	21.8	3	
5	64QAM	12	0	20.89	20.80	20.80			
5	64QAM	12	7	20.84	20.76	20.82			
5	64QAM	12	13	20.82	20.82	20.84	21.8	3	
5	64QAM	25	0	20.79	20.80	20.77			
Channel				26705	26865	27025	24.8	0	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.84	23.88	23.84			
3	QPSK	1	8	23.92	23.82	23.81	23.8	0	
3	QPSK	1	14	23.89	23.72	23.83			
3	QPSK	8	0	22.80	22.86	22.77			
3	QPSK	8	4	22.71	22.66	22.75	23.8	1	
3	QPSK	8	7	22.82	22.75	22.86			
3	QPSK	15	0	22.80	22.78	22.74			
3	16QAM	1	0	23.07	23.07	23.04	23.8	1	
3	16QAM	1	8	23.11	23.04	23.06			
3	16QAM	1	14	23.05	22.96	23.06			
3	16QAM	8	0	21.87	21.85	21.83	22.8	2	
3	16QAM	8	4	21.93	21.83	21.85			
3	16QAM	8	8	21.90	21.77	21.77			
3	16QAM	15	0	21.99	21.81	21.88	22.8	2	
3	64QAM	1	0	21.92	21.99	22.00			
3	64QAM	1	8	21.86	21.94	21.98			
3	64QAM	1	14	22.02	21.89	21.98	21.8	3	
3	64QAM	8	0	20.90	20.87	20.78			
3	64QAM	8	4	20.87	20.85	20.83			
3	64QAM	8	8	20.87	20.82	20.82	21.8	3	
3	64QAM	15	0	20.79	20.82	20.82			
Channel				26697	26865	27033	24.8	0	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.86	23.98	23.83			
1.4	QPSK	1	3	23.90	23.88	23.87	24.8	0	
1.4	QPSK	1	5	23.82	23.77	23.85			
1.4	QPSK	3	0	23.85	23.87	23.89			
1.4	QPSK	3	3	23.81	23.80	23.85	23.8	1	
1.4	QPSK	3	3	23.83	23.83	23.83			
1.4	QPSK	6	0	22.77	22.89	22.75			
1.4	16QAM	1	0	23.73	22.68	22.72	23.8	1	
1.4	16QAM	1	3	22.77	22.77	22.70			
1.4	16QAM	1	5	22.87	22.87	22.84			
1.4	16QAM	3	0	23.11	23.10	23.10	22.8	2	
1.4	16QAM	3	3	23.09	23.05	23.05			
1.4	16QAM	3	3	23.16	23.04	23.04			
1.4	16QAM	6	0	21.85	21.85	21.82	22.8	2	
1.4	64QAM	1	0	21.91	21.78	21.81			
1.4	64QAM	1	3	21.93	21.75	21.75			
1.4	64QAM	1	5	21.88	21.88	21.87	22.8	2	
1.4	64QAM	3	0	21.91	21.84	21.98			
1.4	64QAM	3	1	21.88	21.98	21.95			
1.4	64QAM	3	3	21.99	21.93	21.97	21.8	3	
1.4	64QAM	6	0	20.89	20.80	20.81			

Band 26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.93	23.95	23.92	24.8	0	
15	QPSK	1	37	23.90	23.86	23.87			
15	QPSK	1	74	23.84	23.82	23.76			
15	QPSK	36	0	22.81	22.76	22.72	23.8	1	
15	QPSK	36	39	22.80	22.76	22.73			
15	QPSK	75	0	22.80	22.85	22.74			
15	16QAM	1	0	23.07	23.08	23.08	23.8	1	
15	16QAM	1	37	23.04	23.11	23.04			
15	16QAM	1	74	23.06	22.97	22.98			
15	16QAM	36	0	21.83	21.80	21.78	22.8	2	
15	16QAM	36	20	21.83	21.78	21.76			
15	16QAM	36	39	21.79	21.79	21.76			
15	16QAM	75	0	21.83	21.80	21.79	22.8	2	
15	64QAM	1	0	22.00	21.91	21.97			
15	64QAM	1	37	21.96	22.00	21.95			
15	64QAM	1	74	21.96	21.89	21.93	21.8	3	
15	64QAM	36	0	20.83	20.81	20.80			
15	64QAM	36	20	20.82	20.79	20.79			
15	64QAM	36	39	20.81	20.81	20.78	21.8	3	
15	64QAM	75	0	20.82	20.79	20.76			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.84	23.84	23.78	24.8	0	
10	QPSK	1	25	23.76	23.79	23.86			
10	QPSK	1	49	23.81	23.73	23.62			
10	QPSK	25	0	22.79	22.78	22.71	23.8	1	
10	QPSK	25	12	22.78	22.65	22.66			
10	QPSK	25	25	22.68	22.71	22.68			
10	QPSK	50	0	22.66	22.70	22.62	23.8	1	
10	16QAM	1	0	22.97	22.97	22.99			
10	16QAM	1	25	22.98	23.04	23.01			
10	16QAM	1	49	23.03	22.95	22.92	22.8	2	
10	16QAM	25	0	21.70	21.77	21.77			
10	16QAM	25	12	21.72	21.63	21.64			
10	16QAM	25	25	21.71	21.73	21.65	22.8	2	
10	16QAM	50	0	21.75	21.76	21.66			
10	64QAM	1	0	21.89	21.79	21.82			
10	64QAM	1	25	21.88	21.95	21.80	22.8	2	
10	64QAM	1	49	21.86	21.76	21.88			
10	64QAM	25	0	20.71	20.76	20.74			
10	64QAM	25	12	20.78	20.64	20.75	21.8	3	
10	64QAM	25	25	20.76	20.80	20.72			
10	64QAM	50	0	20.68	20.70	20.65			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.82	23.83	23.90	24.8	0	
5	QPSK	1	12	23.80	23.80	23.75			
5	QPSK	1	24	23.80	23.80	23.73			
5	QPSK	12	0	22.71	22.80	22.77	23.8	1	
5	QPSK	12	7	22.74	22.65	22.57			
5	QPSK	12	13	22.79	22.64	22.58			
5	QPSK	25	0	22.74	22.79	22.66	23.8	1	
5	16QAM	1	0	23.04	23.05	23.00			
5	16QAM	1	12	22.92	23.06	23.01			
5	16QAM	1	24	22.97	22.90	22.96	22.8	2	
5	16QAM	12	0	21.81	21.68	21.77			
5	16QAM	12	7	21.72	21.69	21.72			
5	16QAM	12	13	21.69	21.77	21.75	22.8	2	
5	16QAM	25	0	21.71	21.72	21.70			
5	64QAM	1	0	21.99	21.89	21.82			
5	64QAM	1	12	21.95	21.89	21.93	22.8	2	
5	64QAM	1	24	21.91	21.84	21.85			
5	64QAM	12	0	20.73	20.72	20.75			
5	64QAM	12	7	20.78	20.74	20.67	21.8	3	
5	64QAM	12	13	20.71	20.78	20.69			
5	64QAM	25	0	20.76	20.67	20.66			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.84	23.84	23.89	24.8	0	
3	QPSK	1	8	23.81	23.74	23.81			
3	QPSK	1	14	23.82	23.67	23.69			
3	QPSK	8	0	22.62	22.81	22.80	23.8	1	
3	QPSK	8	4	22.74	22.75	22.71			
3	QPSK	8	7	22.67	22.75	22.71			
3	QPSK	15	0	22.73	22.82	22.71	23.8	1	
3	16QAM	1	0	23.06	23.03	22.98			
3	16QAM	1	8	22.94	23.08	22.94			
3	16QAM	1	14	22.98	22.89	22.89	23.8	1	
3	16QAM	8	0	21.69	21.73	21.77			
3	16QAM	8	4	21.68	21.63	21.64			
3	16QAM	8	7	21.70	21.71	21.69	22.8	2	
3	16QAM	15	0	21.73	21.70	21.71			
3	64QAM	1	0	21.91	21.81	21.89			
3	64QAM	1	8	21.82	21.96	21.92	22.8	2	
3	64QAM	1	14	21.91	21.88	21.82			
3	64QAM	8	0	20.70	20.70	20.67			
3	64QAM	8	4	20.79	20.75	20.70	21.8	3	
3	64QAM	8	7	20.78	20.68	20.76			
3	64QAM	15	0	20.69	20.66	20.70			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.89	23.93	23.78	24.8	0	
1.4	QPSK	1	3	23.82	23.78	23.74			
1.4	QPSK	1	5	23.82	23.67	23.63			
1.4	QPSK	3	0	23.87	23.92	23.87	23.8	1	
1.4	QPSK	3	1	23.85	23.74	23.86			
1.4	QPSK	3	3	23.80	23.69	23.66			
1.4	QPSK	6	0	22.83	22.79	22.78	23.8	1	
1.4	16QAM	1	0	22.71	22.62	22.59			
1.4	16QAM	1	3	22.74	22.67	22.62			
1.4	16QAM	1	5	22.79	22.77	22.60	23.8	1	
1.4	16QAM	3	0	22.94	22.94	22.95			
1.4	16QAM	3	1	23.00	23.01	22.99			
1.4	16QAM	3	3	23.02	22.87	22.94	22.8	2	
1.4	16QAM	6	0	21.78	21.69	21.72			
1.4	64QAM	1	0	21.82	21.71	21.71			
1.4	64QAM	1	3	21.74	21.77	21.62	22.8	2	
1.4	64QAM	1	5	21.77	21.72	21.77			
1.4	64QAM	3	0	21.92	21.84	21.86			
1.4	64QAM	3	1	21.87	21.96	21.87	21.8	3	
1.4	64QAM	3	3	21.88	21.87	21.90			
1.4	64QAM	6	0	20.72	20.71	20.75			

Band 66_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	21.92	22.16	21.93	22.8	0	
20	QPSK	1	49	21.87	22.10	21.71			
20	QPSK	1	99	21.83	22.03	21.83			
20	QPSK	50	0	21.85	22.14	21.85	22.8	0	
20	QPSK	50	24	21.86	22.06	21.86			
20	QPSK	50	50	21.84	22.09	21.79			
20	QPSK	100	0	21.82	22.05	21.78	22.8	0	
20	16QAM	1	0	21.58	21.79	21.43			
20	16QAM	1	49	21.49	21.74	21.47			
20	16QAM	1	99	21.57	21.77	21.47	22.8	0	
20	16QAM	50	0	21.48	21.82	21.41			
20	16QAM	50	24	21.48	21.78	21.45			
20	16QAM	50	50	21.59	21.86	21.45	22.8	0	
20	16QAM	100	0	21.54	21.73	21.48			
20	64QAM	1	0	21.46	21.77	21.48			
20	64QAM	1	49	21.46	21.85	21.45	22.8	0	
20	64QAM	1	99	21.49	21.77	21.43			
20	64QAM	50	0	20.66	21.06	21.00			
20	64QAM	50	24	20.68	21.05	20.90	21.8	1	
20	64QAM	50	50	20.76	21.03	20.75			
20	64QAM	100	0	20.71	21.03	20.87			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	21.49	21.84	21.45	22.8	0	
15	QPSK	1	37	21.59	21.76	21.45			
15	QPSK	1	74	21.47	21.79	21.53			
15	QPSK	36	0	21.49	21.74	21.47	22.8	0	
15	QPSK	36	20	21.53	21.86	21.46			
15	QPSK	36	39	21.50	21.85	21.45			
15	QPSK	75	0	21.50	21.76	21.52	22.8	0	
15	16QAM	1	0	21.49	21.83	21.42			
15	16QAM	1	37	21.55	21.77	21.46			
15	16QAM	1	74	21.58	21.85	21.49	22.8	0	
15	16QAM	36	0	21.46	21.83	21.44			
15	16QAM	36	20	21.59	21.73	21.46			
15	16QAM	36	39	21.46	21.75	21.42	22.8	0	
15	16QAM	36	50	21.57	21.82	21.52			
15	16QAM	1	0	21.54	21.83	21.42			
15	64QAM	1	37	21.49	21.74	21.50	22.8	0	
15	64QAM	1	74	21.59	21.85	21.52			
15	64QAM	36	0	20.57	20.96	20.90			
15	64QAM	36	20	20.52	20.96	20.83	21.8	1	
15	64QAM	36	39	20.66	20.91	20.70			
15	64QAM	75	0	20.63	20.89	20.77			
Channel				132022	132322	132592	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	21.49	21.74	21.46	22.8	0	
10	QPSK	1	25	21.59	21.73	21.52			
10	QPSK	1	49	21.52	21.79	21.54			
10	QPSK	25	0	21.54	21.81	21.43	22.8	0	
10	QPSK	25	12	21.55	21.77	21.43			
10	QPSK	25	25	21.57	21.85	21.48			
10	QPSK	50	0	21.51	21.83	21.50	22.8	0	
10	16QAM	1	0	21.51	21.85	21.50			
10	16QAM	1	25	21.55	21.85	21.47			
10	16QAM	1	49	21.54	21.79	21.53	22.8	0	
10	16QAM	25	0	21.48	21.84	21.44			
10	16QAM	25	12	21.49	21.85	21.45			
10	16QAM	25	25	21.46	21.77	21.49	22.8	0	
10	16QAM	50	0	21.46	21.74	21.42			
10	64QAM	1	0	21.53	21.73	21.49			
10	64QAM	1	25	21.57	21.75	21.51	22.8	0	
10	64QAM	1	49	21.52	21.77	21.48			
10	64QAM	25	0	20.58	20.98	20.90			
10	64QAM	25	12	20.63	20.96	20.83	21.8	1	
10	64QAM	25	25	20.62	20.88	20.65			
10	64QAM	50	0	20.55	20.92	20.71			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	21.50	21.83	21.48	22.8	0	
5	QPSK	1	12	21.46	21.73	21.43			
5	QPSK	1	24	21.54	21.79	21.45			
5	QPSK	12	7	21.57	21.81	21.43	22.8	0	
5	QPSK	12	13	21.51	21.84	21.41			
5	QPSK	25	0	21.59	21.74	21.49			
5	16QAM	1	0	21.48	21.80	21.45	22.8	0	
5	16QAM	1	12	21.54	21.74	21.42			
5	16QAM	1	24	21.57	21.76	21.41			
5	16QAM	12	0	21.50	21.86	21.53	22.8	0	
5	16QAM	12	7	21.47	21.84	21.47			
5	16QAM	12	13	21.54	21.84	21.52			
5	16QAM	25	0	21.53	21.81	21.42	22.8	0	
5	64QAM	1	0	21.58	21.76	21.49			
5	64QAM	1	12	21.54	21.74	21.46			
5	64QAM	1	24	21.55	21.83	21.43	21.8	1	
5	64QAM	12	0	20.52	21.00	20.92			
5	64QAM	12	7	20.55	20.98	20.83			
5	64QAM	12	13	20.64	20.90	20.67	21.8		
5	64QAM	25	0	20.66	20.95	20.73			
Channel				131987	132322	132655	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1779.3			
3	QPSK	1	0	21.50	21.81	21.51	22.8	0	
3	QPSK	1	8	21.59	21.81	21.54			
3	QPSK	1	14	21.54	21.76	21.47			
3	QPSK	8	4	21.48	21.79	21.45	22.8	0	
3	QPSK	8	4	21.46	21.86	21.53			
3	QPSK	8	7	21.47	21.79	21.47			
3	QPSK	15	0	21.53	21.73	21.51	22.8	0	
3	16QAM	1	0	21.56	21.86	21.45			
3	16QAM	1	8	21.53	21.81	21.48			
3	16QAM	1	14	21.48	21.78	21.51	22.8	0	
3	16QAM	8	0	21.57	21.78	21.53			
3	16QAM	8	4	21.51	21.76	21.43			
3	16QAM	8	7	21.46	21.85	21.42	22.8	0	
3	16QAM	15	0	21.47	21.83	21.48			
3	64QAM	1	0	21.55	21.81	21.54			
3	64QAM	1	8	21.48	21.77	21.48	22.8	0	
3	64QAM	1	14	21.50	21.76	21.49			
3	64QAM	8	0	20.54	21.01	20.93			
3	64QAM	8	4	20.62	20.92	20.80	21.8	1	
3	64QAM	8	7	20.69	20.90	20.70			
3	64QAM	15	0	20.62	20.87	20.82			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	21.50	21.86	21.50	22.8	0	
1.4	QPSK	1	3	21.58	21.75	21.47			
1.4	QPSK	1	5	21.47	21.84	21.44			
1.4	QPSK	3	0	21.51	21.84	21.52	22.8	0	
1.4	QPSK	3	1	21.52	21.83	21.52			
1.4	QPSK	3	3	21.46	21.80	21.54			
1.4	QPSK	6	0	21.59	21.75	21.46	22.8	0	
1.4	16QAM	1	0	21.49	21.80	21.54			
1.4	16QAM	1	3	21.52	21.77	21.52			
1.4	16QAM	1	5	21.58	21.79	21.43	22.8	0	
1.4	16QAM	3	0	21.56	21.78	21.43			
1.4	16QAM	3	1	21.50	21.82	21.49			
1.4	16QAM	3	3	21.48	21.81	21.51	22.8	0	
1.4	16QAM	6	0	21.47	21.85	21.49			
1.4	64QAM	1	0	21.52	21.85	21.54			
1.4	64QAM	1	3	21.46	21.86	21.44	22.8	0	
1.4	64QAM	1	5	21.53	21.74	21.48			
1.4	64QAM	3	0	21.52	21.85	21.49			
1.4	64QAM	3	1	21.51	21.76	21.53	21.8		
1.4	64QAM	3	3	21.48	21.84	21.46			
1.4	64QAM	6	0	20.61	20.90	20.90			

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	21.65	21.89	21.70	22.3	0	
20	QPSK	1	49	21.58	21.65	21.68			
20	QPSK	1	99	21.59	21.75	21.69			
20	QPSK	50	0	21.64	21.85	21.76			
20	QPSK	50	24	21.56	21.70	21.70	22.3	0	
20	QPSK	50	50	21.62	21.80	21.70			
20	QPSK	100	0	21.50	21.75	21.68			
20	16QAM	1	0	21.57	21.84	21.68			
20	16QAM	1	49	21.57	21.84	21.74	22.3	0	
20	16QAM	1	99	21.62	21.81	21.81			
20	16QAM	50	0	21.61	21.85	21.73			
20	16QAM	50	24	21.59	21.78	21.68			
20	16QAM	50	50	21.51	21.72	21.75	22.3	0	
20	16QAM	100	0	21.52	21.69	21.69			
20	64QAM	1	0	21.68	21.78	21.68			
20	64QAM	1	49	21.58	21.80	21.69	22.3	0	
20	64QAM	1	99	21.51	21.83	21.72			
20	64QAM	50	0	20.96	21.23	21.09			
20	64QAM	50	24	20.94	21.20	21.06			
20	64QAM	50	50	20.97	21.18	20.94	21.8	0.5	
20	64QAM	100	0	20.92	21.19	21.03			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	21.56	21.79	21.67	22.3	0	
15	QPSK	1	37	21.57	21.74	21.66			
15	QPSK	1	74	21.60	21.75	21.58			
15	QPSK	36	0	21.56	21.83	21.80			
15	QPSK	36	20	21.60	21.78	21.67	22.3	0	
15	QPSK	36	39	21.62	21.80	21.73			
15	QPSK	75	0	21.48	21.74	21.72			
15	16QAM	1	0	21.62	21.80	21.58			
15	16QAM	1	37	21.57	21.77	21.70	22.3	0	
15	16QAM	1	74	21.64	21.84	21.77			
15	16QAM	36	0	21.54	21.78	21.77			
15	16QAM	36	20	21.58	21.73	21.64			
15	16QAM	36	39	21.61	21.67	21.63	22.3	0	
15	16QAM	75	0	21.53	21.77	21.74			
15	64QAM	1	0	21.67	21.79	21.58			
15	64QAM	1	37	21.49	21.85	21.61			
15	64QAM	1	74	21.63	21.74	21.67	21.8	0.5	
15	64QAM	36	0	20.93	21.24	21.08			
15	64QAM	36	20	20.91	21.23	21.04			
15	64QAM	36	39	20.91	21.20	20.99			
15	64QAM	75	0	20.91	21.23	21.04			
Channel				132022	132322	132602	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	21.56	21.81	21.62	22.3	0	
10	QPSK	1	25	21.62	21.75	21.65			
10	QPSK	1	49	21.57	21.69	21.61			
10	QPSK	25	0	21.60	21.82	21.71			
10	QPSK	25	12	21.53	21.79	21.65	22.3	0	
10	QPSK	25	25	21.52	21.81	21.72			
10	QPSK	50	0	21.56	21.71	21.71			
10	16QAM	1	0	21.60	21.76	21.61			
10	16QAM	1	25	21.59	21.76	21.69	22.3	0	
10	16QAM	1	49	21.68	21.78	21.77			
10	16QAM	25	0	21.58	21.79	21.76			
10	16QAM	25	12	21.51	21.71	21.70			
10	16QAM	25	25	21.55	21.70	21.69	22.3	0	
10	16QAM	50	0	21.59	21.70	21.72			
10	64QAM	1	0	21.64	21.66	21.65			
10	64QAM	1	25	21.59	21.83	21.68			
10	64QAM	1	49	21.51	21.85	21.66	21.8	0.5	
10	64QAM	25	0	20.88	21.15	20.96			
10	64QAM	25	12	20.85	21.08	20.94			
10	64QAM	25	25	20.90	21.03	20.81			
10	64QAM	50	0	20.90	21.18	20.93			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	21.57	21.87	21.73	22.3	0	
5	QPSK	1	12	21.49	21.67	21.64			
5	QPSK	1	24	21.54	21.67	21.65			
5	QPSK	12	0	21.62	21.86	21.76			
5	QPSK	12	7	21.61	21.69	21.70	22.3	0	
5	QPSK	12	13	21.62	21.73	21.76			
5	QPSK	25	0	21.48	21.80	21.71			
5	16QAM	1	0	21.57	21.78	21.63			
5	16QAM	1	12	21.57	21.82	21.68	22.3	0	
5	16QAM	1	24	21.65	21.86	21.74			
5	16QAM	12	0	21.52	21.82	21.77			
5	16QAM	12	7	21.48	21.77	21.65			
5	16QAM	12	13	21.62	21.76	21.69	22.3	0	
5	16QAM	25	0	21.64	21.78	21.71			
5	64QAM	1	0	21.60	21.79	21.62			
5	64QAM	1	12	21.61	21.83	21.73			
5	64QAM	1	24	21.62	21.80	21.66	21.8	0.5	
5	64QAM	12	0	20.91	21.09	21.01			
5	64QAM	12	7	20.79	21.17	21.05			
5	64QAM	12	13	20.87	21.08	20.87			
5	64QAM	25	0	20.91	21.13	20.90			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	21.58	21.81	21.64	22.3	0	
3	QPSK	1	8	21.61	21.73	21.68			
3	QPSK	1	14	21.60	21.74	21.66			
3	QPSK	8	0	21.61	21.81	21.71			
3	QPSK	8	4	21.49	21.73	21.70	22.3	0	
3	QPSK	8	7	21.50	21.79	21.71			
3	QPSK	15	0	21.49	21.74	21.65			
3	16QAM	1	0	21.58	21.86	21.58			
3	16QAM	1	8	21.65	21.88	21.66	22.3	0	
3	16QAM	1	14	21.68	21.78	21.72			
3	16QAM	8	0	21.56	21.73	21.76			
3	16QAM	8	4	21.58	21.75	21.62			
3	16QAM	8	7	21.58	21.78	21.72	22.3	0	
3	16QAM	15	0	21.58	21.71	21.76			
3	64QAM	1	0	21.60	21.70	21.60			
3	64QAM	1	8	21.51	21.82	21.73			
3	64QAM	1	14	21.63	21.74	21.64	22.3	0	
3	64QAM	8	0	20.92	21.10	20.97			
3	64QAM	8	4	20.83	21.15	20.93			
3	64QAM	8	7	20.92	21.05	20.83			
3	64QAM	15	0	20.90	21.07	20.89	21.8	0.5	
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	21.63	21.80	21.67	22.3	0	
1.4	QPSK	1	3	21.62	21.62	21.61			
1.4	QPSK	1	5	21.62	21.74	21.61			
1.4	QPSK	3	0	21.56	21.84	21.62			
1.4	QPSK	3	1	21.61	21.68	21.66	22.3	0	
1.4	QPSK	3	3	21.55	21.74	21.59			
1.4	QPSK	6	0	21.56	21.81	21.73			
1.4	16QAM	1	0	21.60	21.68	21.66			
1.4	16QAM	1	3	21.50	21.73	21.69	22.3	0	
1.4	16QAM	1	5	21.58	21.74	21.72			
1.4	16QAM	3	0	21.60	21.74	21.69			
1.4	16QAM	3	1	21.66	21.87	21.75			
1.4	16QAM	3	3	21.66	21.79	21.78	22.3	0	
1.4	16QAM	6	0	21.61	21.82	21.77			
1.4	64QAM	1	0	21.53	21.73	21.61			
1.4	64QAM	1	3	21.54	21.78	21.71			
1.4	64QAM	1	5	21.65	21.70	21.70	22.3	0	
1.4	64QAM	3	0	21.68	21.79	21.68			
1.4	64QAM	3	1	21.69	21.85	21.61			
1.4	64QAM	3	3	21.58	21.81	21.68			
1.4	64QAM	6	0	20.82	21.19	20.99	21.8	0.5	

Band 38_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.35	23.38	23.28	23.8	0	
20	QPSK	1	49	23.23	23.11	23.17			
20	QPSK	1	99	23.28	23.11	23.15			
20	QPSK	50	0	23.34	23.37	23.25			
20	QPSK	50	24	23.32	23.20	23.14	23.8	0	
20	QPSK	50	50	23.30	23.20	23.15			
20	QPSK	100	0	23.30	23.35	23.14			
20	16QAM	1	0	23.30	23.21	23.15			
20	16QAM	1	49	23.34	23.23	23.17	23.8	0	
20	16QAM	1	99	23.32	23.22	23.19			
20	16QAM	50	0	22.34	22.20	22.14			
20	16QAM	50	24	22.35	22.22	22.16			
20	16QAM	50	50	22.34	22.22	22.16	22.8	1	
20	16QAM	100	0	22.32	22.20	22.15			
20	64QAM	1	0	22.08	21.94	21.90			
20	64QAM	1	49	22.12	21.96	21.95			
20	64QAM	1	99	22.08	21.94	21.94	22.8	1	
20	64QAM	50	0	21.30	21.17	21.11			
20	64QAM	50	24	21.32	21.18	21.13			
20	64QAM	50	50	21.32	21.20	21.12			
20	64QAM	100	0	21.32	21.17	21.12	21.8	2	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	23.24	23.27	23.12	23.8	0	
15	QPSK	1	37	23.19	23.05	22.97			
15	QPSK	1	74	23.05	22.84	23.00			
15	QPSK	36	0	23.26	23.23	23.19			
15	QPSK	36	20	23.24	23.10	23.09	23.8	0	
15	QPSK	36	39	23.18	23.09	23.07			
15	QPSK	75	0	23.24	23.30	22.98			
15	16QAM	1	0	23.18	23.07	23.02			
15	16QAM	1	37	23.24	23.14	23.09	23.8	0	
15	16QAM	1	74	23.19	23.15	23.08			
15	16QAM	36	0	22.27	22.13	22.02			
15	16QAM	36	20	22.30	22.12	22.00			
15	16QAM	36	39	22.31	22.12	22.06	22.8	1	
15	16QAM	75	0	22.26	22.04	22.10			
15	64QAM	1	0	22.01	21.87	21.77			
15	64QAM	1	37	22.04	21.83	21.79			
15	64QAM	1	74	21.95	21.82	21.81	21.8	2	
15	64QAM	36	0	21.16	21.02	20.99			
15	64QAM	36	20	21.21	21.08	21.08			
15	64QAM	36	39	21.18	21.04	21.07			
15	64QAM	75	0	21.22	21.10	21.00	21.8		
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	23.24	23.20	23.05	23.8	0	
10	QPSK	1	25	23.21	23.13	23.01			
10	QPSK	1	49	23.10	22.99	22.98			
10	QPSK	25	0	23.21	23.23	23.09			
10	QPSK	25	12	23.21	23.09	23.05	23.8	0	
10	QPSK	25	25	23.20	23.07	23.05			
10	QPSK	50	0	23.23	23.20	23.06			
10	16QAM	1	0	23.17	23.13	23.09			
10	16QAM	1	25	23.18	23.08	23.12	23.8	0	
10	16QAM	1	49	23.24	23.11	23.07			
10	16QAM	25	0	22.31	22.14	21.99			
10	16QAM	25	12	22.30	22.13	22.04			
10	16QAM	25	25	22.28	22.07	22.02	22.8	1	
10	16QAM	50	0	22.26	22.05	21.99			
10	64QAM	1	0	21.98	21.86	21.76			
10	64QAM	1	25	22.00	21.86	21.88			
10	64QAM	1	49	22.00	21.81	21.89	21.8	2	
10	64QAM	25	0	21.22	21.11	21.03			
10	64QAM	25	12	21.20	21.07	21.05			
10	64QAM	25	25	21.26	21.07	20.99			
10	64QAM	50	0	21.23	21.05	20.96	21.8		
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	23.19	23.26	23.07	23.8	0	
5	QPSK	1	12	23.16	23.06	22.95			
5	QPSK	1	24	23.11	23.02	23.01			
5	QPSK	12	0	23.18	23.31	23.10			
5	QPSK	12	7	23.25	23.14	23.01	23.8	0	
5	QPSK	12	13	23.24	23.15	23.04			
5	QPSK	25	0	23.14	23.24	22.99			
5	16QAM	1	0	23.15	23.15	23.00			
5	16QAM	1	12	23.19	23.13	23.05	23.8	0	
5	16QAM	1	24	23.23	23.14	23.14			
5	16QAM	12	0	22.28	22.05	22.01			
5	16QAM	12	7	22.33	22.13	22.07			
5	16QAM	12	13	22.26	22.15	22.10	22.8	1	
5	16QAM	25	0	22.26	22.05	22.05			
5	64QAM	1	0	21.94	21.84	21.80			
5	64QAM	1	12	22.04	21.84	21.82			
5	64QAM	1	24	21.96	21.80	21.89	21.8	2	
5	64QAM	12	0	21.22	21.11	21.00			
5	64QAM	12	7	21.22	21.08	21.03			
5	64QAM	12	13	21.20	21.04	20.99			
5	64QAM	25	0	21.23	21.08	20.97	21.8		

Band 38_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	18.85	18.91	18.80	19.8	0	
20	QPSK	1	49	18.76	18.65	18.73			
20	QPSK	1	99	18.73	18.73	18.60			
20	QPSK	50	0	18.76	18.88	18.64			
20	QPSK	50	24	18.62	18.79	18.70	19.8	0	
20	QPSK	50	50	18.65	18.67	18.82			
20	QPSK	100	0	18.75	18.76	18.62			
20	16QAM	1	0	18.75	18.76	18.72			
20	16QAM	1	49	18.74	18.78	18.54	19.8	0	
20	16QAM	1	99	18.76	18.66	18.76			
20	16QAM	50	0	18.74	18.58	18.59			
20	16QAM	50	24	18.72	18.70	18.54			
20	16QAM	50	50	18.78	18.78	18.65	19.8	0	
20	16QAM	100	0	18.63	18.75	18.76			
20	64QAM	1	0	18.63	18.78	18.63			
20	64QAM	1	49	18.72	18.71	18.70			
20	64QAM	1	99	18.74	18.60	18.52	19.8	0	
20	64QAM	50	0	18.69	18.56	18.72			
20	64QAM	50	24	18.64	18.72	18.59			
20	64QAM	50	50	18.75	18.79	18.67			
20	64QAM	100	0	18.64	18.73	18.67			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	18.72	18.75	18.77	19.8	0	
15	QPSK	1	37	18.68	18.60	18.69			
15	QPSK	1	74	18.75	18.68	18.72			
15	QPSK	36	0	18.71	18.79	18.73			
15	QPSK	36	20	18.66	18.77	18.69	19.8	0	
15	QPSK	36	39	18.69	18.71	18.74			
15	QPSK	75	0	18.77	18.68	18.75			
15	16QAM	1	0	18.75	18.74	18.66			
15	16QAM	1	37	18.75	18.69	18.60	19.8	0	
15	16QAM	1	74	18.71	18.55	18.77			
15	16QAM	36	0	18.72	18.66	18.60			
15	16QAM	36	20	18.66	18.73	18.54			
15	16QAM	36	39	18.67	18.69	18.61	19.8	0	
15	16QAM	75	0	18.66	18.68	18.72			
15	16QAM	1	0	18.69	18.74	18.61			
15	84QAM	1	37	18.74	18.75	18.55			
15	64QAM	1	74	18.75	18.70	18.59	19.8	0	
15	64QAM	36	0	18.71	18.63	18.62			
15	64QAM	36	20	18.62	18.78	18.59			
15	64QAM	36	39	18.76	18.73	18.64			
15	64QAM	75	0	18.69	18.78	18.70	19.8	0	
Channel				37800	38000	38200			
Frequency (MHz)				2795	2995	3205			
10	QPSK	1	0	18.78	18.76	18.74	19.8	0	
10	QPSK	1	25	18.64	18.66	18.72			
10	QPSK	1	49	18.74	18.75	18.69			
10	QPSK	25	0	18.65	18.75	18.73			
10	QPSK	25	12	18.69	18.77	18.78	19.8	0	
10	QPSK	25	25	18.65	18.64	18.67			
10	QPSK	50	0	18.75	18.78	18.72			
10	16QAM	1	0	18.66	18.72	18.65			
10	16QAM	1	25	18.73	18.78	18.59	19.8	0	
10	16QAM	1	49	18.70	18.65	18.69			
10	16QAM	25	0	18.70	18.66	18.60			
10	16QAM	25	12	18.69	18.71	18.60			
10	16QAM	25	25	18.74	18.71	18.64	19.8	0	
10	16QAM	50	0	18.73	18.73	18.79			
10	64QAM	1	0	18.65	18.70	18.74			
10	64QAM	1	25	18.73	18.75	18.61			
10	84QAM	1	49	18.77	18.71	18.55	19.8	0	
10	64QAM	25	0	18.76	18.64	18.65			
10	64QAM	25	12	18.74	18.78	18.52			
10	64QAM	25	25	18.66	18.71	18.67			
10	64QAM	50	0	18.74	18.74	18.69			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	18.76	18.74	18.72	19.8	0	
5	QPSK	1	12	18.69	18.66	18.70			
5	QPSK	1	24	18.73	18.71	18.72			
5	QPSK	12	0	18.64	18.77	18.72			
5	QPSK	12	7	18.68	18.74	18.77	19.8	0	
5	QPSK	12	13	18.64	18.64	18.70			
5	QPSK	25	0	18.67	18.68	18.69			
5	16QAM	1	0	18.73	18.70	18.73			
5	16QAM	1	12	18.69	18.71	18.58	19.8	0	
5	16QAM	1	24	18.79	18.60	18.71			
5	16QAM	12	0	18.70	18.59	18.53			
5	16QAM	12	7	18.68	18.71	18.55			
5	16QAM	12	13	18.66	18.77	18.60	19.8	0	
5	16QAM	25	0	18.64	18.66	18.75			
5	64QAM	1	0	18.70	18.67	18.63			
5	64QAM	1	12	18.73	18.75	18.69			
5	64QAM	1	24	18.77	18.62	18.51	19.8	0	
5	64QAM	12	0	18.72	18.63	18.56			
5	64QAM	12	7	18.72	18.71	18.55			
5	64QAM	12	13	18.67	18.70	18.67			

Band 38_Ant 4										
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				3750	3800	38150	2580	2595 2610		
Frequency (MHz)										
20	QPSK	1	0	22.71	22.72	22.67	23.6	0		
20	QPSK	1	49	22.63	22.45	22.53				
20	QPSK	1	99	22.70	22.54	22.65	23.1	0.5		
20	QPSK	50	0	22.20	22.23	22.17				
20	QPSK	50	24	22.18	22.08	22.06	23.1	0.5		
20	QPSK	50	50	22.18	22.08	22.08				
20	QPSK	100	0	22.15	22.20	22.06	23.1	0.5		
20	16QAM	1	0	22.16	22.10	22.06				
20	16QAM	1	49	22.19	22.13	22.06	23.1	0.5		
20	16QAM	1	99	22.21	22.13	22.17				
20	16QAM	50	0	21.14	21.10	21.08	22.1	1.5		
20	16QAM	50	24	21.17	21.12	21.11				
20	16QAM	50	50	21.21	21.11	21.13	22.1	1.5		
20	16QAM	100	0	21.16	21.10	21.10				
20	64QAM	1	0	20.91	20.91	20.76	22.1	1.5		
20	64QAM	1	49	20.94	20.92	20.81				
20	64QAM	1	99	20.95	20.94	20.92	21.1	2.5		
20	64QAM	50	0	20.16	20.09	20.06				
20	64QAM	50	24	20.18	20.12	20.11	21.1	2.5		
20	64QAM	50	50	20.21	20.12	20.13				
20	64QAM	100	0	20.15	20.08	20.07				
Channel				37525	38000	38175	2577.5	2595 2612.5		
Frequency (MHz)										
15	QPSK	1	0	22.63	22.62	22.55	23.6	0		
15	QPSK	1	37	22.58	22.41	22.46				
15	QPSK	1	74	22.54	22.39	22.62	23.1	0.5		
15	QPSK	36	0	22.08	22.09	22.11				
15	QPSK	36	20	22.08	22.01	21.98	23.1	0.5		
15	QPSK	36	39	22.13	21.97	21.94				
15	QPSK	75	0	22.02	22.04	21.90	23.1	0.5		
15	16QAM	1	0	22.02	22.03	21.99				
15	16QAM	1	37	22.11	21.98	21.95	23.1	0.5		
15	16QAM	1	74	22.09	22.02	22.02				
15	16QAM	36	0	21.11	20.97	20.94	22.1	1.5		
15	16QAM	36	20	21.15	20.99	21.05				
15	16QAM	36	39	21.19	21.04	21.07	22.1	1.5		
15	16QAM	75	0	21.14	20.98	21.05				
15	64QAM	1	0	20.82	20.80	20.69	22.1	1.5		
15	64QAM	1	37	20.82	20.86	20.69				
15	64QAM	1	74	20.85	20.85	20.82	21.1	2.5		
15	64QAM	36	0	20.11	19.93	19.96				
15	64QAM	36	20	20.03	20.00	20.02	21.1	2.5		
15	64QAM	36	39	20.10	20.03	20.08				
15	64QAM	75	0	20.04	20.02	20.00				
Channel				37500	38000	38200	2575	2595 2615		
Frequency (MHz)										
10	QPSK	1	0	22.55	22.60	22.64	23.6	0		
10	QPSK	1	25	22.54	22.33	22.49				
10	QPSK	1	49	22.55	22.37	22.52	23.1	0.5		
10	QPSK	25	0	22.06	22.12	22.12				
10	QPSK	25	12	22.08	21.99	21.98	23.1	0.5		
10	QPSK	25	25	22.09	22.00	22.03				
10	QPSK	50	0	22.01	22.15	21.91	23.1	0.5		
10	16QAM	1	0	22.05	21.94	21.94				
10	16QAM	1	25	22.10	22.06	22.00	22.1	1.5		
10	16QAM	1	49	22.10	21.97	22.02				
10	16QAM	25	0	21.10	21.02	20.99	22.1	1.5		
10	16QAM	25	12	21.13	20.97	21.02				
10	16QAM	25	25	21.15	20.95	21.01	22.1	1.5		
10	16QAM	50	0	21.14	20.96	21.00				
10	64QAM	1	0	20.76	20.79	20.61	22.1	1.5		
10	64QAM	1	25	20.79	20.87	20.72				
10	64QAM	1	49	20.84	20.78	20.78	21.1	2.5		
10	64QAM	25	0	20.00	19.95	20.01				
10	64QAM	25	12	20.03	20.00	20.01	21.1	2.5		
10	64QAM	25	25	20.10	20.04	20.00				
10	64QAM	50	0	20.00	19.93	20.00				
Channel				37775	38000	38225	2577.5	2595 2617.5		
Frequency (MHz)										
5	QPSK	1	0	22.64	22.62	22.66	23.6	0		
5	QPSK	1	12	22.53	22.33	22.46				
5	QPSK	1	24	22.62	22.39	22.60	23.1	0.5		
5	QPSK	12	0	22.21	22.13	22.16				
5	QPSK	12	7	22.21	22.14	22.19	23.1	0.5		
5	QPSK	12	13	22.21	22.11	22.21				
5	QPSK	25	0	22.23	22.14	22.21	23.1	0.5		
5	16QAM	1	0	22.24	22.15	22.08				
5	16QAM	1	12	22.24	22.16	22.17	23.1	0.5		
5	16QAM	1	24	22.25	22.15	22.19				
5	16QAM	12	0	21.17	21.11	21.14	22.1	1.5		
5	16QAM	12	7	21.17	21.10	21.15				
5	16QAM	12	13	21.17	21.09	21.18	22.1	1.5		
5	16QAM	25	0	21.24	21.17	21.24				
5	64QAM	1	0	20.99	20.90	20.97	22.1	1.5		
5	64QAM	1	12	20.99	20.92	21.06				
5	64QAM	1	24	21.00	20.89	21.11	21.1	2.5		
5	64QAM	12	0	20.22	20.14	20.21				
5	64QAM	12	7	20.21	20.13	20.21	21.1	2.5		
5	64QAM	12	13	20.22	20.13	20.26				
5	64QAM	25	0	20.26	20.17	20.21				

Band 41_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	23.8	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.30	23.39	23.44	23.29	23.20	23.8	0
20	QPSK	1	49	23.18	23.22	23.21	23.00	22.90		
20	QPSK	1	99	23.17	23.20	23.13	23.07	22.99	23.8	0
20	QPSK	50	0	23.28	23.38	23.40	23.25	23.15		
20	QPSK	50	24	23.20	23.28	23.31	23.21	23.09	23.8	0
20	QPSK	50	50	23.25	23.35	23.30	23.19	23.11		
20	QPSK	100	0	23.20	23.31	23.33	23.19	23.08	23.8	0
20	16QAM	1	0	23.05	23.25	23.34	23.14	22.99		
20	16QAM	1	49	23.24	23.32	23.39	23.18	23.08	23.8	0
20	16QAM	1	99	23.29	23.36	23.29	23.21	23.17		
20	16QAM	50	0	22.11	22.25	22.35	22.18	22.02	22.8	1
20	16QAM	50	24	22.21	22.29	22.31	22.22	22.09		
20	16QAM	50	50	22.27	22.37	22.31	22.21	22.14	22.8	1
20	16QAM	100	0	22.20	22.31	22.32	22.21	22.08		
20	64QAM	1	0	21.78	21.92	22.06	21.86	21.73	22.8	1
20	64QAM	1	49	21.97	22.05	22.08	21.95	21.81		
20	64QAM	1	99	22.01	22.15	22.02	21.95	21.89	21.8	2
20	64QAM	50	0	21.13	21.23	21.34	21.18	21.03		
20	64QAM	50	24	21.23	21.27	21.32	21.21	21.11	21.8	2
20	64QAM	50	50	21.22	21.26	21.31	21.21	21.14		
20	64QAM	100	0	21.22	21.29	21.33	21.21	21.10	21.8	2
Channel				39725	40173	40620	41068	41510		
Frequency (MHz)				2603.5	2648.3	2693	2637.8	2682.5		
15	QPSK	1	0	23.24	23.35	23.35	23.05	23.04	23.8	0
15	QPSK	1	37	23.10	23.24	23.28	23.07	22.98		
15	QPSK	1	74	23.19	23.25	23.18	23.09	23.00	23.8	0
15	QPSK	36	0	23.15	23.25	23.24	23.14	22.99		
15	QPSK	36	20	23.15	23.24	23.26	23.11	22.97	23.8	0
15	QPSK	36	39	23.17	23.28	23.22	23.05	22.91		
15	QPSK	75	0	23.06	23.17	23.24	23.09	22.96	23.8	0
15	16QAM	1	0	22.96	23.12	23.27	23.08	22.96		
15	16QAM	1	37	23.17	23.25	23.30	23.06	23.03	23.8	0
15	16QAM	1	74	23.16	23.30	23.18	23.12	23.09		
15	16QAM	36	0	22.06	22.09	22.25	22.11	21.92	22.8	1
15	16QAM	36	20	22.08	22.24	22.17	22.08	22.04		
15	16QAM	36	39	22.22	22.30	22.17	22.08	22.04	22.8	1
15	16QAM	75	0	22.14	22.26	22.12	22.02	21.96		
15	64QAM	1	0	21.73	21.77	21.91	21.58	21.50	22.8	1
15	64QAM	1	37	21.90	21.95	22.01	21.82	21.70		
15	64QAM	1	74	21.94	22.02	21.93	21.79	21.80	21.8	2
15	64QAM	36	0	21.06	21.12	21.28	21.03	20.97		
15	64QAM	36	20	21.17	21.12	21.27	21.08	21.05	21.8	2
15	64QAM	36	39	21.17	21.22	21.26	21.09	21.06		
15	64QAM	75	0	21.13	21.15	21.24	21.06	20.98	21.8	2
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.11	23.30	23.30	23.00	23.11	23.8	0
10	QPSK	1	25	23.05	23.18	23.32	23.09	22.99		
10	QPSK	1	49	23.11	23.30	23.30	23.04	22.94	23.8	0
10	QPSK	25	0	23.20	23.29	23.31	23.14	23.06		
10	QPSK	25	12	23.06	23.19	23.17	23.08	22.96	23.8	0
10	QPSK	25	25	23.19	23.23	23.23	23.06	23.04		
10	QPSK	50	0	23.13	23.25	23.23	23.11	22.92	23.8	0
10	16QAM	1	0	22.93	23.19	23.23	23.03	22.92		
10	16QAM	1	25	23.13	23.20	23.30	23.02	23.03	23.8	0
10	16QAM	1	49	23.24	23.38	23.14	23.13	23.04		
10	16QAM	25	0	22.00	22.13	22.23	22.03	21.89	22.8	1
10	16QAM	25	12	22.11	22.14	22.26	22.06	22.01		
10	16QAM	25	25	22.22	22.22	22.23	22.15	21.98	22.8	1
10	16QAM	50	0	22.05	22.25	22.21	22.10	21.99		
10	64QAM	1	0	21.73	21.85	21.91	21.72	21.65	22.8	1
10	64QAM	1	25	21.86	21.98	22.05	21.85	21.71		
10	64QAM	1	49	21.86	22.00	22.02	21.84	21.73	21.8	2
10	64QAM	25	0	21.08	21.07	21.23	21.09	20.95		
10	64QAM	25	12	21.15	21.16	21.19	21.07	20.99	21.8	2
10	64QAM	25	25	21.14	21.22	21.20	21.05	21.08		
10	64QAM	50	0	21.13	21.16	21.19	21.09	21.09	21.8	2
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.22	23.35	23.37	23.10	23.03	23.8	0
5	QPSK	1	12	23.17	23.26	23.28	23.12	23.00		
5	QPSK	1	24	23.10	23.26	23.18	23.01	22.91	23.8	0
5	QPSK	12	0	23.15	23.25	23.29	23.10	23.09		
5	QPSK	12	7	23.04	23.20	23.15	23.15	22.95	23.8	0
5	QPSK	12	13	23.11	23.21	23.22	23.11	23.00		
5	QPSK	25	0	23.07	23.19	23.18	23.07	23.01	23.8	0
5	16QAM	1	0	22.93	23.10	23.23	22.98	22.91		
5	16QAM	1	12	23.11	23.17	23.24	23.11	22.97	23.8	0
5	16QAM	1	24	23.14	23.30	23.30	23.10	22.97		
5	16QAM	12	0	22.03	22.14	22.28	22.07	21.94	22.8	1
5	16QAM	12	7	22.06	22.14	22.20	22.13	22.03		
5	16QAM	12	13	22.17	22.23	22.26	22.15	22.01	22.8	1
5	16QAM	25	0	22.07	22.23	22.17	22.05	21.98		
5	64QAM	1	0	21.71	21.80	21.93	21.77	21.66	22.8	1
5	64QAM	1	12	21.92	21.91	22.03	21.85	21.70		
5	64QAM	1	24	21.89	22.05	21.86	21.83	21.75	21.8	2
5	64QAM	12	0	21.08	21.14	21.16	21.01	20.96		
5	64QAM	12	7	21.14	21.13	21.17	21.12	20.95	21.8	2
5	64QAM	12	13	21.12	21.24	21.25	21.16	21.09		
5	64QAM	25	0	21.11	21.23	21.20	21.05	20.98		

Band 41_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	18.93	18.97	19.03	18.84	18.97	19.8	0	
20	QPSK	1	49	18.86	18.71	18.84	18.67	18.83			
20	QPSK	1	99	18.92	18.78	18.71	18.75	18.79			
20	QPSK	50	0	18.83	18.90	19.06	18.75	18.91			
20	QPSK	50	24	18.81	18.86	18.88	18.75	18.89	19.8	0	
20	QPSK	50	50	18.78	18.83	18.88	18.77	18.90			
20	QPSK	100	0	18.83	18.85	18.86	18.73	18.74			
20	16QAM	1	0	18.83	18.81	18.85	18.77	18.83			
20	16QAM	1	49	18.80	18.86	18.67	18.71	18.69	19.8	0	
20	16QAM	1	99	18.79	18.73	18.81	18.59	18.82			
20	16QAM	50	0	18.81	18.77	18.70	18.68	18.71			
20	16QAM	50	24	18.86	18.73	18.62	18.88	18.75			
20	16QAM	50	50	18.77	18.82	18.81	18.69	18.75	19.8	0	
20	16QAM	100	0	18.83	18.81	18.88	18.77	18.89			
20	64QAM	1	0	18.76	18.76	18.78	18.66	18.75			
20	64QAM	1	49	18.86	18.72	18.78	18.80	18.76			
20	64QAM	1	99	18.89	18.83	18.62	18.61	18.63	19.8	0	
20	64QAM	50	0	18.82	18.77	18.86	18.58	18.85			
20	64QAM	50	24	18.84	18.83	18.73	18.67	18.69			
20	64QAM	50	50	18.83	18.82	18.85	18.82	18.83			
20	64QAM	100	0	18.82	18.75	18.77	18.75	18.74	19.8	0	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	19.00	19.06	18.86	18.86	18.73	19.8	0	
15	QPSK	1	37	18.83	18.68	18.82	18.58	18.85			
15	QPSK	1	74	18.85	18.82	18.73	18.86	18.77			
15	QPSK	36	0	18.76	18.86	18.71	18.69	18.72			
15	QPSK	36	20	18.75	18.74	18.70	18.79	18.81	19.8	0	
15	QPSK	36	39	18.77	18.88	18.89	18.67	18.87			
15	QPSK	75	0	18.81	18.79	18.73	18.69	18.83			
15	16QAM	1	0	18.89	18.80	18.78	18.69	18.83			
15	16QAM	1	37	18.80	18.83	18.71	18.73	18.74	19.8	0	
15	16QAM	1	74	18.71	18.68	18.84	18.63	18.88			
15	16QAM	36	0	18.81	18.74	18.71	18.63	18.75			
15	16QAM	36	20	18.85	18.77	18.68	18.88	18.74			
15	16QAM	36	39	18.81	18.84	18.78	18.81	18.79	19.8	0	
15	16QAM	75	0	18.73	18.76	18.85	18.67	18.88			
15	64QAM	1	0	18.80	18.79	18.72	18.73	18.74			
15	64QAM	1	37	18.81	18.84	18.74	18.75	18.76			
15	64QAM	1	74	18.71	18.76	18.83	18.69	18.74	19.8	0	
15	64QAM	36	0	18.81	18.72	18.85	18.66	18.83			
15	64QAM	36	20	18.79	18.86	18.72	18.73	18.81			
15	64QAM	36	39	18.84	18.83	18.85	18.79	18.87			
15	64QAM	75	0	18.85	18.82	18.70	18.76	18.78	19.8	0	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	18.77	18.76	18.70	18.66	18.85	19.8	0	
10	QPSK	1	25	18.81	18.76	18.87	18.67	18.80			
10	QPSK	1	49	18.83	18.84	18.75	18.71	18.84			
10	QPSK	25	0	18.80	18.79	18.74	18.83	18.87			
10	QPSK	25	12	18.75	18.78	18.70	18.79	18.87	19.8	0	
10	QPSK	25	25	18.76	18.86	18.85	18.67	18.85			
10	QPSK	50	0	18.77	18.89	18.73	18.75	18.78			
10	16QAM	1	0	18.80	18.75	18.78	18.72	18.79			
10	16QAM	1	25	18.89	18.83	18.66	18.70	18.70	19.8	0	
10	16QAM	1	49	18.78	18.77	18.80	18.68	18.80			
10	16QAM	25	0	18.77	18.71	18.71	18.60	18.88			
10	16QAM	25	12	18.86	18.74	18.71	18.87	18.69			
10	16QAM	25	25	18.78	18.84	18.77	18.74	18.71	19.8	0	
10	16QAM	50	0	18.80	18.87	18.71	18.74	18.88			
10	64QAM	1	0	18.75	18.89	18.83	18.74	18.79			
10	64QAM	1	25	18.78	18.77	18.79	18.79	18.82			
10	64QAM	1	49	18.72	18.83	18.69	18.66	18.83	19.8	0	
10	64QAM	25	0	18.78	18.67	18.82	18.68	18.80			
10	64QAM	25	12	18.85	18.79	18.62	18.74	18.68			
10	64QAM	25	25	18.89	18.70	18.86	18.79	18.79			
10	64QAM	50	0	18.83	18.70	18.70	18.76	18.78	19.8	0	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	18.72	19.06	18.75	18.77	18.74	19.8	0	
5	QPSK	1	12	18.78	18.73	18.79	18.61	18.86			
5	QPSK	1	24	18.83	18.80	18.76	18.78	18.83			
5	QPSK	12	0	18.80	18.77	18.73	18.80	18.89			
5	QPSK	12	7	18.84	18.73	18.73	18.84	18.70	19.8	0	
5	QPSK	12	13	18.73	18.88	18.89	18.72	18.85			
5	QPSK	25	0	18.84	18.83	18.79	18.72	18.85			
5	16QAM	1	0	18.77	18.78	18.80	18.68	18.87			
5	16QAM	1	12	18.80	18.84	18.76	18.74	18.75	19.8	0	
5	16QAM	1	24	18.85	18.79	18.80	18.65	18.80			
5	16QAM	12	0	18.79	18.72	18.71	18.58	18.65			
5	16QAM	12	7	18.82	18.79	18.63	18.82	18.66			
5	16QAM	12	13	18.86	18.79	18.77	18.70	18.72	19.8	0	
5	16QAM	25	0	18.85	18.88	18.87	18.73	18.82			
5	64QAM	1	0	18.74	18.88	18.79	18.66	18.76			
5	64QAM	1	12	18.83	18.73	18.79	18.79	18.78			
5	64QAM	1	24	18.84	18.80	18.75	18.63	18.70	19.8	0	
5	64QAM	12	0	18.86	18.88	18.83	18.68	18.84			
5	64QAM	12	7	18.81	18.67	18.68	18.68	18.74			
5	64QAM	12	13	18.86	18.88	18.76	18.79	18.81			
5	64QAM	25	0	18.79	18.87	18.79	18.84	18.76			

Band 41_Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Low Middle Ch. / Freq	Power Middle Ch. / Freq	Power High Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	22.78	22.88	22.80	22.68	22.57	23.6	0	
20	QPSK	1	49	22.77	22.50	22.79	22.67	22.52			
20	QPSK	1	99	22.57	22.67	22.69	22.57	22.58			
20	QPSK	50	0	22.28	22.18	22.28	22.16	22.23			
20	QPSK	50	24	22.25	22.08	22.23	22.13	22.15	23.1	0.5	
20	QPSK	50	50	22.23	22.17	22.24	22.11	22.20			
20	QPSK	100	0	22.24	22.10	22.25	22.12	22.16			
20	16QAM	1	0	22.30	22.05	22.28	22.16	22.13			
20	16QAM	1	49	22.27	22.13	22.30	22.15	22.15	23.1	0.5	
20	16QAM	1</									

Reduced Power Mode for ECI 2

GSM850_Ant 0					Frame-Average Power (dBm)				
TX Channel	128	189	251	Tune-up Limit	128	189	251	Tune-up Limit	
Frequency (MHz)	824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	(dBm)	
GSM 1 Tx slot	32.21	32.40	32.35	33.50	23.21	23.40	23.35	24.50	
GPRS-EDGE GMSK 1 Tx slot	32.20	32.38	32.34	33.50	23.20	23.38	23.34	24.50	
GPRS-EDGE GMSK 2 Tx slots	30.20	30.33	30.31	31.00	24.20	24.33	24.31	25.00	
GPRS-EDGE GMSK 3 Tx slots	28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.94	
GPRS-EDGE GMSK 4 Tx slots	26.56	26.74	26.71	28.00	23.56	23.74	23.71	25.00	
EDGE BPSK 1 Tx slot	26.30	26.33	26.30	28.00	17.30	17.33	17.30	19.00	
EDGE BPSK 2 Tx slots	25.05	25.08	25.23	26.00	10.05	10.08	10.23	20.00	
EDGE BPSK 3 Tx slots	22.95	22.98	23.05	24.00	18.69	18.72	18.79	19.74	
EDGE BPSK 4 Tx slots	21.87	21.68	21.78	23.00	18.67	18.68	18.78	20.00	

GSM1900_Ant 0					Frame-Average Power (dBm)				
TX Channel	512	661	810	Tune-up Limit	512	661	810	Tune-up Limit	
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)	
GSM 1 Tx slot	29.59	29.63	29.56	30.50	20.59	20.63	20.56	21.50	
GPRS-EDGE GMSK 1 Tx slot	29.58	29.61	29.54	30.50	20.58	20.61	20.54	21.50	
GPRS-EDGE GMSK 2 Tx slots	26.62	26.64	26.61	28.00	20.62	20.64	20.61	22.00	
GPRS-EDGE GMSK 3 Tx slots	24.90	24.91	24.87	26.00	20.64	20.65	20.61	21.74	
GPRS-EDGE GMSK 4 Tx slots	23.15	23.16	23.13	24.00	20.15	20.16	20.13	21.00	
EDGE BPSK 1 Tx slot	26.40	26.26	26.23	27.00	17.40	17.28	17.23	18.00	
EDGE BPSK 2 Tx slots	24.90	24.89	24.88	26.00	18.90	18.89	18.88	20.00	
EDGE BPSK 3 Tx slots	22.85	22.78	22.73	23.50	18.59	18.52	18.47	19.24	
EDGE BPSK 4 Tx slots	21.40	21.36	21.33	22.50	18.40	18.38	18.33	19.50	

Band					WCDMA II_Ant 0				
TX Channel	9262	9400	9538	Tune-up Limit	9262	9400	9538	Tune-up Limit	
Rx Channel	9602	9600	9608	(dBm)	9602	9600	9608	(dBm)	
Frequency (MHz)	1952.4	1980	1907.6	(dBm)	1952.4	1980	1907.6	(dBm)	
3GPP Rel 99 AMR 12.2Kbps	23.86	23.88	23.85	24.80	16.78	16.79	16.66	17.80	
3GPP Rel 99 RMC 12.2Kbps	23.88	23.90	23.87	24.80	16.81	16.82	16.69	17.80	
3GPP Rel 6 HSDPA Subtest-1	22.88	22.95	23.01	23.80	15.90	16.04	15.93	16.80	
3GPP Rel 6 HSDPA Subtest-2	22.92	22.96	22.99	23.80	15.85	15.93	15.87	16.80	
3GPP Rel 6 HSDPA Subtest-3	22.47	22.50	22.56	23.30	15.46	15.46	15.47	16.30	
3GPP Rel 6 HSDPA Subtest-4	22.43	22.46	22.48	23.30	15.47	15.48	15.44	16.30	
3GPP Rel 8 DC-HSDPA Subtest-1	22.81	22.85	22.86	23.80	15.83	15.81	15.80	16.80	
3GPP Rel 8 DC-HSDPA Subtest-2	22.84	22.88	22.83	23.80	15.83	15.85	15.85	16.80	
3GPP Rel 8 DC-HSDPA Subtest-3	22.40	22.35	22.45	23.30	15.31	15.45	15.31	16.30	
3GPP Rel 8 DC-HSDPA Subtest-4	22.29	22.40	22.36	23.30	15.29	15.40	15.35	16.30	
3GPP Rel 6 HSUPA Subtest-1	20.38	20.40	20.35	21.80	13.28	13.29	13.27	14.80	
3GPP Rel 6 HSUPA Subtest-2	20.33	20.35	20.33	21.80	13.21	13.08	13.17	14.80	
3GPP Rel 6 HSUPA Subtest-3	22.38	22.35	22.33	22.80	15.25	15.19	15.26	15.80	
3GPP Rel 6 HSUPA Subtest-4	20.35	20.36	20.31	21.80	13.22	13.21	13.14	14.80	
3GPP Rel 6 HSUPA Subtest-5	22.40	22.42	22.35	22.80	15.33	15.25	15.14	15.80	
3GPP Rel 7 HSPA+ (HSPA-M) Subtest-1	22.85	22.88	22.80	23.30	15.88	15.96	15.80	16.30	

Band					WCDMA V_Ant 1				
TX Channel	4132	4182	4233	Tune-up Limit	4132	4182	4233	Tune-up Limit	
Rx Channel	4367	4407	4458	(dBm)	4367	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	23.70	23.72	23.67	24.80	20.07	20.14	20.13	21.30	
3GPP Rel 99 RMC 12.2Kbps	23.73	23.75	23.71	24.80	20.13	20.15	20.14	21.30	
3GPP Rel 6 HSDPA Subtest-1	22.81	22.74	22.79	23.80	19.10	19.04	19.17	20.30	
3GPP Rel 6 HSDPA Subtest-2	22.79	22.79	22.78	23.80	19.19	19.09	19.19	20.30	
3GPP Rel 6 HSDPA Subtest-3	22.34	22.36	22.35	23.30	18.71	18.69	18.62	19.80	
3GPP Rel 6 HSDPA Subtest-4	22.32	22.30	22.28	23.30	18.70	18.62	18.62	19.80	
3GPP Rel 8 DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	19.04	19.02	18.99	20.30	
3GPP Rel 8 DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	19.04	18.99	18.96	20.30	
3GPP Rel 8 DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	18.67	18.55	18.51	19.80	
3GPP Rel 8 DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	18.56	18.57	18.49	19.80	
3GPP Rel 6 HSUPA Subtest-1	20.45	20.48	20.42	21.80	16.80	16.77	16.76	18.30	
3GPP Rel 6 HSUPA Subtest-2	20.42	20.45	20.40	21.80	16.80	16.83	16.81	18.30	
3GPP Rel 6 HSUPA Subtest-3	22.45	22.46	22.43	22.80	18.85	18.68	18.76	19.30	
3GPP Rel 6 HSUPA Subtest-4	20.40	20.43	20.41	21.80	16.82	16.74	16.74	18.30	
3GPP Rel 6 HSUPA Subtest-5	22.50	22.55	22.52	22.80	18.84	18.67	18.76	19.30	
3GPP Rel 7 HSPA+ (HSPA-M) Subtest-1	21.82	21.65	21.60	23.30	18.14	18.16	18.05	19.80	

GSM850_Ant 1					Frame-Average Power (dBm)				
TX Channel	128	189	251	Tune-up Limit	128	189	251	Tune-up Limit	
Frequency (MHz)	824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	(dBm)	
GSM 1 Tx slot	23.45	23.38	23.54	25.00	14.45	14.38	14.54	16.00	
GPRS-EDGE GMSK 1 Tx slot	23.44	23.36	23.52	25.00	14.44	14.36	14.52	16.00	
GPRS-EDGE GMSK 2 Tx slots	23.44	23.36	23.53	25.00	17.44	17.36	17.53	19.00	
GPRS-EDGE GMSK 3 Tx slots	23.42	23.50	23.51	25.00	19.16	19.24	19.25	20.74	
GPRS-EDGE GMSK 4 Tx slots	23.39	23.49	23.48	25.00	20.39	20.49	20.48	22.00	
EDGE BPSK 1 Tx slot	18.14	16.17	16.06	17.00	7.14	7.17	7.06	8.00	
EDGE BPSK 2 Tx slots	15.91	16.02	15.95	17.00	9.91	10.02	9.95	11.00	
EDGE BPSK 3 Tx slots	15.80	15.89	15.87	17.00	11.54	11.63	11.61	12.74	
EDGE BPSK 4 Tx slots	15.59	15.65	15.54	17.00	12.59	12.65	12.54	14.00	

GSM1900_Ant 1					Frame-Average Power (dBm)				
TX Channel	512	661	810	Tune-up Limit	512	661	810	Tune-up Limit	
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)	
GSM 1 Tx slot	19.99	20.14	20.12	21.00	10.99	11.14	11.12	12.00	
GPRS-EDGE GMSK 1 Tx slot	19.98	20.13	20.11	21.00	10.98	11.13	11.11	12.00	
GPRS-EDGE GMSK 2 Tx slots	19.97	20.14	20.12	21.00	13.97	14.14	14.12	15.00	
GPRS-EDGE GMSK 3 Tx slots	19.98	20.15	20.12	21.00	15.72	15.89	15.86	16.74	
GPRS-EDGE GMSK 4 Tx slots	19.99	20.15	20.12	21.00	16.99	17.15	17.12	18.00	
EDGE BPSK 1 Tx slot	15.56	15.59	15.41	16.50	6.56	6.59	6.41	7.50	
EDGE BPSK 2 Tx slots	15.33	15.40	15.28	16.50	9.33	9.40	9.28	10.50	
EDGE BPSK 3 Tx slots	15.17	15.19	15.18	16.50	10.91	10.93	10.92	12.24	
EDGE BPSK 4 Tx slots	15.01	15.00	15.01	16.50	12.01	12.00	12.01	13.50	

Band					WCDMA IV_Ant 0				
TX Channel	1312	1413	1513	Tune-up Limit	1312	1413	1513	Tune-up Limit	
Rx Channel	1537	1638	1738	(dBm)	1537	1638	1738	(dBm)	
Frequency (MHz)	1712.4	1732.6	1752.8	(dBm)	1712.4	1732.6	1752.8	(dBm)	
3GPP Rel 99 AMR 12.2Kbps	24.00	24.03	23.97	24.80	18.07	18.09	18.01	18.80	
3GPP Rel 99 RMC 12.2Kbps	24.01	24.07	23.98	24.80	18.08	18.10	18.04	18.80	
3GPP Rel 6 HSDPA Subtest-1	23.07	23.13	23.03	23.80	17.16	17.16	17.04	17.80	
3GPP Rel 6 HSDPA Subtest-2	23.07	23.11	23.01	23.80	17.08	17.08	17.04	17.80	
3GPP Rel 6 HSDPA Subtest-3	22.57	22.68	22.55	23.30	16.69	16.73	16.59	17.30	
3GPP Rel 6 HSDPA Subtest-4	22.56	22.61	22.51	23.30	16.64	16.69	16.63	17.30	
3GPP Rel 8 DC-HSDPA Subtest-1	22.95	22.97	22.88	23.80	17.08	17.07	17.05	17.80	
3GPP Rel 8 DC-HSDPA Subtest-2	22.91	23.05	22.95	23.80	16.98	17.04	16.96	17.80	
3GPP Rel 8 DC-HSDPA Subtest-3	22.46	22.55	22.46	23.30	16.66	16.56	16.49	17.30	
3GPP Rel 8 DC-HSDPA Subtest-4	22.46	22.55	22.45	23.30	16.60	16.60	16.40	17.30	
3GPP Rel 6 HSUPA Subtest-1	20.57	20.59	20.55	21.80	14.48	14.58	14.50	15.80	
3GPP Rel 6 HSUPA Subtest-2	20.52	20.55	20.50	21.80	14.49	14.47	14.38	15.80	
3GPP Rel 6 HSUPA Subtest-3	22.53	22.55	22.50	22.80	16.48	16.47	16.38	16.80	
3GPP Rel 6 HSUPA Subtest-4	20.55	20.56	20.52	21.80	14.48	14.44	14.48	15.80	
3GPP Rel 6 HSUPA Subtest-5	22.55	22.57	22.53	22.80	16.45	16.48	16.36	16.80	
3GPP Rel 7 HSPA+ (HSPA-M) Subtest-1	22.26	22.30	22.23	23.30	16.27	16.21	16.19	17.30	

Band 2_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				18700	18900	19100					
Frequency (MHz)				1860	1880	1900					
20	QPSK	1	0	23.02	23.05	23.01	23.8	0			
20	QPSK	1	49	23.00	23.01	22.99					
20	QPSK	1	99	22.86	22.88	22.99					
20	QPSK	50	0	22.03	22.08	22.05	22.8	1			
20	QPSK	50	24	21.97	21.97	22.03					
20	QPSK	50	50	21.94	21.96	21.99					
20	QPSK	100	0	21.93	22.05	22.03	22.8	1			
20	16QAM	1	0	22.30	22.27	22.29					
20	16QAM	1	49	22.25	22.21	22.30					
20	16QAM	1	99	22.16	22.20	22.23	21.8	2			
20	16QAM	50	0	20.92	21.00	21.04					
20	16QAM	50	24	20.96	20.96	21.05					
20	16QAM	50	50	20.92	20.96	21.00	21.8	2			
20	16QAM	100	0	20.91	20.99	21.02					
20	64QAM	1	0	21.11	21.14	21.12					
20	64QAM	1	49	21.07	21.17	21.12	21.8	2			
20	64QAM	1	99	20.97	21.03	21.06					
20	64QAM	50	0	19.92	19.97	20.04					
20	64QAM	50	24	19.96	19.96	20.03	20.8	3			
20	64QAM	50	50	19.92	19.95	20.00					
20	64QAM	100	0	19.92	19.97	20.01					
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1857.5	1880	1902.5					
15	QPSK	1	0	22.87	22.96	22.90	23.8	0			
15	QPSK	1	37	22.89	22.94	22.83					
15	QPSK	1	74	22.71	22.73	22.89					
15	QPSK	36	0	21.91	21.92	21.96	22.8	1			
15	QPSK	36	20	21.89	21.85	21.92					
15	QPSK	36	39	21.86	21.88	21.85					
15	QPSK	75	0	21.84	21.92	21.93	22.8	1			
15	16QAM	1	0	22.17	22.15	22.15					
15	16QAM	1	37	22.18	22.22	22.20					
15	16QAM	1	74	22.03	22.04	22.08	21.8	2			
15	16QAM	36	0	20.86	20.85	20.90					
15	16QAM	36	20	20.86	20.82	20.98					
15	16QAM	36	39	20.86	20.88	20.87	21.8	2			
15	16QAM	75	0	20.87	20.83	20.88					
15	64QAM	1	0	21.00	21.08	21.04					
15	64QAM	1	37	20.93	21.01	21.06	21.8	2			
15	64QAM	1	74	20.86	20.97	20.92					
15	64QAM	36	0	19.78	19.86	19.88					
15	64QAM	36	20	19.91	19.81	19.90	20.8	3			
15	64QAM	36	39	19.81	19.81	19.86					
15	64QAM	75	0	19.80	19.82	19.88					
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1855	1880	1905					
10	QPSK	1	0	22.91	22.89	22.87	23.8	0			
10	QPSK	1	25	22.85	22.89	22.92					
10	QPSK	1	49	22.77	22.79	22.88					
10	QPSK	25	0	21.89	21.97	21.92	22.8	1			
10	QPSK	25	12	21.92	21.82	21.93					
10	QPSK	25	25	21.80	21.88	21.86					
10	QPSK	50	0	21.77	21.95	21.97	22.8	1			
10	16QAM	1	0	22.15	22.16	22.20					
10	16QAM	1	25	22.14	22.15	22.14					
10	16QAM	1	49	22.02	22.06	22.17	21.8	2			
10	16QAM	25	0	20.89	20.89	20.91					
10	16QAM	25	12	20.91	20.80	20.95					
10	16QAM	25	25	20.89	20.85	20.87	21.8	2			
10	16QAM	50	0	20.87	20.85	20.97					
10	64QAM	1	0	21.04	20.99	21.07					
10	64QAM	1	25	20.95	21.08	21.04	21.8	2			
10	64QAM	1	49	20.90	20.92	20.99					
10	64QAM	25	0	19.82	19.81	19.88					
10	64QAM	25	12	19.81	19.85	19.89	20.8	3			
10	64QAM	25	25	19.87	19.81	19.95					
10	64QAM	50	0	19.84	19.82	19.87					
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1852.5	1880	1907.5					
5	QPSK	1	0	22.89	22.94	22.96	23.8	0			
5	QPSK	1	12	22.95	22.86	22.83					
5	QPSK	1	24	22.80	22.74	22.89					
5	QPSK	12	0	21.87	21.95	21.89	22.8	1			
5	QPSK	12	7	21.89	21.85	21.87					
5	QPSK	12	13	21.79	21.87	21.93					
5	QPSK	25	0	21.78	21.99	21.89	22.8	1			
5	16QAM	1	0	22.23	22.18	22.17					
5	16QAM	1	12	22.18	22.26	22.25					
5	16QAM	1	24	22.06	22.05	22.13	21.8	2			
5	16QAM	12	0	20.87	20.89	20.90					
5	16QAM	12	7	20.84	20.86	20.93					
5	16QAM	12	13	20.88	20.81	20.87	21.8	2			
5	16QAM	25	0	20.85	20.91	20.94					
5	64QAM	1	0	21.00	21.09	21.07					
5	64QAM	1	12	21.02	21.02	20.96	21.8	2			
5	64QAM	1	24	20.89	20.90	20.98					
5	64QAM	12	0	19.85	19.81	19.88					
5	64QAM	12	7	19.80	19.89	19.94	20.8	3			
5	64QAM	12	13	19.78	19.81	19.84					
5	64QAM	25	0	19.76	19.91	19.95					
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1851.5	1880	1908.5					
3	QPSK	1	0	22.94	22.93	22.95	23.8	0			
3	QPSK	1	8	22.90	22.85	22.91					
3	QPSK	1	14	22.81	22.80	22.86					
3	QPSK	8	0	21.97	21.98	21.99	22.8	1			
3	QPSK	8	4	21.83	21.86	21.90					
3	QPSK	8	7	21.80	21.85	21.87					
3	QPSK	15	0	21.87	21.98	21.90	22.8	1			
3	16QAM	1	0	22.20	22.17	22.14					
3	16QAM	1	8	22.17	22.16	22.16					
3	16QAM	1	14	22.01	22.10	22.16	21.8	2			
3	16QAM	8	0	20.87	20.89	20.90					
3	16QAM	8	4	20.92	20.85	20.99					
3	16QAM	8	7	20.86	20.80	20.89	21.8	2			
3	16QAM	15	0	20.83	20.91	20.91					
3	64QAM	1	0	20.97	21.07	21.09					
3	64QAM	1	8	20.93	21.12	21.02	21.8	2			
3	64QAM	1	14	20.85	20.95	20.97					
3	64QAM	8	0	19.84	19.81	19.83					
3	64QAM	8	4	19.88	19.85	19.88	20.8	3			
3	64QAM	8	7	19.87	19.81	19.95					
3	64QAM	15	0	19.84	19.83	19.94					
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1850.7	1880	1909.3					
1.4	QPSK	1	0	22.92	22.93	22.86	23.8	0			
1.4	QPSK	1	3	22.94	22.91	22.94					
1.4	QPSK	1	5	22.73	22.73	22.86					
1.4	QPSK	3	0	22.84	22.85	22.85	22.8	1			
1.4	QPSK	3	3	22.84	22.81	22.94					
1.4	QPSK	3	3	22.75	22.75	22.90					
1.4	QPSK	6	0	21.98	21.95	21.91	22.8	1			
1.4	16QAM	1	0	21.84	21.82	21.94					
1.4	16QAM	1	3	21.89	21.80	21.93					
1.4	16QAM	1	5	21.85	21.97	21.90	22.8	1			
1.4	16QAM	3	0	22.19	22.12	22.15					
1.4	16QAM	3	3	22.03	22.13	22.07					
1.4	16QAM	6	0	20.90	20.88	20.94	21.8	2			
1.4	64QAM	1	0	20.92	20.86	20.91					
1.4	64QAM	1	3	20.89	20.91	20.95					
1.4	64QAM	1	5	20.87	20.93	20.90	21.8	2			
1.4	64QAM	3	0	20.97	21.07	20.96					
1.4	64QAM	3	3	21.01	21.07	21.04					
1.4	64QAM	3	3	20.85	20.88	20.95	20.8	3			
1.4	64QAM	6	0	19.80	19.83	19.93					

Band 4_Ant 0												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				1720	1732.5	1745						
20	QPSK	1	0	23.67	24.05	24.02	24.8	0				
20	QPSK	1	49	23.66	23.92	24.00						
20	QPSK	1	99	23.66	23.95	23.96						
20	QPSK	50	0	22.78	23.15	23.10	23.8	1				
20	QPSK	50	24	22.70	22.90	23.07						
20	QPSK	50	50	22.76	22.92	23.05						
20	QPSK	100	0	22.72	23.08	23.06	23.8	1				
20	16QAM	1	0	22.99	23.07	23.20						
20	16QAM	1	49	22.96	23.21	23.37						
20	16QAM	1	99	22.95	23.25	23.24	22.8	2				
20	16QAM	50	0	21.68	21.81	22.10						
20	16QAM	50	24	21.70	21.88	22.09						
20	16QAM	50	50	21.76	21.92	22.04	22.8	2				
20	16QAM	100	0	21.72	21.87	22.04						
20	64QAM	1	0	21.83	21.88	22.08						
20	64QAM	1	49	21.76	22.05	22.17	22.8	2				
20	64QAM	1	99	21.78	22.07	22.06						
20	64QAM	50	0	20.68	20.76	21.07						
20	64QAM	50	24	20.71	20.86	21.08	21.8	3				
20	64QAM	50	50	20.77	20.92	21.04						
20	64QAM	100	0	20.73	20.87	21.05						
Channel												
Frequency (MHz)				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)				
				1717.5	1732.5	1747.5						
15	QPSK	1	0	23.54	23.95	23.88	24.8	0				
15	QPSK	1	37	23.53	23.87	23.87						
15	QPSK	1	74	23.56	23.81	23.87						
15	QPSK	36	0	22.72	23.00	22.98	23.8	1				
15	QPSK	36	20	22.54	22.84	22.91						
15	QPSK	36	39	22.71	22.84	22.98						
15	QPSK	75	0	22.56	22.97	22.93	23.8	1				
15	16QAM	1	0	22.92	22.91	23.11						
15	16QAM	1	37	22.81	23.11	23.26						
15	16QAM	1	74	22.85	23.11	23.13	22.8	2				
15	16QAM	36	0	21.60	21.65	22.02						
15	16QAM	36	20	21.63	21.78	22.02						
15	16QAM	36	39	21.73	21.82	21.95	22.8	2				
15	16QAM	75	0	21.69	21.72	21.92						
15	64QAM	1	0	21.72	21.78	21.94						
15	64QAM	1	37	21.63	21.90	22.09	22.8	2				
15	64QAM	1	74	21.68	21.98	22.01						
15	64QAM	36	0	20.53	20.63	20.91						
15	64QAM	36	20	20.61	20.74	20.94	21.8	3				
15	64QAM	36	39	20.71	20.85	20.89						
15	64QAM	75	0	20.59	20.77	20.90						
Channel												
Frequency (MHz)				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)				
				1715	1732.5	1750						
10	QPSK	1	0	23.53	23.93	23.90	24.8	0				
10	QPSK	1	25	23.61	23.81	23.85						
10	QPSK	1	49	23.53	23.79	23.83						
10	QPSK	25	0	22.67	23.00	23.00	23.8	1				
10	QPSK	25	12	22.56	22.82	23.02						
10	QPSK	25	25	22.68	22.92	22.91						
10	QPSK	50	0	22.59	22.93	22.92	23.8	1				
10	16QAM	1	0	22.93	22.95	23.11						
10	16QAM	1	25	22.86	23.16	23.29						
10	16QAM	1	49	22.79	23.18	23.12	22.8	2				
10	16QAM	25	0	21.63	21.74	21.96						
10	16QAM	25	12	21.68	21.76	22.01						
10	16QAM	25	25	21.70	21.80	21.94	22.8	2				
10	16QAM	50	0	21.70	21.72	21.97						
10	64QAM	1	0	21.78	21.79	21.92						
10	64QAM	1	25	21.70	22.00	22.08	22.8	2				
10	64QAM	1	49	21.68	21.92	21.93						
10	64QAM	25	0	20.61	20.66	21.02						
10	64QAM	25	12	20.55	20.73	20.92	21.8	3				
10	64QAM	25	25	20.61	20.78	20.90						
10	64QAM	50	0	20.66	20.72	20.89						
Channel												
Frequency (MHz)				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)				
				1712.5	1732.5	1752.5						
5	QPSK	1	0	23.59	23.95	23.90	24.8	0				
5	QPSK	1	12	23.59	23.76	23.95						
5	QPSK	1	24	23.57	23.87	23.90						
5	QPSK	12	0	22.65	23.02	22.99	23.8	1				
5	QPSK	12	7	22.58	22.75	22.93						
5	QPSK	12	13	22.65	22.83	22.97						
5	QPSK	25	0	22.56	22.92	22.94	23.8	1				
5	16QAM	1	0	22.83	23.02	23.15						
5	16QAM	1	12	22.91	23.07	23.25						
5	16QAM	1	24	22.83	23.14	23.12	22.8	2				
5	16QAM	12	0	21.63	21.66	21.96						
5	16QAM	12	7	21.63	21.82	21.98						
5	16QAM	12	13	21.69	21.76	21.95	22.8	2				
5	16QAM	25	0	21.69	21.82	21.99						
5	64QAM	1	0	21.74	21.81	21.93						
5	64QAM	1	12	21.69	21.96	22.03	22.8	2				
5	64QAM	1	24	21.72	21.92	21.90						
5	64QAM	12	0	20.58	20.64	20.98						
5	64QAM	12	7	20.55	20.75	20.93	21.8	3				
5	64QAM	12	13	20.65	20.80	20.96						
5	64QAM	25	0	20.64	20.76	21.00						
Channel												
Frequency (MHz)				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)				
				1711.5	1732.5	1753.5						
3	QPSK	1	0	23.58	23.90	23.94	24.8	0				
3	QPSK	1	8	23.60	23.83	23.91						
3	QPSK	1	14	23.56	23.85	23.81						
3	QPSK	8	0	22.63	23.05	22.95	23.8	1				
3	QPSK	8	4	22.60	22.92	22.97						
3	QPSK	8	7	22.62	22.77	22.94						
3	QPSK	15	0	22.64	22.97	22.97	23.8	1				
3	16QAM	1	0	22.86	23.00	23.05						
3	16QAM	1	8	22.82	23.14	23.28						
3	16QAM	1	14	22.83	23.14	23.12	22.8	2				
3	16QAM	8	0	21.62	21.76	21.96						
3	16QAM	8	4	21.68	21.72	21.99						
3	16QAM	8	7	21.71	21.86	21.89	22.8	2				
3	16QAM	15	0	21.68	21.78	21.92						
3	64QAM	1	0	21.76	21.76	21.98	22.8	2				
3	64QAM	1	8	21.66	21.96	22.06						
3	64QAM	1	14	21.68	22.02	22.04						
3	64QAM	8	0	20.53	20.54	21.02	22.8	2				
3	64QAM	8	4	20.58	20.77	20.95						
3	64QAM	8	7	20.71	20.86	20.90						
3	64QAM	15	0	20.66	20.77	21.00	21.8	3				
Channel												
Frequency (MHz)				19957	20175	20393			Tune-up limit (dBm)	MPR (dB)		
				1710.7	1732.5	1754.3						
1.4	QPSK	1	0	23.55	23.97	23.88	24.8	0				
1.4	QPSK	1	3	23.53	23.85	23.93						
1.4	QPSK	1	5	23.58	23.80	23.91						
1.4	QPSK	3	0	23.62	23.93	23.88	23.8	1				
1.4	QPSK	3	1	23.52	23.87	23.93						
1.4	QPSK	3	3	23.55	23.86	23.91						
1.4	QPSK	6	0	22.67	23.03	23.01	23.8	1				
1.4	16QAM	1	0	22.62	22.75	22.97						
1.4	16QAM	1	3	22.61	22.83	23.00						
1.4	16QAM	1	5	22.68	22.95	23.18	23.8	1				
1.4	16QAM	3	0	22.66	22.92	23.05						
1.4	16QAM	3	1	22.61	23.16	23.30						
1.4	16QAM	3	3	22.62	23.18	23.17	22.8	2				
1.4	64QAM	1	0	21.62	21.71	22.00						
1.4	64QAM	1	3	21.74	21.82	21.89	22.8	2				
1.4	64QAM	1	5	21.68	21.72	21.88						
1.4	64QAM	3	0	21.78	21.78	22.00						
1.4	64QAM	3	1	21.62	21.91	22.06	21.8	3				
1.4	64QAM	3	3	21.70	21.91	22.00						
1.4	64QAM	6	0	20.54	20.65	20.95						
1.4	64QAM	6	0	20.54	20.65	20.95						

Band 5_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20450	20525	20600	829	836.5 844			
Frequency (MHz)											
10	QPSK	1	0	23.80	23.88	23.84	24.8	0			
10	QPSK	1	25	23.74	23.79	23.76					
10	QPSK	1	49	23.74	23.81	23.74	23.8	1			
10	QPSK	25	0	22.76	22.85	22.82					
10	QPSK	25	12	22.77	22.78	22.79	23.8	1			
10	QPSK	25	25	22.76	22.78	22.78					
10	QPSK	50	0	22.75	22.76	22.77	23.8	1			
10	16QAM	1	0	22.84	23.00	23.03					
10	16QAM	1	25	22.99	23.03	22.96	23.8	1			
10	16QAM	1	49	22.97	23.04	22.96					
10	16QAM	25	0	21.79	21.81	21.85	22.8	2			
10	16QAM	25	12	21.83	21.82	21.82					
10	16QAM	25	25	21.84	21.79	21.78	22.8	2			
10	16QAM	50	0	21.80	21.81	21.83					
10	64QAM	1	0	21.82	21.96	22.01	22.8	2			
10	64QAM	1	25	21.97	21.98	21.97					
10	64QAM	1	49	22.02	21.94	21.95	21.8	3			
10	64QAM	25	0	20.79	20.80	20.84					
10	64QAM	25	12	20.81	20.81	20.82	21.8	3			
10	64QAM	25	25	20.83	20.78	20.77					
10	64QAM	50	0	20.79	20.78	20.81					
Channel				20425	20525	20625	826.5	836.5 846.5			
Frequency (MHz)											
5	QPSK	1	0	23.73	23.78	23.72	24.8	0			
5	QPSK	1	12	23.62	23.68	23.60					
5	QPSK	1	24	23.63	23.76	23.63	23.8	1			
5	QPSK	12	0	22.68	22.77	22.75					
5	QPSK	12	7	22.65	22.66	22.72	23.8	1			
5	QPSK	12	13	22.64	22.65	22.65					
5	QPSK	25	0	22.66	22.67	22.68	23.8	1			
5	16QAM	1	0	22.75	22.95	22.97					
5	16QAM	1	12	22.92	22.92	22.82	23.8	1			
5	16QAM	1	24	22.89	22.88	22.85					
5	16QAM	12	0	21.71	21.89	21.74	22.8	2			
5	16QAM	12	7	21.81	21.86	21.71					
5	16QAM	12	13	21.79	21.71	21.63	22.8	2			
5	16QAM	25	0	21.73	21.75	21.67					
5	64QAM	1	0	21.67	21.82	21.91	22.8	2			
5	64QAM	1	12	21.88	21.91	21.92					
5	64QAM	1	24	21.88	21.81	21.81	21.8	3			
5	64QAM	12	0	20.68	20.71	20.77					
5	64QAM	12	7	20.67	20.69	20.68					
5	64QAM	12	13	20.75	20.71	20.64	21.8	3			
5	64QAM	25	0	20.74	20.63	20.70					
Channel				20415	20525	20635	825.5			836.5 847.5	
Frequency (MHz)											
3	QPSK	1	0	23.73	23.73	23.70	24.8	0			
3	QPSK	1	8	23.68	23.73	23.63					
3	QPSK	1	14	23.62	23.70	23.62	23.8	1			
3	QPSK	8	0	22.72	22.80	22.72					
3	QPSK	8	4	22.67	22.71	22.65	23.8	1			
3	QPSK	8	7	22.61	22.70	22.62					
3	QPSK	15	0	22.69	22.70	22.62	23.8	1			
3	16QAM	1	0	22.71	22.89	22.94					
3	16QAM	1	8	22.86	22.88	22.89	23.8	1			
3	16QAM	1	14	22.88	22.90	22.85					
3	16QAM	8	0	21.76	21.75	21.74	22.8	2			
3	16QAM	8	4	21.78	21.73	21.75					
3	16QAM	8	7	21.78	21.71	21.67	22.8	2			
3	16QAM	15	0	21.74	21.72	21.68					
3	64QAM	1	0	21.72	21.85	21.91	22.8	2			
3	64QAM	1	8	21.83	21.86	21.87					
3	64QAM	1	14	21.97	21.85	21.81	21.8	3			
3	64QAM	8	0	20.69	20.73	20.66					
3	64QAM	8	4	20.65	20.68	20.67					
3	64QAM	8	7	20.72	20.72	20.71	21.8	3			
3	64QAM	15	0	20.73	20.72	20.66					
Channel				20407	20525	20643	824.7			836.5 848.3	
Frequency (MHz)											
1.4	QPSK	1	0	23.70	23.73	23.76	24.8	0			
1.4	QPSK	1	3	23.68	23.63	23.63					
1.4	QPSK	1	5	23.68	23.71	23.65	23.8	1			
1.4	QPSK	3	0	23.69	23.76	23.72					
1.4	QPSK	3	1	23.63	23.68	23.63	23.8	1			
1.4	QPSK	3	3	23.63	23.71	23.69					
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	1			
1.4	16QAM	1	0	22.64	22.65	22.71					
1.4	16QAM	1	3	22.63	22.66	22.73	23.8	1			
1.4	16QAM	1	5	22.60	22.70	22.70					
1.4	16QAM	3	0	22.79	22.85	22.91	23.8	1			
1.4	16QAM	3	1	22.84	22.90	22.84					
1.4	16QAM	3	3	22.86	22.92	22.85	22.8	2			
1.4	16QAM	6	0	21.71	21.70	21.77					
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	2			
1.4	64QAM	1	3	21.81	21.86	21.85					
1.4	64QAM	1	5	21.72	21.67	21.69	22.8	2			
1.4	64QAM	3	0	21.66	21.86	21.95					
1.4	64QAM	3	1	21.91	21.84	21.84	21.8	3			
1.4	64QAM	3	3	21.89	21.89	21.88					
1.4	64QAM	6	0	20.63	20.64	20.75					

Band 5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	829	836.5 844	
Frequency (MHz)									
10	QPSK	1	0	20.00	20.08	19.99	20.8	0	
10	QPSK	1	25	19.94	19.94	19.98			
10	QPSK	1	49	19.98	20.00	19.97			
10	QPSK	25	0	19.99	20.05	19.98	20.8	0	
10	QPSK	25	12	19.94	20.04	19.97			
10	QPSK	25	25	19.93	19.94	19.97			
10	QPSK	50	0	19.98	19.99	19.93	20.8	0	
10	16QAM	1	0	20.00	19.93	19.96			
10	16QAM	1	25	19.97	20.03	19.98			
10	16QAM	1	49	19.98	19.92	19.97	20.8	0	
10	16QAM	25	0	19.98	19.93	19.98			
10	16QAM	25	12	19.98	20.04	19.89			
10	16QAM	25	25	20.02	20.00	19.88	20.8	0	
10	16QAM	50	0	19.89	20.02	19.95			
10	64QAM	1	0	19.89	20.04	19.88			
10	64QAM	1	25	20.02	20.01	19.93	20.8	0	
10	64QAM	1	49	20.02	19.93	19.88			
10	64QAM	25	0	19.94	19.92	19.89			
10	64QAM	25	12	19.95	19.93	19.87	20.8	0	
10	64QAM	25	25	19.93	19.99	19.92			
10	64QAM	50	0	19.90	20.04	19.96			
Channel				20425	20525	20625	826.5	836.5 846.5	
Frequency (MHz)									
5	QPSK	1	0	19.95	20.00	19.87	20.8	0	
5	QPSK	1	12	19.92	19.93	19.96			
5	QPSK	1	24	19.95	20.03	19.96			
5	QPSK	12	0	19.89	19.95	19.97	20.8	0	
5	QPSK	12	7	19.95	19.93	19.99			
5	QPSK	12	13	19.98	20.00	19.99			
5	QPSK	25	0	19.89	19.96	19.94	20.8	0	
5	16QAM	1	0	19.94	19.91	19.92			
5	16QAM	1	12	19.96	20.00	19.87			
5	16QAM	1	24	19.91	20.00	19.88	20.8	0	
5	16QAM	12	0	20.02	20.04	19.88			
5	16QAM	12	7	19.91	20.00	19.97			
5	16QAM	12	13	19.94	19.98	19.99	20.8	0	
5	16QAM	25	0	19.89	20.02	19.99			
5	64QAM	1	0	19.89	20.02	19.91			
5	64QAM	1	12	20.02	19.96	19.93	20.8	0	
5	64QAM	1	24	19.91	20.04	19.98			
5	64QAM	12	0	19.93	19.96	19.96			
5	64QAM	12	7	19.95	19.91	19.87	20.8	0	
5	64QAM	12	13	19.94	20.00	19.95			
5	64QAM	25	0	19.90	20.00	19.89			
Channel				20415	20525	20635	826.5	836.5 847.5	
Frequency (MHz)									
3	QPSK	1	0	19.89	19.91	19.95	20.8	0	
3	QPSK	1	8	20.02	19.92	19.91			
3	QPSK	1	14	20.01	20.02	19.91			
3	QPSK	8	0	20.02	19.94	20.00	20.8	0	
3	QPSK	8	4	19.98	20.03	19.89			
3	QPSK	8	7	19.90	19.95	19.89			
3	QPSK	15	0	19.94	19.93	19.96	20.8	0	
3	16QAM	1	0	19.93	19.99	19.93			
3	16QAM	1	8	19.99	20.00	19.90			
3	16QAM	1	14	19.91	19.92	19.87	20.8	0	
3	16QAM	8	0	19.97	20.04	19.91			
3	16QAM	8	4	19.89	19.97	19.91			
3	16QAM	8	7	19.95	19.94	20.00	20.8	0	
3	16QAM	15	0	19.91	20.01	19.99			
3	64QAM	1	0	19.96	20.03	19.99			
3	64QAM	1	8	19.91	19.97	19.96	20.8	0	
3	64QAM	1	14	19.98	20.02	19.95			
3	64QAM	8	0	19.95	19.96	19.87			
3	64QAM	8	4	20.00	19.97	19.93	20.8	0	
3	64QAM	8	7	20.01	19.94	19.99			
3	64QAM	15	0	19.92	19.93	19.90			
Channel				20407	20525	20643	826.5	836.5 846.3	
Frequency (MHz)									
1.4	QPSK	1	0	20.02	19.95	19.91	20.8	0	
1.4	QPSK	1	3	19.98	19.98	19.91			
1.4	QPSK	1	5	19.99	19.99	19.93			
1.4	QPSK	3	0	20.01	20.01	19.98	20.8	0	
1.4	QPSK	3	1	19.94	19.92	19.90			
1.4	QPSK	3	3	19.98	19.94	19.90			
1.4	QPSK	6	0	19.96	20.03	20.00	20.8	0	
1.4	16QAM	1	0	19.94	20.00	19.90			
1.4	16QAM	1	3	19.95	20.02	19.89			
1.4	16QAM	1	5	19.96	20.03	19.90	20.8	0	
1.4	16QAM	3	0	19.98	19.94	19.87			
1.4	16QAM	3	1	19.93	20.03	19.98			
1.4	16QAM	3	3	19.94	19.91	19.87	20.8	0	
1.4	16QAM	6	0	20.00	19.94	19.96			
1.4	64QAM	1	0	19.89	19.99	19.89			
1.4	64QAM	1	3	19.90	19.93	19.88	20.8	0	
1.4	64QAM	1	5	19.89	19.97	19.90			
1.4	64QAM	3	0	19.96	19.98	19.97			
1.4	64QAM	3	1	20.01	19.91	19.88	20.8	0	
1.4	64QAM	3	3	19.92	20.00	19.97			
1.4	64QAM	6	0	20.01	19.96	19.88			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	14.3	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	13.52	13.62	13.52	14.3	0	
20	QPSK	1	49	13.48	13.44	13.44			
20	QPSK	1	99	13.39	13.54	13.47	14.3	0	
20	QPSK	50	0	13.50	13.60	13.51			
20	QPSK	50	24	13.45	13.50	13.44	14.3	0	
20	QPSK	50	50	13.46	13.44	13.45			
20	QPSK	100	0	13.47	13.54	13.46	14.3	0	
20	16QAM	1	0	13.45	13.52	13.39			
20	16QAM	1	49	13.46	13.45	13.46	14.3	0	
20	16QAM	1	99	13.51	13.42	13.39			
20	16QAM	50	0	13.43	13.53	13.40	14.3	0	
20	16QAM	50	24	13.41	13.46	13.41			
20	16QAM	50	50	13.44	13.42	13.46	14.3	0	
20	16QAM	100	0	13.50	13.53	13.47			
20	64QAM	1	0	13.44	13.44	13.38	14.3	0	
20	64QAM	1	49	13.46	13.47	13.41			
20	64QAM	1	99	13.43	13.42	13.36	14.3	0	
20	64QAM	50	0	13.43	13.42	13.37			
20	64QAM	50	24	13.50	13.51	13.43	14.3	0	
20	64QAM	50	50	13.52	13.41	13.38			
20	64QAM	100	0	13.42	13.50	13.44	14.3	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	14.3	0	
15	QPSK	1	0	13.43	13.50	13.40			
15	QPSK	1	37	13.49	13.41	13.42	14.3	0	
15	QPSK	1	74	13.46	13.50	13.44			
15	QPSK	36	0	13.42	13.44	13.49	14.3	0	
15	QPSK	36	20	13.44	13.41	13.38			
15	QPSK	36	39	13.41	13.54	13.44	14.3	0	
15	QPSK	75	0	13.41	13.42	13.48			
15	16QAM	1	0	13.44	13.42	13.37	14.3	0	
15	16QAM	1	37	13.44	13.53	13.37			
15	16QAM	1	74	13.44	13.53	13.49	14.3	0	
15	16QAM	36	0	13.39	13.42	13.40			
15	16QAM	36	20	13.50	13.46	13.47	14.3	0	
15	16QAM	36	39	13.39	13.53	13.38			
15	16QAM	75	0	13.50	13.54	13.47	14.3	0	
15	64QAM	1	0	13.42	13.44	13.38			
15	64QAM	1	37	13.45	13.50	13.38	14.3	0	
15	64QAM	1	74	13.52	13.52	13.40			
15	64QAM	36	0	13.39	13.42	13.43	14.3	0	
15	64QAM	36	20	13.41	13.46	13.43			
15	64QAM	36	39	13.50	13.54	13.44	14.3	0	
15	64QAM	75	0	13.43	13.49	13.48			
Channel				20800	21100	21400	14.3	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	13.43	13.48	13.49	14.3	0	
10	QPSK	1	25	13.48	13.54	13.40			
10	QPSK	1	49	13.42	13.42	13.38	14.3	0	
10	QPSK	25	0	13.41	13.44	13.36			
10	QPSK	25	12	13.41	13.47	13.39	14.3	0	
10	QPSK	25	25	13.40	13.41	13.38			
10	QPSK	50	0	13.52	13.43	13.45	14.3	0	
10	16QAM	1	0	13.44	13.47	13.37			
10	16QAM	1	25	13.49	13.43	13.42	14.3	0	
10	16QAM	1	49	13.50	13.48	13.37			
10	16QAM	25	0	13.46	13.43	13.48	14.3	0	
10	16QAM	25	12	13.42	13.47	13.37			
10	16QAM	25	25	13.51	13.49	13.49	14.3	0	
10	16QAM	50	0	13.50	13.50	13.43			
10	64QAM	1	0	13.48	13.48	13.38	14.3	0	
10	64QAM	1	25	13.43	13.54	13.48			
10	64QAM	1	49	13.40	13.43	13.42	14.3	0	
10	64QAM	25	0	13.51	13.45	13.40			
10	64QAM	25	12	13.46	13.54	13.41	14.3	0	
10	64QAM	25	25	13.39	13.46	13.40			
10	64QAM	50	0	13.40	13.41	13.47	14.3	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	14.3	0	
5	QPSK	1	0	13.41	13.47	13.48			
5	QPSK	1	12	13.47	13.51	13.36	14.3	0	
5	QPSK	1	24	13.44	13.42	13.40			
5	QPSK	12	0	13.52	13.42	13.49	14.3	0	
5	QPSK	12	7	13.44	13.49	13.40			
5	QPSK	12	13	13.50	13.49	13.49	14.3	0	
5	QPSK	25	0	13.51	13.50	13.46			
5	16QAM	1	0	13.42	13.50	13.49	14.3	0	
5	16QAM	1	12	13.50	13.41	13.36			
5	16QAM	1	24	13.43	13.41	13.39	14.3	0	
5	16QAM	12	0	13.47	13.52	13.38			
5	16QAM	12	7	13.42	13.50	13.42	14.3	0	
5	16QAM	12	13	13.40	13.49	13.39			
5	16QAM	25	0	13.42	13.46	13.46	14.3	0	
5	64QAM	1	0	13.51	13.48	13.41			
5	64QAM	1	12	13.45	13.50	13.36	14.3	0	
5	64QAM	1	24	13.40	13.46	13.36			
5	64QAM	12	0	13.50	13.42	13.39	14.3	0	
5	64QAM	12	7	13.44	13.46	13.45			
5	64QAM	12	13	13.48	13.45	13.48	14.3	0	
5	64QAM	25	0	13.42	13.47	13.45			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.13	22.20	22.11	23.1		0
20	QPSK	1	49	22.02	22.07	22.08			
20	QPSK	1	99	22.02	22.03	22.00			
20	QPSK	50	0	22.16	22.15	22.09	23.1		0
20	QPSK	50	24	22.02	22.03	22.07			
20	QPSK	50	50	22.11	22.07	22.08			
20	QPSK	100	0	22.11	22.14	22.08	23.1		0
20	16QAM	1	0	22.02	22.01	22.01			
20	16QAM	1	49	22.14	22.01	22.08			
20	16QAM	1	99	22.09	22.05	22.07	23.1		0
20	16QAM	50	0	21.18	21.13	21.22			
20	16QAM	50	24	21.23	21.14	21.19			
20	16QAM	50	50	21.22	21.20	21.29	22.1		1
20	16QAM	100	0	21.17	21.16	21.25			
20	64QAM	1	0	21.35	21.36	21.28			
20	64QAM	1	49	21.44	21.39	21.29	22.1		1
20	64QAM	1	99	21.43	21.34	21.57			
20	64QAM	50	0	20.20	20.14	20.24			
20	64QAM	50	24	20.26	20.16	20.27	21.1		2
20	64QAM	50	50	20.23	20.20	20.34			
20	64QAM	100	0	20.20	20.19	20.28			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.15	21.99	22.03	23.1		0
15	QPSK	1	37	22.06	22.01	22.04			
15	QPSK	1	74	22.05	22.00	22.01			
15	QPSK	36	0	22.04	21.99	22.08	23.1		0
15	QPSK	36	20	22.06	22.08	22.00			
15	QPSK	36	39	22.02	22.03	22.03			
15	QPSK	75	0	22.02	21.97	22.10	23.1		0
15	16QAM	1	0	22.10	21.97	22.10			
15	16QAM	1	37	22.04	21.97	22.06			
15	16QAM	1	74	22.12	22.00	22.11	22.1		1
15	16QAM	36	0	21.12	21.06	21.10			
15	16QAM	36	20	21.17	20.99	21.14			
15	16QAM	36	39	21.17	21.14	21.19	22.1		1
15	16QAM	75	0	21.10	21.05	21.18			
15	64QAM	1	0	21.22	21.26	21.12			
15	64QAM	1	37	21.28	21.29	21.14	21.1		2
15	64QAM	1	74	21.34	21.13	21.47			
15	64QAM	36	0	20.05	20.01	20.08			
15	64QAM	36	20	20.15	20.05	20.20	21.1		2
15	64QAM	36	39	20.07	20.12	20.21			
15	64QAM	75	0	20.13	20.05	20.13			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2550	2585	2620			
10	QPSK	1	0	22.10	22.05	22.10	23.1		0
10	QPSK	1	25	22.03	22.04	22.11			
10	QPSK	1	49	22.11	22.00	21.99			
10	QPSK	25	0	22.04	22.00	21.98	23.1		0
10	QPSK	25	12	22.15	22.05	21.99			
10	QPSK	25	25	22.14	22.02	22.01			
10	QPSK	50	0	22.03	21.96	22.07	23.1		0
10	16QAM	1	0	22.08	21.98	22.07			
10	16QAM	25	0	22.07	22.05	22.04			
10	16QAM	1	49	22.08	22.05	22.03	22.1		1
10	16QAM	25	0	21.15	21.04	21.12			
10	16QAM	25	12	21.20	21.04	21.09			
10	16QAM	25	25	21.18	21.15	21.17	22.1		1
10	16QAM	50	0	21.12	21.09	21.13			
10	64QAM	1	0	21.30	21.21	21.20			
10	64QAM	1	25	21.36	21.35	21.15	22.1		1
10	64QAM	1	49	21.33	21.19	21.49			
10	64QAM	25	0	20.04	20.02	20.18			
10	64QAM	25	12	20.16	20.09	20.19	21.1		2
10	64QAM	25	25	20.10	20.05	20.29			
10	64QAM	50	0	20.07	20.05	20.20			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	22.13	21.98	22.03	23.1		0
5	QPSK	1	12	22.04	22.08	22.03			
5	QPSK	1	24	22.13	22.06	21.98			
5	QPSK	12	0	22.13	22.07	21.98	23.1		0
5	QPSK	12	7	22.13	22.04	22.09			
5	QPSK	12	13	22.03	22.05	22.08			
5	QPSK	25	0	22.08	22.07	22.09	23.1		0
5	16QAM	1	0	22.07	22.08	22.09			
5	16QAM	1	12	22.02	22.05	22.03			
5	16QAM	1	24	22.05	21.96	22.07	22.1		1
5	16QAM	12	0	21.13	21.05	21.16			
5	16QAM	12	7	21.18	21.06	21.11			
5	16QAM	12	13	21.16	21.05	21.24	22.1		1
5	16QAM	25	0	21.13	21.07	21.14			
5	64QAM	1	0	21.21	21.27	21.20			
5	64QAM	1	12	21.37	21.34	21.19	22.1		1
5	64QAM	1	24	21.32	21.12	21.51			
5	64QAM	12	0	20.09	20.09	20.19			
5	64QAM	12	7	20.21	20.10	20.16	21.1		2
5	64QAM	12	13	20.14	20.08	20.29			
5	64QAM	25	0	20.07	20.12	20.23			

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	22.8	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	21.79	21.95	21.83			
10	QPSK	1	25	21.65	21.70	21.81			
10	QPSK	1	49	21.72	21.68	21.72	22.8	0	
10	QPSK	25	0	21.87	21.85	21.76			
10	QPSK	25	12	21.72	21.66	21.69			
10	QPSK	25	25	21.73	21.74	21.75			
10	QPSK	50	0	21.72	21.77	21.76	22.8	0	
10	16QAM	1	0	21.63	21.65	21.73			
10	16QAM	1	25	21.84	21.63	21.74			
10	16QAM	1	49	21.70	21.66	21.76			
10	16QAM	25	0	21.75	21.88	21.81	22.8	0	
10	16QAM	25	12	21.64	21.66	21.73			
10	16QAM	25	25	21.79	21.64	21.82			
10	16QAM	50	0	21.79	21.77	21.70			
10	64QAM	1	0	21.71	21.69	21.66	22.8	0	
10	64QAM	1	25	21.82	21.64	21.72			
10	64QAM	1	49	21.84	21.67	21.65			
10	64QAM	25	0	20.87	20.91	20.90			
10	64QAM	25	12	20.94	20.93	20.89	21.8	1	
10	64QAM	25	25	20.96	20.92	20.91			
10	64QAM	50	0	20.93	20.93	20.93			
Channel				23035	23095	23155	22.8	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	21.87	21.89	21.82			
5	QPSK	1	12	21.67	21.79	21.80			
5	QPSK	1	24	21.69	21.65	21.73	22.8	0	
5	QPSK	12	0	21.85	21.80	21.81			
5	QPSK	12	7	21.84	21.73	21.73			
5	QPSK	12	13	21.77	21.70	21.71			
5	QPSK	25	0	21.83	21.86	21.76	22.8	0	
5	16QAM	1	0	21.65	21.62	21.62			
5	16QAM	1	12	21.83	21.66	21.73			
5	16QAM	1	24	21.74	21.67	21.79			
5	16QAM	12	0	21.84	21.86	21.79	22.8	0	
5	16QAM	12	7	21.76	21.73	21.73			
5	16QAM	12	13	21.75	21.80	21.75			
5	16QAM	25	0	21.77	21.86	21.82			
5	64QAM	1	0	21.73	21.69	21.71	22.8	0	
5	64QAM	1	12	21.77	21.72	21.81			
5	64QAM	1	24	21.77	21.68	21.76			
5	64QAM	12	0	20.72	20.77	20.85			
5	64QAM	12	7	20.85	20.82	20.78	21.8	1	
5	64QAM	12	13	20.94	20.84	20.89			
5	64QAM	25	0	20.88	20.79	20.86			
Channel				23025	23095	23165	22.8	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	21.82	21.93	21.84			
3	QPSK	1	8	21.71	21.74	21.75			
3	QPSK	1	14	21.74	21.68	21.69	22.8	0	
3	QPSK	8	0	21.84	21.85	21.75			
3	QPSK	8	4	21.82	21.71	21.81			
3	QPSK	8	7	21.83	21.76	21.82			
3	QPSK	15	0	21.80	21.81	21.75	22.8	0	
3	16QAM	1	0	21.65	21.66	21.65			
3	16QAM	1	8	21.75	21.74	21.71			
3	16QAM	1	14	21.76	21.74	21.74			
3	16QAM	8	0	21.81	21.80	21.75	22.8	0	
3	16QAM	8	4	21.76	21.73	21.69			
3	16QAM	8	7	21.84	21.69	21.78			
3	16QAM	15	0	21.79	21.80	21.73			
3	64QAM	1	0	21.69	21.75	21.72	22.8	0	
3	64QAM	1	8	21.84	21.71	21.71			
3	64QAM	1	14	21.71	21.68	21.77			
3	64QAM	8	0	20.86	20.86	20.79			
3	64QAM	8	4	20.75	20.92	20.82	21.8	1	
3	64QAM	8	7	20.89	20.79	20.90			
3	64QAM	15	0	20.92	20.92	20.82			
Channel				23017	23095	23173	22.8	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	21.81	21.93	21.82			
1.4	QPSK	1	3	21.70	21.71	21.82			
1.4	QPSK	1	5	21.64	21.77	21.63	22.8	0	
1.4	QPSK	3	0	21.77	21.90	21.79			
1.4	QPSK	3	1	21.68	21.75	21.81			
1.4	QPSK	3	3	21.63	21.68	21.61			
1.4	QPSK	6	0	21.82	21.76	21.76	22.8	0	
1.4	16QAM	1	0	21.76	21.66	21.71			
1.4	16QAM	1	3	21.74	21.77	21.78			
1.4	16QAM	1	5	21.75	21.83	21.75			
1.4	16QAM	3	0	21.70	21.62	21.72	22.8	0	
1.4	16QAM	3	1	21.80	21.69	21.79			
1.4	16QAM	3	3	21.72	21.76	21.74			
1.4	16QAM	6	0	21.77	21.85	21.82			
1.4	64QAM	1	0	21.83	21.69	21.72	22.8	0	
1.4	64QAM	1	3	21.73	21.77	21.73			
1.4	64QAM	1	5	21.73	21.83	21.82			
1.4	64QAM	3	0	21.73	21.74	21.74			
1.4	64QAM	3	1	21.78	21.71	21.77	21.8	1	
1.4	64QAM	3	3	21.81	21.74	21.81			
1.4	64QAM	6	0	20.82	20.81	20.80			

Band 13_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			24.8	0	
Frequency (MHz)				782					
10	QPSK	1	0		23.98				
10	QPSK	1	25		23.94				
10	QPSK	1	49		23.90		23.8	1	
10	QPSK	25	0		22.97				
10	QPSK	25	12		22.89				
10	QPSK	25	25		22.92				
10	QPSK	50	0		22.90		23.8	1	
10	16QAM	1	0		23.10				
10	16QAM	1	25		23.15				
10	16QAM	1	49		23.13				
10	16QAM	25	0		21.93		22.8	2	
10	16QAM	25	12		21.91				
10	16QAM	25	25		21.96				
10	16QAM	50	0		21.94				
10	64QAM	1	0		22.07		22.8	2	
10	64QAM	1	25		22.07				
10	64QAM	1	49		22.12				
10	64QAM	25	0		20.91				
10	64QAM	25	12		20.90		21.8	3	
10	64QAM	25	25		20.94				
10	64QAM	50	0		20.93				
Channel				23205	23230	23255	24.8	0	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	23.83	23.89	23.89			
5	QPSK	1	12	23.86	23.84	23.89			
5	QPSK	1	24	23.80	23.74	23.85	23.8	0	
5	QPSK	12	0	22.88	22.83	22.83			
5	QPSK	12	7	22.77	22.77	22.76			
5	QPSK	12	13	22.87	22.79	22.83			
5	QPSK	25	0	22.81	22.80	22.82	23.8	1	
5	16QAM	1	0	22.96	23.01	23.01			
5	16QAM	1	12	23.08	23.03	23.04			
5	16QAM	1	24	23.05	23.07	23.08			
5	16QAM	12	0	21.90	21.77	21.94	22.8	2	
5	16QAM	12	7	21.83	21.79	21.82			
5	16QAM	12	13	21.92	21.81	21.87	22.8	2	
5	16QAM	25	0	21.89	21.85	21.88			
5	64QAM	1	0	22.02	22.00	22.00			
5	64QAM	1	12	22.02	21.98	21.96			
5	64QAM	1	24	22.02	21.99	21.97	21.8	3	
5	64QAM	12	0	20.82	20.84	20.76			
5	64QAM	12	7	20.85	20.74	20.81			
5	64QAM	12	13	20.78	20.84	20.79			
5	64QAM	25	0	20.88	20.84	20.79			

Band 17_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.83	23.85	23.82	24.8	0	
10	QPSK	1	25	23.68	23.78	23.76			
10	QPSK	1	49	23.82	23.81	23.81	23.8	1	
10	QPSK	25	0	22.83	22.85	22.82			
10	QPSK	25	12	22.75	22.76	22.77	23.8	1	
10	QPSK	25	25	22.80	22.81	22.81			
10	QPSK	50	0	22.79	22.82	22.76	23.8	1	
10	16QAM	1	0	22.93	23.03	22.94			
10	16QAM	1	25	23.06	23.01	23.01	22.8	2	
10	16QAM	1	49	23.07	23.02	22.99			
10	16QAM	25	0	21.73	21.73	21.71	21.8	3	
10	16QAM	25	12	21.72	21.74	21.73			
10	16QAM	25	25	21.79	21.79	21.78	22.8	2	
10	16QAM	50	0	21.79	21.77	21.74			
10	64QAM	1	0	21.84	21.93	21.83	22.8	2	
10	64QAM	1	25	21.96	21.96	21.93			
10	64QAM	1	49	21.98	21.97	21.93	21.8	3	
10	64QAM	25	0	20.72	20.70	20.69			
10	64QAM	25	12	20.71	20.74	20.73	21.8	3	
10	64QAM	25	25	20.77	20.80	20.75			
10	64QAM	50	0	20.75	20.75	20.72	21.8	3	
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.72	23.76	23.72	24.8	0	
5	QPSK	1	12	23.59	23.64	23.63			
5	QPSK	1	24	23.76	23.72	23.70	23.8	1	
5	QPSK	12	0	22.69	22.71	22.71			
5	QPSK	12	7	22.65	22.64	22.65	23.8	1	
5	QPSK	12	13	22.65	22.76	22.74			
5	QPSK	25	0	22.63	22.74	22.69	23.8	1	
5	16QAM	1	0	22.82	22.87	22.85			
5	16QAM	1	12	22.97	22.98	22.91	22.8	2	
5	16QAM	1	24	22.93	22.88	22.83			
5	16QAM	12	0	21.70	21.57	21.55	22.8	2	
5	16QAM	12	7	21.65	21.66	21.68			
5	16QAM	12	13	21.71	21.74	21.68	22.8	2	
5	16QAM	25	0	21.75	21.63	21.58			
5	64QAM	1	0	21.74	21.84	21.78	22.8	2	
5	64QAM	1	12	21.89	21.81	21.87			
5	64QAM	1	24	21.87	21.86	21.85	21.8	3	
5	64QAM	12	0	20.57	20.59	20.54			
5	64QAM	12	7	20.55	20.67	20.64	21.8	3	
5	64QAM	12	13	20.70	20.66	20.63			
5	64QAM	25	0	20.63	20.67	20.63			

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	21.88	21.95	21.85	22.8	0	
10	QPSK	1	25	21.70	21.79	21.77			
10	QPSK	1	49	21.84	21.74	21.66	22.8	0	
10	QPSK	25	0	21.94	21.85	21.82			
10	QPSK	25	12	21.74	21.73	21.81	22.8	0	
10	QPSK	25	25	21.73	21.70	21.78			
10	QPSK	50	0	21.81	21.83	21.74	22.8	0	
10	16QAM	1	0	21.74	21.70	21.71			
10	16QAM	1	25	21.84	21.74	21.80	22.8	0	
10	16QAM	1	49	21.78	21.75	21.71			
10	16QAM	25	0	21.77	21.88	21.78	22.8	0	
10	16QAM	25	12	21.75	21.73	21.80			
10	16QAM	25	25	21.85	21.76	21.78	22.8	0	
10	16QAM	50	0	21.78	21.77	21.73			
10	64QAM	1	0	21.76	21.65	21.65	22.8	0	
10	64QAM	1	25	21.85	21.73	21.69			
10	64QAM	1	49	21.75	21.68	21.68	21.8	1	
10	64QAM	25	0	20.82	20.80	20.79			
10	64QAM	25	12	20.83	20.80	20.79	21.8	1	
10	64QAM	25	25	20.83	20.79	20.77			
10	64QAM	50	0	20.82	20.80	20.78	21.8	1	
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	21.86	21.93	21.76	22.8	0	
5	QPSK	1	12	21.71	21.73	21.71			
5	QPSK	1	24	21.69	21.71	21.61	22.8	0	
5	QPSK	12	0	21.78	21.86	21.78			
5	QPSK	12	7	21.72	21.75	21.68	22.8	0	
5	QPSK	12	13	21.83	21.77	21.75			
5	QPSK	25	0	21.80	21.81	21.72	22.8	0	
5	16QAM	1	0	21.63	21.72	21.68			
5	16QAM	1	12	21.80	21.63	21.73	22.8	0	
5	16QAM	1	24	21.78	21.67	21.75			
5	16QAM	12	0	21.83	21.79	21.76	22.8	0	
5	16QAM	12	7	21.84	21.72	21.71			
5	16QAM	12	13	21.82	21.89	21.80	21.8	1	
5	16QAM	25	0	21.82	21.75	21.76			
5	64QAM	1	0	21.72	21.67	21.64	22.8	0	
5	64QAM	1	12	21.81	21.63	21.79			
5	64QAM	1	24	21.72	21.79	21.73	21.8	1	
5	64QAM	12	0	20.79	20.71	20.76			
5	64QAM	12	7	20.74	20.77	20.76	21.8	1	
5	64QAM	12	13	20.69	20.64	20.67			
5	64QAM	25	0	20.68	20.65	20.76			

Band 26_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.00	24.03	23.98	24.8	0	
15	QPSK	1	37	23.98	23.95	23.95			
15	QPSK	1	74	23.94	23.98	23.90			
15	QPSK	36	0	22.95	22.95	22.90	23.8	1	
15	QPSK	36	39	22.90	22.85	22.86			
15	QPSK	75	0	22.92	22.93	22.90			
15	16QAM	1	0	23.17	23.18	23.15	23.8	1	
15	16QAM	1	37	23.19	23.19	23.17			
15	16QAM	1	74	23.21	23.11	23.13			
15	16QAM	36	0	21.93	21.95	21.91	22.8	2	
15	16QAM	36	20	21.93	21.92	21.92			
15	16QAM	36	39	21.95	21.90	21.89			
15	16QAM	75	0	21.95	21.95	21.94	22.8	2	
15	64QAM	1	0	22.06	22.09	22.06			
15	64QAM	1	37	22.02	22.06	22.06			
15	64QAM	1	74	22.11	22.01	22.03	22.8	2	
15	64QAM	36	0	20.95	20.96	20.93			
15	64QAM	36	20	20.94	20.92	20.94			
15	64QAM	36	39	20.96	20.91	20.89	21.8	3	
15	64QAM	75	0	20.93	20.93	20.93			
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.94	23.98	23.82	24.8	0	
10	QPSK	1	37	23.98	23.95	23.95			
10	QPSK	1	49	23.98	23.95	23.83			
10	QPSK	25	0	22.85	22.81	22.85	23.8	1	
10	QPSK	25	12	22.70	22.75	22.78			
10	QPSK	25	25	22.79	22.74	22.80			
10	QPSK	50	0	22.87	22.83	22.77	23.8	1	
10	16QAM	1	0	23.09	23.08	23.08			
10	16QAM	1	25	23.12	23.06	23.01			
10	16QAM	1	49	23.11	22.99	23.05	22.8	2	
10	16QAM	25	0	21.88	21.81	21.81			
10	16QAM	25	12	21.86	21.87	21.80			
10	16QAM	25	25	21.93	21.79	21.80	22.8	2	
10	16QAM	50	0	21.92	21.89	21.87			
10	64QAM	1	0	21.97	21.99	21.95			
10	64QAM	1	25	21.91	21.94	21.95	22.8	2	
10	64QAM	1	49	21.95	21.94	21.95			
10	64QAM	25	0	20.80	20.89	20.81			
10	64QAM	25	12	20.80	20.77	20.82	21.8	3	
10	64QAM	25	25	20.86	20.79	20.76			
10	64QAM	50	0	20.81	20.87	20.86			
Channel				26715	26865	27015			
Frequency (MHz)				819.5	831.5	843.5			
5	QPSK	1	0	23.92	23.87	23.89	24.8	0	
5	QPSK	1	12	23.90	23.89	23.82			
5	QPSK	1	24	23.85	23.81	23.82			
5	QPSK	12	0	22.78	22.81	22.82	23.8	1	
5	QPSK	12	7	22.70	22.86	22.70			
5	QPSK	12	13	22.83	22.80	22.78			
5	QPSK	25	0	22.86	22.77	22.85	23.8	1	
5	16QAM	1	0	23.12	23.11	23.00			
5	16QAM	1	12	23.03	23.11	23.05			
5	16QAM	1	24	23.06	22.97	23.01	22.8	2	
5	16QAM	12	0	21.85	21.83	21.76			
5	16QAM	12	7	21.91	21.87	21.81			
5	16QAM	12	13	21.90	21.83	21.79	22.8	2	
5	16QAM	25	0	21.83	21.84	21.84			
5	64QAM	1	0	21.99	21.98	21.91			
5	64QAM	1	12	21.96	21.98	21.93	22.8	2	
5	64QAM	1	24	21.95	21.94	21.96			
5	64QAM	12	0	20.89	20.80	20.80			
5	64QAM	12	7	20.84	20.76	20.82	21.8	3	
5	64QAM	12	13	20.82	20.82	20.84			
5	64QAM	25	0	20.79	20.81	20.77			
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.84	23.88	23.84	24.8	0	
3	QPSK	1	8	23.92	23.82	23.81			
3	QPSK	1	14	23.89	23.72	23.83			
3	QPSK	8	0	22.80	22.86	22.77	23.8	1	
3	QPSK	8	4	22.71	22.66	22.75			
3	QPSK	8	7	22.82	22.75	22.86			
3	QPSK	15	0	22.80	22.78	22.74	22.8	2	
3	16QAM	1	0	23.07	23.07	23.04			
3	16QAM	1	8	23.11	23.04	23.06			
3	16QAM	1	14	23.05	22.96	23.06	22.8	2	
3	16QAM	8	0	21.87	21.85	21.83			
3	16QAM	8	4	21.93	21.83	21.85			
3	16QAM	8	8	21.90	21.81	21.77	21.8	3	
3	16QAM	15	0	21.99	21.81	21.88			
3	64QAM	1	0	21.92	21.99	22.00			
3	64QAM	1	8	21.86	21.94	21.98	22.8	2	
3	64QAM	1	14	22.02	21.89	21.98			
3	64QAM	8	0	20.90	20.87	20.78			
3	64QAM	8	4	20.87	20.85	20.83	21.8	3	
3	64QAM	8	8	20.87	20.82	20.82			
3	64QAM	15	0	20.79	20.82	20.82			
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.86	23.98	23.83	24.8	0	
1.4	QPSK	1	3	23.90	23.88	23.87			
1.4	QPSK	1	5	23.82	23.77	23.85			
1.4	QPSK	3	0	23.85	23.87	23.89	23.8	1	
1.4	QPSK	3	3	23.81	23.80	23.85			
1.4	QPSK	3	3	23.83	23.83	23.83			
1.4	QPSK	6	0	22.77	22.89	22.75	23.8	1	
1.4	16QAM	1	0	23.73	22.68	22.72			
1.4	16QAM	1	3	22.77	22.77	22.70			
1.4	16QAM	1	5	22.87	22.87	22.84	23.8	1	
1.4	16QAM	3	0	23.11	23.10	23.10			
1.4	16QAM	3	3	23.09	23.05	23.05			
1.4	16QAM	3	3	23.16	23.04	23.04	22.8	2	
1.4	16QAM	6	0	21.85	21.85	21.82			
1.4	64QAM	1	0	21.91	21.78	21.81			
1.4	64QAM	1	3	21.93	21.75	21.75	22.8	2	
1.4	64QAM	1	5	21.88	21.88	21.87			
1.4	64QAM	3	0	21.91	21.84	21.98			
1.4	64QAM	3	1	21.88	21.98	21.95	21.8	3	
1.4	64QAM	3	3	21.99	21.91	21.87			
1.4	64QAM	6	0	20.89	20.88	20.81			

Band 26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	20.8	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	20.03	20.10	20.00	20.8	0	
15	QPSK	1	37	19.90	19.83	19.92			
15	QPSK	1	74	19.99	19.92	19.87			
15	QPSK	36	0	19.90	20.02	19.90	20.8	0	
15	QPSK	36	20	19.89	20.01	19.96			
15	QPSK	36	39	19.86	19.91	19.98			
15	QPSK	75	0	19.92	19.95	19.89	20.8	0	
15	16QAM	1	0	19.92	19.90	19.91			
15	16QAM	1	37	19.96	19.96	19.81			
15	16QAM	1	74	19.94	19.92	19.96	20.8	0	
15	16QAM	36	0	19.89	19.83	19.90			
15	16QAM	36	20	19.90	20.05	19.78			
15	16QAM	36	39	19.93	19.94	19.86	20.8	0	
15	16QAM	75	0	19.88	19.92	19.95			
15	64QAM	1	0	19.89	19.92	19.88			
15	64QAM	1	37	19.90	20.00	19.85	20.8	0	
15	64QAM	1	74	19.96	19.87	19.78			
15	64QAM	36	0	19.92	19.81	19.89			
15	64QAM	36	20	19.89	19.93	19.77	20.8	0	
15	64QAM	36	39	19.93	19.98	19.90			
15	64QAM	75	0	19.90	19.98	19.86			
Channel				26740	26865	26990	20.8	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	19.97	20.05	20.00	20.8	0	
10	QPSK	1	25	19.90	19.82	19.89			
10	QPSK	1	49	19.91	19.96	19.85			
10	QPSK	25	0	19.93	19.98	19.96	20.8	0	
10	QPSK	25	12	19.86	19.99	19.90			
10	QPSK	25	25	19.81	19.87	19.97			
10	QPSK	50	0	19.99	19.94	19.87	20.8	0	
10	16QAM	1	0	19.88	19.83	19.88			
10	16QAM	1	25	19.86	19.94	19.84			
10	16QAM	1	49	19.92	19.86	19.85	20.8	0	
10	16QAM	36	0	19.87	19.94	19.77			
10	16QAM	25	12	19.96	19.98	19.80			
10	16QAM	25	25	19.91	19.98	19.80	20.8	0	
10	16QAM	50	0	19.85	19.95	19.91			
10	64QAM	1	0	19.81	19.96	19.89			
10	64QAM	1	25	19.94	20.02	19.86	20.8	0	
10	64QAM	1	49	19.94	19.93	19.88			
10	64QAM	36	0	19.89	19.82	19.85			
10	64QAM	25	12	19.96	19.85	19.76	20.8	0	
10	64QAM	25	25	19.83	19.93	19.87			
10	64QAM	50	0	19.81	20.02	19.95			
Channel				26715	26865	27015	20.8	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	19.88	19.97	20.00	20.8	0	
5	QPSK	1	12	19.87	19.94	19.88			
5	QPSK	1	24	19.94	19.94	19.95			
5	QPSK	12	0	19.90	20.04	19.96	20.8	0	
5	QPSK	12	7	19.85	19.95	19.93			
5	QPSK	12	13	19.94	19.91	19.85			
5	QPSK	25	0	19.97	19.98	19.88	20.8	0	
5	16QAM	1	0	19.99	19.84	19.87			
5	16QAM	1	12	19.92	20.00	19.82			
5	16QAM	1	24	19.88	19.84	19.97	20.8	0	
5	16QAM	12	0	19.96	19.85	19.81			
5	16QAM	12	7	19.90	19.93	19.81			
5	16QAM	12	13	19.96	19.91	19.76	20.8	0	
5	16QAM	25	0	19.78	19.96	19.90			
5	64QAM	1	0	19.84	20.04	19.80			
5	64QAM	1	12	19.98	20.01	19.88	20.8	0	
5	64QAM	1	24	20.00	19.86	19.76			
5	64QAM	12	0	19.89	19.80	19.81			
5	64QAM	12	7	19.83	19.81	19.84	20.8	0	
5	64QAM	12	13	19.91	19.94	19.89			
5	64QAM	25	0	19.87	20.05	19.95			
Channel				26705	26865	27025	20.8	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	20.01	20.08	19.95	20.8	0	
3	QPSK	1	8	19.93	19.95	19.97			
3	QPSK	1	14	19.86	19.90	19.87			
3	QPSK	8	0	19.97	20.06	19.97	20.8	0	
3	QPSK	8	4	19.94	19.99	19.90			
3	QPSK	8	7	19.91	19.82	19.94			
3	QPSK	15	0	19.99	19.95	19.92	20.8	0	
3	16QAM	1	0	19.92	19.90	19.96			
3	16QAM	1	8	19.96	19.99	19.87			
3	16QAM	1	14	19.91	19.88	19.93	20.8	0	
3	16QAM	8	0	19.89	19.88	19.88			
3	16QAM	8	4	19.86	20.05	19.79			
3	16QAM	8	7	19.96	19.92	19.88	20.8	0	
3	16QAM	15	0	19.87	19.98	19.86			
3	64QAM	1	0	19.88	20.01	19.81			
3	64QAM	1	8	19.99	20.02	19.82	20.8	0	
3	64QAM	1	14	20.03	19.87	19.87			
3	64QAM	8	0	19.87	19.90	19.84			
3	64QAM	8	4	19.89	19.84	19.77	20.8	0	
3	64QAM	8	7	19.91	19.94	19.89			
3	64QAM	15	0	19.81	20.05	19.85			
Channel				26697	26865	27033	20.8	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	20.00	20.03	20.00	20.8	0	
1.4	QPSK	1	3	19.95	19.95	19.91			
1.4	QPSK	1	5	19.97	19.91	19.85			
1.4	QPSK	3	0	20.00	19.96	19.92	20.8	0	
1.4	QPSK	3	1	19.92	19.95	19.93			
1.4	QPSK	3	3	19.83	19.84	19.86			
1.4	QPSK	6	0	19.88	19.95	19.81	20.8	0	
1.4	16QAM	1	0	19.94	19.82	19.85			
1.4	16QAM	1	3	19.85	19.99	19.87			
1.4	16QAM	1	5	19.87	19.84	19.85	20.8	0	
1.4	16QAM	3	0	19.88	19.88	19.81			
1.4	16QAM	3	1	19.93	20.05	19.80			
1.4	16QAM	3	3	20.02	19.89	19.79	20.8	0	
1.4	16QAM	6	0	19.82	20.02	19.88			
1.4	64QAM	1	0	19.86	20.00	19.83			
1.4	64QAM	1	3	20.03	20.02	19.89	20.8	0	
1.4	64QAM	1	5	19.94	19.88	19.87			
1.4	64QAM	3	0	19.94	19.91	19.83			
1.4	64QAM	3	1	19.94	19.86	19.80	20.8	0	
1.4	64QAM	3	3	19.88	19.92	19.85			
1.4	64QAM	6	0	19.89	19.99	19.91			

Band 66_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.85	24.15	24.04	24.8	0	
20	QPSK	1	49	23.66	24.10	23.85			
20	QPSK	1	99	23.72	24.00	23.68			
20	QPSK	50	0	22.80	23.05	23.05	23.8	1	
20	QPSK	50	24	22.70	23.07	22.91			
20	QPSK	50	50	22.76	23.03	22.79			
20	QPSK	100	0	22.71	23.04	22.92	23.8	1	
20	16QAM	1	0	22.99	23.24	23.30			
20	16QAM	1	49	22.96	23.40	23.14			
20	16QAM	1	99	23.00	23.30	22.96	22.8	2	
20	16QAM	50	0	21.68	22.07	22.00			
20	16QAM	50	24	21.75	22.02	21.91			
20	16QAM	50	50	21.76	22.02	21.71	21.8	3	
20	16QAM	100	0	21.70	22.02	21.87			
20	64QAM	1	0	21.82	22.05	22.13			
20	64QAM	1	49	21.78	22.21	21.96	22.8	2	
20	64QAM	1	99	21.83	22.10	21.78			
20	64QAM	50	0	20.66	21.06	21.00			
20	64QAM	50	24	20.68	21.05	20.90	21.8	3	
20	64QAM	50	50	20.75	21.03	20.79			
20	64QAM	100	0	20.71	21.03	20.87			
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.73	23.99	23.93	24.8	0	
15	QPSK	1	37	23.61	24.01	23.78			
15	QPSK	1	74	23.60	23.86	23.60			
15	QPSK	36	0	22.68	22.96	22.87	23.8	1	
15	QPSK	36	20	22.54	22.96	22.79			
15	QPSK	36	39	22.63	22.96	22.67			
15	QPSK	75	0	22.83	22.96	22.74	23.8	1	
15	16QAM	1	0	22.94	23.10	23.18			
15	16QAM	1	37	22.80	23.24	23.09			
15	16QAM	1	74	22.86	23.20	22.91	22.8	2	
15	16QAM	36	0	21.65	21.97	21.92			
15	16QAM	36	20	21.63	22.00	21.79			
15	16QAM	36	39	21.73	21.89	21.72	22.8	2	
15	16QAM	75	0	21.67	21.92	21.65			
15	64QAM	1	0	21.72	21.93	22.04			
15	64QAM	1	37	21.69	22.11	21.85	22.8	2	
15	64QAM	1	74	21.78	21.99	21.71			
15	64QAM	36	0	20.57	20.96	20.90			
15	64QAM	36	20	20.52	20.96	20.83	21.8	3	
15	64QAM	36	39	20.66	20.91	20.70			
15	64QAM	75	0	20.63	20.86	20.77			
Channel				132022	132322	132592			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.78	24.07	23.97	24.8	0	
10	QPSK	1	25	23.54	24.05	23.78			
10	QPSK	1	49	23.60	23.88	23.61			
10	QPSK	25	0	22.71	23.00	22.91	23.8	1	
10	QPSK	25	12	22.60	22.94	22.79			
10	QPSK	25	25	22.60	22.92	22.64			
10	QPSK	50	0	22.66	22.92	22.77	23.8	1	
10	16QAM	1	0	22.91	23.18	23.10			
10	16QAM	1	25	22.88	23.31	22.99			
10	16QAM	1	49	22.85	23.20	22.82	22.8	2	
10	16QAM	25	0	21.66	22.02	21.84			
10	16QAM	25	12	21.63	21.99	21.90			
10	16QAM	25	25	21.67	21.89	21.71	22.8	2	
10	16QAM	50	0	21.64	21.90	21.77			
10	64QAM	1	0	21.76	21.91	21.65			
10	64QAM	1	25	21.71	22.14	21.80	21.8	3	
10	64QAM	1	49	21.78	21.95	21.71			
10	64QAM	25	0	20.58	20.98	20.90			
10	64QAM	25	12	20.63	20.96	20.83	21.8	3	
10	64QAM	25	25	20.62	20.88	20.65			
10	64QAM	50	0	20.55	20.92	20.71			
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.78	24.00	23.91	24.8	0	
5	QPSK	1	12	23.52	24.02	23.71			
5	QPSK	1	24	23.60	23.94	23.54			
5	QPSK	12	0	22.68	23.02	22.96	23.8	1	
5	QPSK	12	7	22.63	23.02	22.78			
5	QPSK	12	13	22.64	22.88	22.71			
5	QPSK	25	0	22.59	22.91	22.79	23.8	1	
5	16QAM	1	0	22.89	23.08	23.22			
5	16QAM	1	12	22.90	23.24	23.09			
5	16QAM	1	24	22.84	23.24	22.66	22.8	2	
5	16QAM	12	0	21.64	21.94	21.91			
5	16QAM	12	7	21.62	21.91	21.81			
5	16QAM	12	13	21.71	21.94	21.65	22.8	2	
5	16QAM	25	0	21.65	21.88	21.72			
5	64QAM	1	0	21.73	21.88	22.08			
5	64QAM	1	12	21.70	22.10	21.69	21.8	3	
5	64QAM	1	24	21.70	21.98	21.65			
5	64QAM	12	0	20.52	21.00	20.90			
5	64QAM	12	7	20.55	20.98	20.83	21.8	3	
5	64QAM	12	13	20.64	20.90	20.67			
5	64QAM	25	0	20.66	20.95	20.73			
Channel				131987	132322	132655			
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.70	24.02	23.98	24.8	0	
3	QPSK	1	8	23.60	24.10	23.76			
3	QPSK	1	14	23.58	23.98	23.67			
3	QPSK	8	0	22.84	22.94	22.85	23.8	1	
3	QPSK	8	4	22.55	22.99	22.81			
3	QPSK	8	7	22.65	22.93	22.72			
3	QPSK	15	0	22.62	22.90	22.85	23.8	1	
3	16QAM	1	0	22.92	23.18	23.23			
3	16QAM	1	8	22.90	23.33	23.08			
3	16QAM	1	14	22.96	23.31	22.87	22.8	2	
3	16QAM	8	0	21.62	21.93	21.85			
3	16QAM	8	4	21.65	22.01	21.83			
3	16QAM	8	7	21.67	21.94	21.72	22.8	2	
3	16QAM	15	0	21.62	21.95	21.72			
3	64QAM	1	0	21.69	21.97	22.04			
3	64QAM	1	8	21.71	22.10	21.81	22.8	2	
3	64QAM	1	14	21.75	22.07	21.64			
3	64QAM	8	0	20.63	21.01	20.93			
3	64QAM	8	4	20.62	20.92	20.80	21.8	3	
3	64QAM	8	7	20.69	20.90	20.70			
3	64QAM	15	0	20.62	20.87	20.82			
Channel				131979	132322	132656			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.77	24.01	23.89	24.8	0	
1.4	QPSK	1	3	23.52	23.99	23.79			
1.4	QPSK	1	5	23.65	23.91	23.57			
1.4	QPSK	3	0	23.78	24.06	23.97	23.8	1	
1.4	QPSK	3	3	23.54	23.97	23.07			
1.4	QPSK	3	3	23.67	23.92	23.58			
1.4	QPSK	6	0	22.67	22.94	22.96	23.8	1	
1.4	16QAM	1	0	22.62	22.96	22.78			
1.4	16QAM	1	3	22.67	22.89	22.65			
1.4	16QAM	1	5	22.61	22.98	22.83	23.8	1	
1.4	16QAM	3	0	22.86	23.13	23.05			
1.4	16QAM	3	3	22.91	23.34	23.07			
1.4	16QAM	3	3	22.94	23.17	22.88	22.8	2	
1.4	16QAM	6	0	21.66	22.02	21.87			
1.4	64QAM	1	0	21.62	21.97	21.80			
1.4	64QAM	1	3	21.71	21.86	21.70	22.8	2	
1.4	64QAM	1	5	21.68	21.96	21.76			
1.4	64QAM	3	0	21.73	21.96	22.08			
1.4	64QAM	3	3	21.62	22.06	21.81	21.8	3	
1.4	64QAM	3	3	21.67	22.04	21.68			
1.4	64QAM	6	0	20.61	20.90	20.90			

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	17.93	18.12	18.06	18.8	0	
20	QPSK	1	49	17.58	17.89	17.94			
20	QPSK	1	99	17.73	17.76	17.75			
20	QPSK	50	0	17.58	17.95	17.93	18.8	0	
20	QPSK	50	24	17.64	17.90	17.92			
20	QPSK	50	50	17.63	17.81	17.86			
20	QPSK	100	0	17.63	17.90	17.85	18.8	0	
20	16QAM	1	0	17.63	17.84	17.72			
20	16QAM	1	49	17.62	17.78	17.94			
20	16QAM	1	99	17.67	17.81	17.77	18.8	0	
20	16QAM	50	0	17.58	17.85	17.80			
20	16QAM	50	24	17.69	17.73	17.81			
20	16QAM	50	50	17.52	17.96	17.89	18.8	0	
20	16QAM	100	0	17.67	17.83	17.78			
20	64QAM	1	0	17.60	17.75	17.83			
20	64QAM	1	49	17.63	17.88	17.84	18.8	0	
20	64QAM	1	99	17.60	17.85	17.85			
20	64QAM	50	0	17.68	17.82	17.72			
20	64QAM	50	24	17.55	17.84	17.81	18.8	0	
20	64QAM	50	50	17.65	17.85	17.82			
20	64QAM	100	0	17.61	17.94	17.83			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	17.95	18.08	17.83	18.8	0	
15	QPSK	1	37	17.57	17.84	17.93			
15	QPSK	1	74	17.61	17.80	17.76			
15	QPSK	36	0	17.88	18.02	17.80	18.8	0	
15	QPSK	36	20	17.63	17.82	17.83			
15	QPSK	36	39	17.64	17.87	17.80			
15	QPSK	75	0	17.65	17.90	17.87	18.8	0	
15	16QAM	1	0	17.67	17.85	17.85			
15	16QAM	1	37	17.69	17.79	17.85			
15	16QAM	1	74	17.63	17.89	17.80	18.8	0	
15	16QAM	36	0	17.51	17.79	17.87			
15	16QAM	36	20	17.67	17.79	17.72			
15	16QAM	36	39	17.53	17.91	17.87	18.8	0	
15	16QAM	75	0	17.65	17.93	17.78			
15	64QAM	1	0	17.60	17.75	17.79			
15	64QAM	1	37	17.65	17.78	17.82	18.8	0	
15	64QAM	1	74	17.67	17.93	17.74			
15	64QAM	36	0	17.67	17.83	17.73			
15	64QAM	36	20	17.63	17.72	17.84	18.8	0	
15	64QAM	36	39	17.65	17.78	17.88			
15	64QAM	75	0	17.65	17.82	17.75			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	17.94	17.98	17.96	18.8	0	
10	QPSK	1	25	17.61	17.88	17.81			
10	QPSK	1	49	17.66	17.75	17.77			
10	QPSK	25	0	17.78	18.01	17.95	18.8	0	
10	QPSK	25	12	17.63	17.79	17.94			
10	QPSK	25	25	17.51	17.80	17.91			
10	QPSK	50	0	17.71	17.89	17.76	18.8	0	
10	16QAM	1	0	17.60	17.86	17.80			
10	16QAM	1	25	17.68	17.83	17.89			
10	16QAM	1	49	17.55	17.80	17.75	18.8	0	
10	16QAM	25	0	17.56	17.81	17.87			
10	16QAM	25	12	17.67	17.75	17.83			
10	16QAM	25	25	17.62	17.92	17.85	18.8	0	
10	16QAM	50	0	17.69	17.85	17.77			
10	64QAM	1	0	17.60	17.83	17.81			
10	64QAM	1	25	17.67	17.80	17.93	18.8	0	
10	64QAM	1	49	17.68	17.84	17.82			
10	64QAM	25	0	17.60	17.84	17.81			
10	64QAM	25	12	17.66	17.79	17.75	18.8	0	
10	64QAM	25	25	17.64	17.79	17.85			
10	64QAM	50	0	17.65	17.85	17.72			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	17.82	17.99	17.93	18.8	0	
5	QPSK	1	12	17.63	17.95	17.83			
5	QPSK	1	24	17.73	17.87	17.77			
5	QPSK	12	0	17.82	17.99	17.94	18.8	0	
5	QPSK	12	7	17.51	17.86	17.81			
5	QPSK	12	13	17.56	17.87	17.91			
5	QPSK	25	0	17.65	17.94	17.79	18.8	0	
5	16QAM	1	0	17.66	17.85	17.82			
5	16QAM	1	12	17.66	17.84	17.82			
5	16QAM	1	24	17.54	17.88	17.82	18.8	0	
5	16QAM	12	0	17.58	17.78	17.78			
5	16QAM	12	7	17.62	17.71	17.72			
5	16QAM	12	13	17.63	17.85	17.89	18.8	0	
5	16QAM	25	0	17.66	17.85	17.81			
5	64QAM	1	0	17.61	17.78	17.82			
5	64QAM	1	12	17.56	17.87	17.91	18.8	0	
5	64QAM	1	24	17.70	17.85	17.80			
5	64QAM	12	0	17.67	17.86	17.89			
5	64QAM	12	7	17.60	17.75	17.67	18.8	0	
5	64QAM	12	13	17.54	17.76	17.78			
5	64QAM	25	0	17.56	17.91	17.72			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	17.89	18.07	17.93	18.8	0	
3	QPSK	1	8	17.61	17.95	17.88			
3	QPSK	1	14	17.70	17.86	17.82			
3	QPSK	8	0	17.89	17.95	17.93	18.8	0	
3	QPSK	8	4	17.60	17.90	17.87			
3	QPSK	8	7	17.59	17.84	17.82			
3	QPSK	15	0	17.73	17.92	17.89	18.8	0	
3	16QAM	1	0	17.68	17.79	17.73			
3	16QAM	1	8	17.60	17.75	17.92			
3	16QAM	1	14	17.66	17.84	17.79	18.8	0	
3	16QAM	8	0	17.54	17.77	17.81			
3	16QAM	8	4	17.71	17.74	17.80			
3	16QAM	8	7	17.56	17.88	17.88	18.8	0	
3	16QAM	15	0	17.76	17.82	17.86			
3	64QAM	1	0	17.58	17.73	17.84			
3	64QAM	1	8	17.59	17.76	17.91	18.8	0	
3	64QAM	1	14	17.65	17.94	17.77			
3	64QAM	8	0	17.68	17.90	17.70			
3	64QAM	8	4	17.58	17.81	17.81	18.8	0	
3	64QAM	8	7	17.61	17.75	17.90			
3	64QAM	15	0	17.56	17.88	17.74			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	17.83	17.98	17.94	18.8	0	
1.4	QPSK	1	3	17.68	17.87	17.90			
1.4	QPSK	1	5	17.61	17.86	17.74			
1.4	QPSK	3	0	17.82	18.03	17.85	18.8	0	
1.4	QPSK	3	1	17.56	17.80	17.93			
1.4	QPSK	3	3	17.58	17.80	17.92			
1.4	QPSK	6	0	17.72	17.94	17.80	18.8	0	
1.4	16QAM	1	0	17.69	17.87	17.84	18.8	0	
1.4	16QAM	1	3	17.67	17.87	17.91			
1.4	16QAM	1	5	17.63	17.85	17.88			
1.4	16QAM	3	0	17.53	17.92	17.85	18.8	0	
1.4	16QAM	3	1	17.54	17.72	17.78			
1.4	16QAM	3	3	17.55	17.85	17.76			
1.4	16QAM	6	0	17.72	17.82	17.76	18.8	0	
1.4	64QAM	1	0	17.56	17.74	17.78			
1.4	64QAM	1	3	17.56	17.76	17.92			
1.4	64QAM	1	5	17.67	17.81	17.86	18.8	0	
1.4	64QAM	3	0	17.61	17.89	17.89			
1.4	64QAM	3	1	17.54	17.72	17.88			
1.4	64QAM	3	3	17.54	17.72	17.81	18.8	0	
1.4	64QAM	6	0	17.57	17.86	17.73			

Band 38_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	24.37	24.40	24.30	24.8	0		
20	QPSK	1	49	24.35	24.26	24.20				
20	QPSK	1	99	24.31	24.19	24.18				
20	QPSK	50	0	23.34	23.37	23.25	23.8	1		
20	QPSK	50	24	23.32	23.20	23.14				
20	QPSK	50	50	23.30	23.20	23.15				
20	QPSK	100	0	23.30	23.35	23.14	23.8	1		
20	16QAM	1	0	23.30	23.21	23.15				
20	16QAM	1	49	23.34	23.23	23.17				
20	16QAM	1	99	23.32	23.22	23.19	22.8	2		
20	16QAM	50	0	22.34	22.20	22.14				
20	16QAM	50	24	22.35	22.22	22.16				
20	16QAM	50	50	22.34	22.24	22.16	22.8	2		
20	16QAM	100	0	22.32	22.20	22.15				
20	64QAM	1	0	22.08	21.94	21.90				
20	64QAM	1	49	22.12	21.96	21.95	22.8	2		
20	64QAM	1	99	22.08	21.84	21.84				
20	64QAM	50	0	21.30	21.17	21.11				
20	64QAM	50	24	21.32	21.18	21.13	21.8	3		
20	64QAM	50	50	21.32	21.20	21.12				
20	64QAM	100	0	21.32	21.17	21.12				
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2577.5	2595	2612.5				
15	QPSK	1	0	24.28	24.27	24.21	24.8	0		
15	QPSK	1	37	24.30	24.10	24.07				
15	QPSK	1	74	24.23	24.07	24.04				
15	QPSK	36	0	23.26	23.23	23.19	23.8	1		
15	QPSK	36	20	23.24	23.10	23.09				
15	QPSK	36	39	23.18	23.09	23.07				
15	QPSK	75	0	23.24	23.30	22.98	23.8	1		
15	16QAM	1	0	23.18	23.07	23.02				
15	16QAM	1	37	23.24	23.14	23.09				
15	16QAM	1	74	23.19	23.15	23.08	22.8	2		
15	16QAM	36	0	22.27	22.13	22.00				
15	16QAM	36	20	22.30	22.12	22.02				
15	16QAM	36	39	22.31	22.12	22.06	22.8	2		
15	16QAM	75	0	22.26	22.04	22.10				
15	64QAM	1	0	22.01	21.87	21.77				
15	64QAM	1	37	22.04	21.83	21.79	22.8	2		
15	64QAM	1	74	21.95	21.82	21.81				
15	64QAM	36	0	21.16	21.02	20.99				
15	64QAM	36	20	21.21	21.08	21.08	21.8	3		
15	64QAM	36	39	21.18	21.04	21.07				
15	64QAM	75	0	21.22	21.10	21.00				
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2575	2595	2615				
10	QPSK	1	0	24.24	24.30	24.15	24.8	0		
10	QPSK	1	25	24.24	24.11	24.15				
10	QPSK	1	49	24.26	24.03	24.11				
10	QPSK	25	0	23.21	23.23	23.09	23.8	1		
10	QPSK	25	12	23.21	23.09	23.05				
10	QPSK	25	25	23.20	23.07	23.05				
10	QPSK	50	0	23.23	23.20	23.06	23.8	1		
10	16QAM	1	0	23.17	23.13	23.09				
10	16QAM	1	25	23.18	23.08	23.12				
10	16QAM	1	49	23.24	23.11	23.07	22.8	2		
10	16QAM	25	0	22.31	22.14	21.99				
10	16QAM	25	12	22.30	22.13	22.04				
10	16QAM	25	25	22.28	22.07	22.02	22.8	2		
10	16QAM	50	0	22.26	22.05	21.99				
10	64QAM	1	0	21.98	21.86	21.76				
10	64QAM	1	25	22.00	21.86	21.88	22.8	2		
10	64QAM	1	49	22.00	21.81	21.89				
10	64QAM	25	0	21.22	21.11	21.03				
10	64QAM	25	12	21.20	21.07	21.05	21.8	3		
10	64QAM	25	25	21.26	21.07	20.99				
10	64QAM	50	0	21.23	21.05	20.96				
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	24.22	24.31	24.21	24.8	0		
5	QPSK	1	12	24.30	24.11	24.10				
5	QPSK	1	24	24.24	24.03	24.13				
5	QPSK	12	0	23.18	23.31	23.10	23.8	1		
5	QPSK	12	7	23.25	23.14	23.01				
5	QPSK	12	13	23.24	23.15	23.04				
5	QPSK	25	0	23.14	23.24	22.99	23.8	1		
5	16QAM	1	0	23.15	23.15	23.00				
5	16QAM	1	12	23.19	23.13	23.05				
5	16QAM	1	24	23.23	23.14	23.14	22.8	2		
5	16QAM	12	0	22.28	22.05	22.01				
5	16QAM	12	7	22.33	22.13	22.07				
5	16QAM	12	13	22.26	22.15	22.10	22.8	2		
5	16QAM	25	0	22.26	22.05	22.05				
5	64QAM	1	0	21.94	21.84	21.80				
5	64QAM	1	12	22.04	21.84	21.82	22.8	2		
5	64QAM	1	24	21.96	21.80	21.89				
5	64QAM	12	0	21.22	21.11	21.00				
5	64QAM	12	7	21.22	21.08	21.03	21.8	3		
5	64QAM	12	13	21.20	21.04	20.99				
5	64QAM	25	0	21.23	21.08	20.97				

Band 38_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	15.75	15.97	15.86	16.8	0		
20	QPSK	1	49	15.72	15.51	15.57				
20	QPSK	1	99	15.59	15.56	15.53				
20	QPSK	50	0	15.67	15.82	15.75	16.8	0		
20	QPSK	50	24	15.52	15.68	15.65				
20	QPSK	50	50	15.60	15.62	15.62				
20	QPSK	100	0	15.63	15.72	15.46	16.8	0		
20	16QAM	1	0	15.63	15.72	15.55				
20	16QAM	1	49	15.70	15.62	15.46				
20	16QAM	1	99	15.68	15.57	15.58	16.8	0		
20	16QAM	50	0	15.64	15.46	15.42				
20	16QAM	50	24	15.63	15.57	15.45				
20	16QAM	50	50	15.66	15.61	15.61	16.8	0		
20	16QAM	100	0	15.56	15.62	15.72				
20	64QAM	1	0	15.59	15.68	15.49				
20	64QAM	1	49	15.66	15.62	15.62	16.8	0		
20	64QAM	1	99	15.57	15.55	15.46	16.8	0		
20	64QAM	50	0	15.54	15.51	15.55				
20	64QAM	50	24	15.52	15.66	15.47				
20	64QAM	50	50	15.58	15.58	15.58	16.8	0		
20	64QAM	100	0	15.49	15.68	15.54				
Channel				37825	38000	38175				
Frequency (MHz)				2617.5	2595	2612.5				
15	QPSK	1	0	15.77	15.77	15.68	16.8	0		
15	QPSK	1	37	15.62	15.53	15.58				
15	QPSK	1	74	15.65	15.61	15.47				
15	QPSK	36	0	15.64	15.77	15.75	16.8	0		
15	QPSK	36	20	15.47	15.71	15.53				
15	QPSK	36	39	15.54	15.59	15.67				
15	QPSK	75	0	15.45	15.59	15.45	16.8	0		
15	16QAM	1	0	15.71	15.63	15.66				
15	16QAM	1	37	15.66	15.71	15.42				
15	16QAM	1	74	15.71	15.55	15.63	16.8	0		
15	16QAM	36	0	15.65	15.50	15.44				
15	16QAM	36	20	15.61	15.61	15.46				
15	16QAM	36	39	15.64	15.73	15.52	16.8	0		
15	16QAM	75	0	15.46	15.60	15.65				
15	16QAM	75	20	15.59	15.68	15.58				
15	64QAM	1	37	15.63	15.59	15.53	16.8	0		
15	64QAM	1	74	15.65	15.54	15.36				
15	64QAM	36	0	15.59	15.48	15.64				
15	64QAM	36	20	15.58	15.56	15.44	16.8	0		
15	64QAM	36	39	15.63	15.65	15.54				
15	64QAM	75	0	15.53	15.68	15.59				
Channel				37800	38000	38200				
Frequency (MHz)				2375	2395	2415				
10	QPSK	1	0	15.72	15.86	15.76	16.8	0		
10	QPSK	1	25	15.68	15.61	15.69				
10	QPSK	1	49	15.63	15.69	15.53				
10	QPSK	25	0	15.68	15.74	15.74	16.8	0		
10	QPSK	25	12	15.62	15.74	15.63				
10	QPSK	25	25	15.59	15.51	15.75				
10	QPSK	50	0	15.65	15.68	15.46	16.8	0		
10	16QAM	1	0	15.63	15.72	15.59				
10	16QAM	1	25	15.67	15.64	15.44				
10	16QAM	1	49	15.60	15.51	15.68	16.8	0		
10	16QAM	25	0	15.70	15.46	15.53				
10	16QAM	25	12	15.65	15.56	15.50				
10	16QAM	25	25	15.62	15.69	15.48	16.8	0		
10	16QAM	50	0	15.56	15.56	15.48				
10	64QAM	1	0	15.58	15.62	15.48				
10	64QAM	1	25	15.68	15.66	15.53	16.8	0		
10	64QAM	1	49	15.59	15.45	15.45				
10	64QAM	25	0	15.54	15.42	15.67				
10	64QAM	25	12	15.53	15.63	15.51	16.8	0		
10	64QAM	25	25	15.71	15.69	15.60				
10	64QAM	50	0	15.58	15.58	15.53				
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5				
5	QPSK	1	0	15.72	15.86	15.63	16.8	0		
5	QPSK	1	12	15.70	15.52	15.63				
5	QPSK	1	24	15.68	15.61	15.54				
5	QPSK	12	0	15.59	15.82	15.73	16.8	0		
5	QPSK	12	7	15.49	15.68	15.55				
5	QPSK	12	13	15.48	15.53	15.69				
5	QPSK	25	0	15.60	15.60	15.48	16.8	0		
5	16QAM	1	0	15.64	15.67	15.56				
5	16QAM	1	12	15.58	15.64	15.46				
5	16QAM	1	24	15.59	15.57	15.72	16.8	0		
5	16QAM	12	0	15.65	15.52	15.83				
5	16QAM	12	7	15.57	15.56	15.46				
5	16QAM	12	13	15.73	15.64	15.53	16.8	0		
5	16QAM	25	0	15.47	15.71	15.71				
5	64QAM	1	0	15.46	15.72	15.50				
5	64QAM	1	12	15.61	15.67	15.50	16.8	0		
5	64QAM	1	24	15.70	15.53	15.37				
5	64QAM	12	0	15.57	15.57	15.62				
5	64QAM	12	7	15.57	15.55	15.52	16.8	0		
5	64QAM	12	13	15.62	15.69	15.51				
5	64QAM	25	0	15.57	15.57	15.59				

Band 41_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	24.28	24.44	24.45	24.20	24.15	24.8	0	
20	QPSK	1	49	24.22	24.34	24.38	24.16	24.05			
20	QPSK	1	99	24.25	24.42	24.30	24.17	24.11			
20	QPSK	50	0	23.28	23.38	23.40	23.25	23.15			
20	QPSK	50	24	23.20	23.29	23.31	23.22	23.08	23.8	1	
20	QPSK	50	50	23.25	23.35	23.30	23.19	23.11			
20	QPSK	100	0	23.20	23.31	23.33	23.19	23.08			
20	16QAM	1	0	23.05	23.25	23.34	23.14	22.99			
20	16QAM	1	49	23.24	23.32	23.39	23.18	23.08	23.8	1	
20	16QAM	1	99	23.29	23.46	23.29	23.21	23.17			
20	16QAM	50	0	22.11	22.25	22.35	22.18	22.02			
20	16QAM	50	24	22.21	22.29	22.31	22.22	22.09			
20	16QAM	50	50	22.27	22.37	22.31	22.21	22.14	22.8	2	
20	16QAM	100	0	22.20	22.31	22.32	22.21	22.08			
20	64QAM	1	0	21.78	21.92	22.06	21.86	21.73			
20	64QAM	1	49	21.97	22.05	22.08	21.95	21.81			
20	64QAM	1	99	22.01	22.15	22.02	21.95	21.89	22.8	2	
20	64QAM	50	0	21.13	21.23	21.34	21.18	21.03			
20	64QAM	50	24	21.23	21.27	21.32	21.21	21.11			
20	64QAM	50	50	21.28	21.35	21.31	21.21	21.14			
20	64QAM	100	0	21.22	21.29	21.33	21.21	21.10	21.8	3	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	24.13	24.30	24.39	24.09	24.03	24.8	0	
15	QPSK	1	37	24.13	24.26	24.28	24.01	23.91			
15	QPSK	1	74	24.11	24.35	24.17	24.07	24.01			
15	QPSK	36	0	23.15	23.25	23.24	23.14	22.99			
15	QPSK	36	20	23.15	23.14	23.26	23.11	22.97	23.8	1	
15	QPSK	36	39	23.17	23.28	23.22	23.05	22.96			
15	QPSK	75	0	23.06	23.17	23.24	23.09	22.96			
15	16QAM	1	0	22.96	23.12	23.27	23.08	22.91			
15	16QAM	1	37	23.17	23.25	23.30	23.06	23.03	23.8	1	
15	16QAM	1	74	23.16	23.40	23.18	23.12	23.09			
15	16QAM	36	0	22.06	22.09	22.25	22.11	21.92			
15	16QAM	36	20	22.06	22.24	22.17	22.08	22.04			
15	16QAM	36	39	22.22	22.30	22.17	22.08	22.04	22.8	2	
15	16QAM	75	0	22.14	22.26	22.23	22.02	21.98			
15	64QAM	1	0	21.73	21.77	21.91	21.70	21.58			
15	64QAM	1	37	21.90	21.95	22.01	21.82	21.70			
15	64QAM	1	74	21.94	22.02	21.93	21.79	21.80	22.8	2	
15	64QAM	36	0	21.06	21.12	21.28	21.03	20.97			
15	64QAM	36	20	21.17	21.12	21.27	21.08	21.05			
15	64QAM	36	39	21.17	21.22	21.26	21.09	21.08			
15	64QAM	75	0	21.13	21.15	21.24	21.06	20.98	21.8	3	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	24.16	24.39	24.33	24.06	24.00	24.8	0	
10	QPSK	1	25	24.12	24.23	24.33	24.05	23.90			
10	QPSK	1	49	24.10	24.36	24.18	24.02	23.98			
10	QPSK	25	0	23.20	23.29	23.31	23.14	23.06			
10	QPSK	25	12	23.06	23.19	23.17	23.08	22.96	23.8	1	
10	QPSK	25	25	23.19	23.23	23.23	23.06	23.04			
10	QPSK	50	0	23.13	23.25	23.23	23.11	22.92			
10	16QAM	1	0	22.93	23.19	23.23	23.03	22.92			
10	16QAM	1	25	23.13	23.20	23.32	23.10	23.03	23.8	1	
10	16QAM	1	49	23.24	23.38	23.14	23.13	23.04			
10	16QAM	25	0	22.00	22.13	22.23	22.03	21.89			
10	16QAM	25	12	22.11	22.14	22.26	22.06	22.01			
10	16QAM	25	25	22.22	22.22	22.23	22.15	21.98	22.8	2	
10	16QAM	50	0	22.05	22.25	22.21	22.10	21.99			
10	64QAM	1	0	21.73	21.85	21.91	21.72	21.65			
10	64QAM	1	25	21.89	21.93	22.03	21.86	21.71			
10	64QAM	1	49	21.86	22.00	21.93	21.84	21.73	22.8	2	
10	64QAM	25	0	21.08	21.07	21.23	21.09	20.95			
10	64QAM	25	12	21.15	21.16	21.19	21.07	20.99			
10	64QAM	25	25	21.14	21.22	21.20	21.05	21.08			
10	64QAM	50	0	21.13	21.16	21.19	21.09	20.99	21.8	3	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	24.21	24.39	24.35	24.08	24.08	24.8	0	
5	QPSK	1	12	24.07	24.18	24.26	24.01	24.00			
5	QPSK	1	24	24.16	24.33	24.22	24.08	23.98			
5	QPSK	12	0	23.15	23.25	23.29	23.10	23.09			
5	QPSK	12	7	23.04	23.20	23.18	23.15	22.95	23.8	1	
5	QPSK	12	13	23.11	23.21	23.22	23.11	23.00			
5	QPSK	25	0	23.07	23.19	23.18	23.07	23.01			
5	16QAM	1	0	22.93	23.10	23.23	22.98	22.91			
5	16QAM	1	12	23.11	23.17	23.24	23.11	22.97	23.8	1	
5	16QAM	1	24	23.14	23.30	23.15	23.10	23.11			
5	16QAM	12	0	22.03	22.14	22.26	22.07	21.84			
5	16QAM	12	7	22.06	22.14	22.20	22.13	22.03			
5	16QAM	12	13	22.17	22.23	22.26	22.15	22.01	22.8	2	
5	16QAM	25	0	22.07	22.23	22.17	22.05	21.98			
5	64QAM	1	0	21.71	21.80	21.93	21.77	21.66			
5	64QAM	1	12	21.92	21.91	22.03	21.85	21.70			
5	64QAM	1	24	21.89	22.05	21.86	21.83	21.75	22.8	2	
5	64QAM	12	0	21.08	21.14	21.18	21.08	20.96			
5	64QAM	12	7	21.14	21.13	21.17	21.12	20.95			
5	64QAM	12	13	21.12	21.24	21.25	21.16	21.09			
5	64QAM	25	0	21.11	21.23	21.20	21.05	20.98	21.8	3	

Band 41_Ant 1														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	15.98	15.87	16.03	15.85	15.88	16.8	0				
20	QPSK	1	49	15.89	15.60	15.63	15.54	15.62						
20	QPSK	1	99	15.77	15.55	15.64	15.59	15.64						
20	QPSK	50	0	15.95	15.78	15.96	15.80	15.88						
20	QPSK	50	24	15.82	15.70	15.89	15.57	15.50	16.8	0				
20	QPSK	50	50	15.94	15.69	15.89	15.59	15.63						
20	QPSK	100	0	15.77	15.76	15.89	15.74	15.74						
20	16QAM	1	0	15.66	15.77	15.70	15.78	15.60						
20	16QAM	1	49	15.93	15.74	15.67	15.57	15.62	16.8	0				
20	16QAM	1	99	15.79	15.74	15.73	15.62	15.76	16.8	0				
20	16QAM	50	0	15.90	15.69	15.94	15.75	15.66						
20	16QAM	50	24	15.80	15.84	15.97	15.64	15.65						
20	16QAM	50	50	15.86	15.70	15.78	15.56	15.63						
20	16QAM	100	0	15.86	15.63	15.55	15.58	15.64	16.8	0				
20	64QAM	1	0	15.73	15.71	15.76	15.74	15.74						
20	64QAM	1	49	15.65	15.74	15.68	15.60	15.56						
20	64QAM	1	99	15.89	15.66	15.67	15.58	15.63						
20	64QAM	50	0	15.74	15.91	15.90	15.49	15.59	16.8	0				
20	64QAM	50	24	15.80	15.65	15.62	15.50	15.75						
20	64QAM	50	50	15.84	15.86	15.79	15.62	15.61						
20	64QAM	100	0	15.89	15.80	15.89	15.71	15.79						
Channel				39725	40173	40620	41068	41515						
Frequency (MHz)				2603.5	2646.3	2693	2637.8	2682.5						
15	QPSK	1	0	15.98	15.82	16.00	15.82	15.81	16.8	0				
15	QPSK	1	37	15.79	15.60	15.55	15.58	15.50						
15	QPSK	36	0	15.83	15.86	15.97	15.77	15.73						
15	QPSK	36	20	15.85	15.73	15.73	15.63	15.58						
15	QPSK	36	39	15.91	15.71	15.77	15.67	15.69	16.8	0				
15	QPSK	75	0	15.76	15.80	15.85	15.66	15.65						
15	16QAM	1	0	15.60	15.73	15.73	15.73	15.89						
15	16QAM	1	37	15.90	15.81	15.71	15.60	15.63						
15	16QAM	1	74	15.84	15.80	15.75	15.63	15.70	16.8	0				
15	16QAM	36	0	15.91	15.71	15.66	15.69	15.73						
15	16QAM	36	20	15.83	15.88	15.01	15.64	15.81						
15	16QAM	36	39	15.82	15.62	15.80	15.56	15.58						
15	16QAM	75	0	15.76	15.63	15.62	15.55	15.58	16.8	0				
15	64QAM	1	0	15.79	15.67	15.71	15.61	15.67						
15	64QAM	1	37	15.71	15.67	15.68	15.81	15.63						
15	64QAM	1	74	15.79	15.61	15.67	15.55	15.61						
15	64QAM	36	0	15.82	15.78	15.69	15.56	15.51	16.8	0				
15	64QAM	36	20	15.70	15.65	15.68	15.66	15.74						
15	64QAM	36	39	15.77	15.76	15.73	15.62	15.58						
15	64QAM	75	0	15.78	15.72	15.75	15.79	15.77						
Channel				39700	40160	40620	41080	41450						
Frequency (MHz)				2501	2547	2593	2630	2685						
10	QPSK	1	0	15.98	15.82	16.02	15.81	15.81	16.8	0				
10	QPSK	1	25	15.88	15.66	15.62	15.66	15.58						
10	QPSK	1	49	15.92	15.60	15.57	15.60	15.55						
10	QPSK	25	0	15.93	15.81	15.98	15.81	15.71						
10	QPSK	25	12	15.85	15.73	15.63	15.58	15.61	16.8	0				
10	QPSK	25	25	15.92	15.75	15.65	15.64	15.57						
10	QPSK	50	0	15.82	15.79	15.79	15.66	15.65						
10	16QAM	1	0	15.65	15.66	15.78	15.70	15.63						
10	16QAM	1	25	15.86	15.75	15.74	15.54	15.66	16.8	0				
10	16QAM	1	49	15.96	15.79	15.68	15.59	15.67						
10	16QAM	25	0	15.87	15.68	15.73	15.63	15.75						
10	16QAM	25	12	15.81	15.88	16.01	15.61	15.76						
10	16QAM	25	25	15.82	15.65	15.72	15.58	15.54	16.8	0				
10	16QAM	50	0	15.74	15.60	15.55	15.55	15.68						
10	64QAM	1	0	15.80	15.67	15.76	15.72	15.70						
10	64QAM	1	25	15.85	15.67	15.64	15.61	15.53						
10	64QAM	1	49	15.86	15.62	15.69	15.51	15.62	16.8	0				
10	64QAM	25	0	15.77	15.85	15.83	15.49	15.57						
10	64QAM	25	12	15.76	15.65	15.59	15.66	15.72						
10	64QAM	25	25	15.82	15.68	15.74	15.54	15.57						
10	64QAM	50	0	15.90	15.82	15.72	15.76	15.79	16.8	0				
Channel				39675	40148	40620	41093	41565						
Frequency (MHz)				2498.5	2545.8	2593	2643.0	2687.5						
5	QPSK	1	0	15.99	15.94	16.01	15.76	15.94				16.8	0	
5	QPSK	1	12	15.77	15.60	15.60	15.64	15.60						
5	QPSK	1	24	15.76	15.60	15.58	15.60	15.61						
5	QPSK	12	0	15.83	15.79	15.98	15.74	15.68						
5	QPSK	12	7	15.83	15.66	15.61	15.62	15.61	16.8	0				
5	QPSK	12	13	15.94	15.72	15.65	15.62	15.61						
5	QPSK	25	0	15.78	15.81	15.80	15.70	15.67						
5	16QAM	1	0	15.65	15.70	15.82	15.81	15.57						
5	16QAM	1	12	15.84	15.78	15.77	15.59	15.64	16.8	0				
5	16QAM	1	24	15.81	15.76	15.82	15.55	15.71						
5	16QAM	12	0	15.90	15.66	15.62	15.69	15.66						
5	16QAM	12	7	15.83	15.88	15.92	15.57	15.78						
5	16QAM	12	13	15.85	15.70	15.76	15.54	15.65	16.8	0				
5	16QAM	25	0	15.75	15.63	15.68	15.57	15.59						
5	64QAM	1	0	15.79	15.75	15.81	15.71	15.67						
5	64QAM	1	12	15.60	15.67	15.64	15.59	15.63						
5	64QAM	1	24	15.86	15.61	15.67	15.58	15.54	16.8	0				
5	64QAM	12	0	15.83	15.84	15.83	15.51	15.61						
5	64QAM	12	7	15.70	15.69	15.59	15.66	15.70						
5	64QAM	12	13	15.83	15.68	15.71	15.64	15.63						
5	64QAM	25	0	15.88	15.71	15.77	15.74	15.74	16.8	0				

Band 41_Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490	24.1	0	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.33	23.22	23.35	23.22	23.20			
20	QPSK	1	49	23.30	23.09	23.31	23.19	23.08			
20	QPSK	1	99	23.22	23.21	23.33	23.12	23.17			
20	QPSK	50	0	22.25	22.15	22.28	22.18	22.25	23.1	1	
20	QPSK	50	24	22.25	22.08	22.23	22.13	22.15			
20	QPSK	50	50	22.23	22.17	22.24	22.11	22.20			
20	QPSK	100	0	22.24	22.10	22.25	22.12	22.16			
20	16QAM	1	0	22.30	22.05	22.28	22.16	22.13			
20	16QAM	1	49	22.27	22.13	22.30	22.15	22.15	23.1	1	
20	16QAM	1	99	22.21	22.27	22.30	22.15	22.26			
20	16QAM	50	0	21.25	21.07	21.24	21.18	21.15			
20	16QAM	50	24	21.23	21.09	21.23	21.14	21.17			
20	16QAM	50	50	21.22	21.18	21.26	21.12	21.24			
20	16QAM	100	0	21.23	21.11	21.23	21.15	21.16	22.1	2	
20	64QAM	1	0	21.01	20.74	20.99	20.95	20.85			
20	64QAM	1	49	21.02	20.89	20.98	20.89	20.88			
20	64QAM	1	99	20.95	20.96	21.01	20.87	20.98			
20	64QAM	50	0	20.20	20.05	20.21	20.17	20.12			
20	64QAM	50	24	20.25	20.10	20.26	20.13	20.17	21.1	3	
20	64QAM	50	50	20.22	20.17	20.27	20.12	20.23			
20	64QAM	100	0	20.26	20.11	20.24	20.16	20.15			
Channel				39725	40173	40620	41068	41515	24.1	0	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	23.28	23.14	23.22	23.17	23.09			
15	QPSK	1	37	23.17	23.01	23.17	23.12	22.92			
15	QPSK	1	74	23.06	23.07	23.18	23.00	23.02			
15	QPSK	36	0	22.16	22.09	22.15	22.05	22.09	23.1	1	
15	QPSK	36	20	22.12	21.97	22.09	22.00	22.06			
15	QPSK	36	39	22.17	22.01	22.14	22.04	22.15			
15	QPSK	75	0	22.11	21.94	22.20	22.00	22.11			
15	16QAM	1	0	22.16	21.92	22.16	22.01	21.98			
15	16QAM	1	37	22.18	21.98	22.23	22.06	22.05	23.1	1	
15	16QAM	1	74	22.11	22.19	22.15	22.07	22.17			
15	16QAM	36	0	21.20	20.93	21.09	21.02	20.99			
15	16QAM	36	20	21.16	21.00	21.18	20.99	21.03			
15	16QAM	36	39	21.12	21.03	21.20	20.99	21.15			
15	16QAM	75	0	21.15	20.98	21.13	21.04	21.00	22.1	2	
15	64QAM	1	0	20.93	20.61	20.86	20.87	20.79			
15	64QAM	1	37	20.95	20.79	20.85	20.77	20.78			
15	64QAM	1	74	20.84	20.81	20.88	20.79	20.85			
15	64QAM	36	0	20.10	19.90	20.15	20.06	20.03			
15	64QAM	36	20	20.15	20.00	20.17	20.02	20.05	21.1	3	
15	64QAM	36	39	20.12	20.11	20.15	19.99	20.13			
15	64QAM	75	0	20.11	20.06	20.15	20.04	20.01			
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685	24.1	0	
10	QPSK	1	0	23.24	23.10	23.29	23.06	23.14			
10	QPSK	1	25	23.20	22.96	23.26	23.09	22.92			
10	QPSK	1	49	23.06	23.14	23.28	22.99	23.11			
10	QPSK	25	0	22.14	22.05	22.16	22.04	22.09	23.1	1	
10	QPSK	25	12	22.18	21.92	22.18	21.98	22.06			
10	QPSK	25	25	22.17	22.08	22.09	21.97	22.15			
10	QPSK	50	0	22.12	21.98	22.18	22.03	22.02			
10	16QAM	1	0	22.22	21.97	22.17	22.10	22.00			
10	16QAM	1	25	22.13	22.05	22.25	22.04	22.09	23.1	1	
10	16QAM	1	49	22.07	22.22	22.24	22.02	22.13			
10	16QAM	25	0	21.09	21.00	21.08	21.10	21.06			
10	16QAM	25	12	21.16	20.99	21.11	21.07	21.07			
10	16QAM	25	25	21.13	21.07	21.19	21.03	21.14			
10	16QAM	50	0	21.13	21.05	21.16	21.09	21.06	22.1	2	
10	64QAM	1	0	20.88	20.65	20.92	20.79	20.72			
10	64QAM	1	25	20.91	20.75	20.90	20.76	20.72			
10	64QAM	1	49	20.89	20.85	20.92	20.82	20.84			
10	64QAM	25	0	20.16	19.97	20.06	20.12	19.99			
10	64QAM	25	12	20.14	20.04	20.11	20.04	20.01	21.1	3	
10	64QAM	25	25	20.15	20.08	20.11	20.04	20.14			
10	64QAM	50	0	20.12	19.98	20.16	20.01	20.01			
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	24.1	0	
5	QPSK	1	0	23.20	23.05	23.21	23.14	23.17			
5	QPSK	1	12	23.21	23.07	23.19	23.18	23.22			
5	QPSK	1	24	23.18	23.10	23.12	23.12	23.20			
5	QPSK	12	0	22.30	22.07	22.14	22.14	22.21	23.1	1	
5	QPSK	12	7	22.29	22.06	22.14	22.11	22.24			
5	QPSK	12	13	22.26	22.06	22.13	22.09	22.22			
5	QPSK	25	0	22.26	22.06	22.15	22.11	22.24			
5	16QAM	1	0	22.29	22.07	22.16	22.11	22.21			
5	16QAM	1	12	22.32	22.12	22.18	22.13	22.25	23.1	1	
5	16QAM	1	24	22.29	22.16	22.17	22.13	22.26			
5	16QAM	12	0	21.27	21.03	21.12	21.11	21.21			
5	16QAM	12	7	21.24	21.03	21.10	21.07	21.22			
5	16QAM	12	13	21.24	21.02	21.11	21.06	21.21			
5	16QAM	25	0	21.29	21.09	21.17	21.13	21.29	22.1	2	
5	64QAM	1	0	21.04	20.82	20.96	20.85	21.00			
5	64QAM	1	12	21.04	20.83	20.95	20.85	21.00			
5	64QAM	1	24	21.02	20.86	20.97	20.82	20.99			
5	64QAM	12	0	20.28	20.11	20.17	20.13	20.22			
5	64QAM	12	7	20.31	20.09	20.15	20.10	20.24	21.1	3	
5	64QAM	12	13	20.31	20.09	20.14	20.10	20.25			
5	64QAM	25	0	20.33	20.11	20.18	20.17	20.29			



Reduced Power Mode for ECI 3

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	188	251		128	188	251	
TX Channel	821.2	835.4	848.8	232.2	821.2	835.4	848.8	232.2
Frequency (MHz)	821.2	835.4	848.8	232.2	821.2	835.4	848.8	232.2
GSM 1 Tx slot	32.21	32.40	32.35	33.50	23.21	23.40	23.35	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.38	32.34	33.50	23.20	23.38	23.34	24.50
GPRS/EDGE GMSK 2 Tx slots	30.20	30.33	30.31	31.00	24.20	24.33	24.31	25.00
GPRS/EDGE GMSK 3 Tx slots	28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.94
GPRS/EDGE GMSK 4 Tx slots	26.56	26.74	26.71	26.00	23.95	23.74	23.71	25.00
EDGE BPSK 1 Tx slot	28.30	28.33	28.30	28.00	17.30	17.33	17.30	19.00
EDGE BPSK 2 Tx slots	25.05	25.08	25.23	26.00	19.05	19.08	19.23	20.00
EDGE BPSK 3 Tx slots	22.95	22.98	23.05	24.00	18.69	18.72	18.79	19.74
EDGE BPSK 4 Tx slots	21.67	21.68	21.78	23.00	18.67	18.68	18.78	20.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot	22.64	22.69	22.69	23.50	13.64	13.69	13.69	14.50
GPRS/EDGE GMSK 1 Tx slot	22.62	22.66	22.66	23.50	13.62	13.66	13.66	14.50
GPRS/EDGE GMSK 2 Tx slots	22.63	22.71	22.68	23.50	16.63	16.71	16.69	17.50
GPRS/EDGE GMSK 3 Tx slots	22.64	22.72	22.70	23.50	18.38	18.46	18.44	19.24
GPRS/EDGE GMSK 4 Tx slots	22.64	22.74	22.71	23.50	19.64	19.74	19.71	20.50
EDGE BPSK 1 Tx slot	18.30	18.43	18.18	19.50	9.30	9.43	9.18	10.50
EDGE BPSK 2 Tx slots	18.02	18.21	18.06	19.50	12.02	12.21	12.06	13.50
EDGE BPSK 3 Tx slots	18.23	18.15	18.03	19.50	13.97	13.89	13.77	15.24
EDGE BPSK 4 Tx slots	17.92	17.96	18.02	19.50	14.92	14.96	15.02	16.50

Band	WCDMA R_Ant 0				Tune-up Limit (dBm)	WCDMA R_Ant 1				Tune-up Limit (dBm)
	TX Channel	8262	8460	8538		8262	8460	8538		
TX Channel	8262	8460	8538	8262	8460	8538	8262	8460	8538	
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1880	1907.6	1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.80	19.85	19.71	20.80	18.70	18.81	18.69		
3GPP Rel 99	RMC 12.2Kbps	19.82	19.86	19.75	20.80	18.71	18.82	18.73	19.80	
3GPP Rel 6	HSDPA Subtest-1	18.84	18.91	18.98	19.80	17.87	17.99	17.91	18.80	
3GPP Rel 6	HSDPA Subtest-2	18.81	18.84	18.83	19.80	17.90	17.94	17.93	18.80	
3GPP Rel 6	HSDPA Subtest-3	18.32	18.48	18.42	19.30	17.53	17.55	17.39	18.80	
3GPP Rel 6	HSDPA Subtest-4	18.31	18.38	18.45	19.30	17.38	17.50	17.48	18.80	
3GPP Rel 8	DC-HSDPA Subtest-1	18.67	18.79	18.73	19.80	17.73	17.89	17.83	18.80	
3GPP Rel 8	DC-HSDPA Subtest-2	18.74	18.86	18.70	19.80	17.83	17.89	17.91	18.80	
3GPP Rel 8	DC-HSDPA Subtest-3	18.27	18.25	18.33	19.30	17.35	17.42	17.33	18.80	
3GPP Rel 8	DC-HSDPA Subtest-4	18.17	18.35	18.26	19.30	17.34	17.35	17.28	18.80	
3GPP Rel 6	HSUPA Subtest-1	16.29	16.35	16.30	17.80	15.23	15.33	15.26	16.80	
3GPP Rel 6	HSUPA Subtest-2	16.19	16.22	16.22	17.80	15.23	15.11	15.16	16.80	
3GPP Rel 6	HSUPA Subtest-3	18.32	18.29	18.26	18.80	17.23	17.13	17.25	17.80	
3GPP Rel 6	HSUPA Subtest-4	16.30	16.22	16.16	17.80	15.23	15.12	15.17	16.80	
3GPP Rel 6	HSUPA Subtest-5	18.29	18.36	18.25	18.80	17.23	17.27	17.06	17.80	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.82	18.75	18.68	19.30	17.96	17.94	17.85	18.30	

Band	WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
	TX Channel	4152	4192		4152	4192	4233	
TX Channel	4367	4407	4468	4367	4407	4468	4367	4407
Frequency (MHz)	826.4	836.4	846.6	826.4	836.4	846.6	826.4	836.4
3GPP Rel 99	AMR 12.2Kbps	23.70	23.72	23.67	24.80	23.71	23.73	23.68
3GPP Rel 99	RMC 12.2Kbps	23.73	23.75	23.71	24.80	23.75	23.77	23.72
3GPP Rel 6	HSDPA Subtest-1	22.81	22.74	22.79	23.80	22.73	22.67	22.71
3GPP Rel 6	HSDPA Subtest-2	22.79	22.70	22.78	23.80	22.73	22.71	23.80
3GPP Rel 6	HSDPA Subtest-3	22.34	22.36	22.35	23.30	22.30	22.34	22.25
3GPP Rel 6	HSDPA Subtest-4	22.32	22.30	22.28	23.30	22.25	22.17	22.19
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	22.64	22.61	22.57
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	22.62	22.61	22.58
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	22.19	22.17	22.12
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	22.20	22.12	22.14
3GPP Rel 6	HSUPA Subtest-1	20.45	20.48	20.42	21.80	20.42	20.40	20.39
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.40	21.80	20.37	20.37	20.35
3GPP Rel 6	HSUPA Subtest-3	22.45	22.46	22.43	22.80	22.37	22.32	22.28
3GPP Rel 6	HSUPA Subtest-4	20.40	20.43	20.41	21.80	20.36	20.37	20.32
3GPP Rel 6	HSUPA Subtest-5	22.50	22.55	22.52	22.80	22.46	22.49	22.41
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.62	21.65	21.60	23.30	21.70	21.74	21.68

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	188	251		128	188	251	
TX Channel	821.2	835.4	848.8	232.2	821.2	835.4	848.8	232.2
Frequency (MHz)	821.2	835.4	848.8	232.2	821.2	835.4	848.8	232.2
GSM 1 Tx slot	32.22	32.33	32.30	33.50	23.22	23.33	23.30	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.32	32.28	33.50	23.20	23.32	23.28	24.50
GPRS/EDGE GMSK 2 Tx slots	30.21	30.30	30.27	31.00	24.21	24.30	24.27	25.00
GPRS/EDGE GMSK 3 Tx slots	28.21	28.29	28.26	29.20	23.95	24.03	24.00	24.94
GPRS/EDGE GMSK 4 Tx slots	26.65	26.73	26.70	26.00	23.65	23.73	23.70	25.00
EDGE BPSK 1 Tx slot	28.33	28.37	28.30	28.00	17.33	17.37	17.30	19.00
EDGE BPSK 2 Tx slots	25.11	25.13	25.08	26.00	19.11	19.13	19.08	20.00
EDGE BPSK 3 Tx slots	23.00	23.02	22.98	24.00	18.74	18.76	18.72	19.74
EDGE BPSK 4 Tx slots	21.90	21.94	21.89	23.00	18.90	18.94	18.89	20.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8	1850.2	1880
GSM 1 Tx slot	21.54	21.75	21.70	22.50	12.54	12.75	12.70	13.50
GPRS/EDGE GMSK 1 Tx slot	21.53	21.74	21.69	22.50	12.53	12.74	12.69	13.50
GPRS/EDGE GMSK 2 Tx slots	21.55	21.72	21.70	22.50	15.55	15.72	15.70	16.50
GPRS/EDGE GMSK 3 Tx slots	21.55	21.73	21.70	22.50	17.29	17.27	17.47	18.24
GPRS/EDGE GMSK 4 Tx slots	21.53	21.74	21.70	22.50	18.53	18.74	18.70	19.50
EDGE BPSK 1 Tx slot	17.13	17.19	17.18	18.00	8.13	8.19	8.16	9.00
EDGE BPSK 2 Tx slots	16.78	16.87	16.80	18.00	10.78	10.87	10.80	12.00
EDGE BPSK 3 Tx slots	16.64	16.77	16.71	18.00	12.36	12.51	12.45	13.74
EDGE BPSK 4 Tx slots	16.41	16.54	16.34	18.00	13.41	13.54	13.34	15.00

Band	WCDMA N_Ant 0			Tune-up Limit (dBm)	WCDMA N_Ant 1			Tune-up Limit (dBm)
	TX Channel	1312	1413		1312	1413	1513	
TX Channel	1537	1638	1738	1537	1638	1738	1537	1638
Frequency (MHz)	1712.4	1732.6	1752.6	1712.4	1732.6	1752.6	1712.4	1732.6
3GPP Rel 99	AMR 12.2Kbps	19.37	19.43	19.40	20.30	18.58	18.62	18.60
3GPP Rel 99	RMC 12.2Kbps	19.48	19.50	19.42	20.30	18.61	18.65	18.63
3GPP Rel 6	HSDPA Subtest-1	18.43	18.58	18.50	19.30	17.71	17.63	17.61
3GPP Rel 6	HSDPA Subtest-2	18.52	18.52	18.47	19.30	17.69	17.67	17.58
3GPP Rel 6	HSDPA Subtest-3	18.05	18.14	17.97	18.80	17.21	17.22	17.05
3GPP Rel 6	HSDPA Subtest-4	17.94	18.09	17.95	18.80	17.10	17.21	17.12
3GPP Rel 8	DC-HSDPA Subtest-1	18.30	18.35	18.27	19.30	17.84	17.60	17.45
3GPP Rel 8	DC-HSDPA Subtest-2	18.38	18.45	18.41	19.30	17.56	17.56	17.43
3GPP Rel 8	DC-HSDPA Subtest-3	17.83	17.82	17.82	18.80	17.13	17.06	16.91
3GPP Rel 8	DC-HSDPA Subtest-4	17.83	17.94	17.90	18.80	17.08	17.13	16.89
3GPP Rel 6	HSUPA Subtest-1	15.96	16.02	15.99	17.30	15.05	15.08	14.99
3GPP Rel 6	HSUPA Subtest-2	15.98	16.02	15.89	17.30	14.97	14.99	14.97
3GPP Rel 6	HSUPA Subtest-3	17.97	18.03	17.86	18.30	16.91	16.86	16.86
3GPP Rel 6	HSUPA Subtest-4	15.92	16.00	15.93	17.30	14.89	14.98	14.93
3GPP Rel 6	HSUPA Subtest-5	17.92	18.05	17.92	18.30	17.01	17.00	16.89
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.62	17.69	17.69	18.80	16.69	16.74	16.68

Band 2_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	19.15	19.23	19.11	20.3	0		
20	QPSK	1	49	19.07	19.07	19.05				
20	QPSK	1	99	19.04	19.06	19.08				
20	QPSK	50	0	19.14	19.20	19.10	20.3	0		
20	QPSK	50	24	19.06	19.07	19.09				
20	QPSK	50	50	19.13	19.06	19.04				
20	QPSK	100	0	19.04	19.16	19.02	20.3	0		
20	16QAM	1	0	19.11	19.17	19.11				
20	16QAM	1	49	19.03	19.12	19.13				
20	16QAM	1	99	19.15	19.17	19.02	20.3	0		
20	16QAM	50	0	19.03	19.04	19.01				
20	16QAM	50	24	19.06	19.06	19.07				
20	16QAM	50	50	19.12	19.11	19.12	20.3	0		
20	16QAM	100	0	19.15	19.11	19.08				
20	64QAM	1	0	19.06	19.05	19.13				
20	64QAM	1	49	19.10	19.05	19.08	20.3	0		
20	64QAM	1	99	19.08	19.13	19.14				
20	64QAM	50	0	19.15	19.07	19.10				
20	64QAM	50	24	19.04	19.12	19.08	20.3	0		
20	64QAM	50	50	19.15	19.13	19.12				
20	64QAM	100	0	19.09	19.17	19.03				
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	19.06	19.12	19.13	20.3	0		
15	QPSK	1	37	19.09	19.06	19.04				
15	QPSK	1	74	19.07	19.15	19.13				
15	QPSK	36	0	19.04	19.07	19.07	20.3	0		
15	QPSK	36	20	19.13	19.08	19.14				
15	QPSK	36	39	19.04	19.15	19.05				
15	QPSK	75	0	19.05	19.11	19.09	20.3	0		
15	16QAM	1	0	19.07	19.07	19.06				
15	16QAM	1	37	19.10	19.05	19.07				
15	16QAM	1	74	19.04	19.04	19.02	20.3	0		
15	16QAM	36	0	19.10	19.04	19.09				
15	16QAM	36	20	19.08	19.05	19.12				
15	16QAM	36	39	19.15	19.15	19.01	20.3	0		
15	16QAM	75	0	19.09	19.05	19.08				
15	64QAM	1	0	19.12	19.12	19.12				
15	64QAM	1	37	19.06	19.08	19.09	20.3	0		
15	64QAM	1	74	19.11	19.06	19.11				
15	64QAM	36	0	19.02	19.17	19.14				
15	64QAM	36	20	19.11	19.15	19.14	20.3	0		
15	64QAM	36	39	19.08	19.11	19.14				
15	64QAM	75	0	19.04	19.16	19.11				
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	19.11	19.04	19.11	20.3	0		
10	QPSK	1	25	19.04	19.04	19.11				
10	QPSK	1	49	19.14	19.16	19.10				
10	QPSK	25	0	19.14	19.05	19.04	20.3	0		
10	QPSK	25	12	19.13	19.14	19.09				
10	QPSK	25	25	19.04	19.10	19.03				
10	QPSK	50	0	19.04	19.17	19.02	20.3	0		
10	16QAM	1	0	19.03	19.15	19.01				
10	16QAM	1	25	19.14	19.07	19.10				
10	16QAM	1	49	19.10	19.15	19.14	20.3	0		
10	16QAM	25	0	19.03	19.10	19.05				
10	16QAM	25	12	19.02	19.16	19.05				
10	16QAM	25	25	19.02	19.10	19.12	20.3	0		
10	16QAM	50	0	19.15	19.16	19.12				
10	64QAM	1	0	19.11	19.16	19.11				
10	64QAM	1	25	19.13	19.10	19.07	20.3	0		
10	64QAM	1	49	19.04	19.16	19.05				
10	64QAM	25	0	19.02	19.09	19.03				
10	64QAM	25	12	19.02	19.06	19.13	20.3	0		
10	64QAM	25	25	19.02	19.10	19.13				
10	64QAM	50	0	19.04	19.11	19.04				
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	19.05	19.11	19.13	20.3	0		
5	QPSK	1	12	19.02	19.07	19.03				
5	QPSK	1	24	19.07	19.04	19.02				
5	QPSK	12	0	19.08	19.12	19.13	20.3	0		
5	QPSK	12	7	19.10	19.07	19.13				
5	QPSK	12	13	19.11	19.07	19.10				
5	QPSK	25	0	19.04	19.15	19.13	20.3	0		
5	16QAM	1	0	19.07	19.08	19.01				
5	16QAM	1	12	19.11	19.13	19.10				
5	16QAM	1	24	19.04	19.06	19.05	20.3	0		
5	16QAM	12	0	19.04	19.04	19.03				
5	16QAM	12	7	19.02	19.04	19.06				
5	16QAM	12	13	19.05	19.11	19.06	20.3	0		
5	16QAM	25	0	19.05	19.16	19.08				
5	64QAM	1	0	19.06	19.12	19.06				
5	64QAM	1	12	19.13	19.08	19.03	20.3	0		
5	64QAM	1	24	19.03	19.13	19.06				
5	64QAM	12	0	19.12	19.16	19.10				
5	64QAM	12	7	19.15	19.17	19.03	20.3	0		
5	64QAM	12	13	19.06	19.16	19.01				
5	64QAM	25	0	19.04	19.04	19.07				
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	19.11	19.05	19.05	20.3	0		
3	QPSK	1	8	19.03	19.07	19.08				
3	QPSK	1	14	19.10	19.08	19.01				
3	QPSK	8	0	19.04	19.11	19.07	20.3	0		
3	QPSK	8	4	19.07	19.11	19.11				
3	QPSK	8	7	19.12	19.04	19.08				
3	QPSK	15	0	19.04	19.13	19.06	20.3	0		
3	16QAM	1	0	19.09	19.16	19.13				
3	16QAM	1	8	19.13	19.17	19.04				
3	16QAM	1	14	19.03	19.17	19.14	20.3	0		
3	16QAM	8	0	19.07	19.05	19.08				
3	16QAM	8	4	19.09	19.06	19.10				
3	16QAM	8	7	19.06	19.06	19.11	20.3	0		
3	16QAM	15	0	19.15	19.12	19.05				
3	64QAM	1	0	19.05	19.13	19.04				
3	64QAM	1	8	19.15	19.16	19.14	20.3	0		
3	64QAM	1	14	19.04	19.04	19.08				
3	64QAM	8	0	19.14	19.09	19.09				
3	64QAM	8	4	19.06	19.12	19.09	20.3	0		
3	64QAM	8	7	19.14	19.09	19.07				
3	64QAM	15	0	19.15	19.10	19.10				
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	19.04	19.06	19.13	20.3	0		
1.4	QPSK	1	3	19.12	19.15	19.06				
1.4	QPSK	1	5	19.10	19.15	19.07				
1.4	QPSK	3	0	19.11	19.11	19.06	20.3	0		
1.4	QPSK	3	1	19.10	19.15	19.06				
1.4	QPSK	3	3	19.07	19.13	19.04				
1.4	QPSK	6	0	19.07	19.17	19.06	20.3	0		
1.4	16QAM	1	0	19.03	19.07	19.13				
1.4	16QAM	1	3	19.15	19.07	19.05				
1.4	16QAM	1	5	19.06	19.12	19.10	20.3	0		
1.4	16QAM	3	0	19.12	19.11	19.09				
1.4	16QAM	3	1	19.09	19.07	19.12				
1.4	16QAM	3	3	19.09	19.13	19.13	20.3	0		
1.4	16QAM	6	0	19.05	19.17	19.03				
1.4	64QAM	1	3	19.02	19.09	19.01				
1.4	64QAM	1	5	19.08	19.11	19.12	20.3	0		
1.4	64QAM	3	0	19.04	19.17	19.13				
1.4	64QAM	3	1	19.09	19.09	19.03				
1.4	64QAM	3	3	19.05	19.08	19.08	20.3	0		
1.4	64QAM	6	0	19.05	19.07	19.14				

Band 4_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	19.40	19.44	19.37	20.3	0	
20	QPSK	1	49	19.33	19.38	19.30			
20	QPSK	1	99	19.38	19.38	19.35			
20	QPSK	50	0	19.38	19.39	19.30	20.3	0	
20	QPSK	50	24	19.33	19.38	19.27			
20	QPSK	50	50	19.34	19.29	19.26			
20	QPSK	100	0	19.25	19.37	19.35	20.3	0	
20	16QAM	1	0	19.30	19.27	19.27			
20	16QAM	1	49	19.38	19.36	19.25			
20	16QAM	1	99	19.38	19.37	19.26	20.3	0	
20	16QAM	50	0	19.38	19.38	19.27			
20	16QAM	50	24	19.27	19.33	19.30			
20	16QAM	50	50	19.30	19.30	19.27	20.3	0	
20	16QAM	100	0	19.25	19.39	19.25			
20	64QAM	1	0	19.34	19.28	19.31			
20	64QAM	1	49	19.38	19.34	19.37	20.3	0	
20	64QAM	1	99	19.37	19.32	19.33			
20	64QAM	50	0	19.26	19.31	19.31			
20	64QAM	50	24	19.27	19.33	19.30	20.3	0	
20	64QAM	50	50	19.30	19.30	19.27			
20	64QAM	100	0	19.27	19.31	19.37			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	19.27	19.34	19.24	20.3	0	
15	QPSK	1	37	19.31	19.31	19.27			
15	QPSK	1	74	19.27	19.38	19.28			
15	QPSK	36	0	19.33	19.31	19.26	20.3	0	
15	QPSK	36	20	19.31	19.29	19.37			
15	QPSK	36	39	19.25	19.40	19.29			
15	QPSK	75	0	19.35	19.32	19.31	20.3	0	
15	16QAM	1	0	19.37	19.29	19.29			
15	16QAM	1	37	19.38	19.39	19.31			
15	16QAM	1	74	19.38	19.40	19.31	20.3	0	
15	16QAM	36	0	19.26	19.28	19.27			
15	16QAM	36	20	19.31	19.37	19.37			
15	16QAM	36	39	19.38	19.28	19.35	20.3	0	
15	16QAM	75	0	19.25	19.33	19.28			
15	64QAM	1	0	19.38	19.35	19.24			
15	64QAM	1	37	19.28	19.36	19.32	20.3	0	
15	64QAM	1	74	19.31	19.32	19.27			
15	64QAM	36	0	19.29	19.33	19.24			
15	64QAM	36	20	19.27	19.28	19.24	20.3	0	
15	64QAM	36	39	19.33	19.31	19.37			
15	64QAM	75	0	19.26	19.37	19.32			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	19.38	19.29	19.33	20.3	0	
10	QPSK	1	25	19.35	19.27	19.32			
10	QPSK	1	49	19.35	19.33	19.34			
10	QPSK	25	0	19.36	19.35	19.31	20.3	0	
10	QPSK	25	12	19.30	19.35	19.33			
10	QPSK	25	25	19.30	19.27	19.25			
10	QPSK	50	0	19.28	19.28	19.24	20.3	0	
10	16QAM	1	0	19.32	19.38	19.24			
10	16QAM	1	25	19.33	19.38	19.34			
10	16QAM	1	49	19.27	19.37	19.32	20.3	0	
10	16QAM	25	0	19.33	19.29	19.24			
10	16QAM	25	12	19.33	19.39	19.36			
10	16QAM	25	25	19.26	19.32	19.37	20.3	0	
10	16QAM	50	0	19.29	19.31	19.25			
10	64QAM	1	0	19.32	19.31	19.24			
10	64QAM	1	25	19.29	19.38	19.34	20.3	0	
10	64QAM	1	49	19.34	19.37	19.28			
10	64QAM	25	0	19.25	19.33	19.33			
10	64QAM	25	12	19.32	19.30	19.36	20.3	0	
10	64QAM	25	25	19.36	19.36	19.34			
10	64QAM	50	0	19.30	19.36	19.37			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	19.30	19.27	19.27	20.3	0	
5	QPSK	1	12	19.31	19.28	19.35			
5	QPSK	1	24	19.29	19.34	19.33			
5	QPSK	12	0	19.25	19.40	19.26	20.3	0	
5	QPSK	12	7	19.25	19.32	19.37			
5	QPSK	12	13	19.37	19.40	19.27			
5	QPSK	25	0	19.35	19.34	19.29	20.3	0	
5	16QAM	1	0	19.36	19.30	19.27			
5	16QAM	1	12	19.27	19.39	19.27			
5	16QAM	1	24	19.29	19.30	19.36	20.3	0	
5	16QAM	12	0	19.27	19.34	19.31			
5	16QAM	12	7	19.36	19.37	19.32			
5	16QAM	12	13	19.36	19.34	19.28	20.3	0	
5	16QAM	25	0	19.29	19.38	19.27			
5	64QAM	1	0	19.27	19.28	19.31			
5	64QAM	1	12	19.28	19.27	19.36	20.3	0	
5	64QAM	1	24	19.37	19.34	19.29			
5	64QAM	12	0	19.33	19.34	19.37			
5	64QAM	12	7	19.35	19.32	19.28	20.3	0	
5	64QAM	12	13	19.37	19.28	19.35			
5	64QAM	25	0	19.31	19.31	19.32			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	19.35	19.28	19.35	20.3	0	
3	QPSK	1	8	19.27	19.28	19.30			
3	QPSK	1	14	19.27	19.40	19.31			
3	QPSK	8	0	19.37	19.38	19.29	20.3	0	
3	QPSK	8	7	19.33	19.38	19.31			
3	QPSK	15	0	19.29	19.39	19.26			
3	16QAM	1	0	19.31	19.32	19.36	20.3	0	
3	16QAM	1	8	19.29	19.36	19.27			
3	16QAM	1	14	19.29	19.33	19.30			
3	16QAM	8	0	19.28	19.31	19.30	20.3	0	
3	16QAM	8	4	19.35	19.31	19.24			
3	16QAM	8	7	19.34	19.35	19.29			
3	16QAM	15	0	19.33	19.32	19.29	20.3	0	
3	64QAM	1	0	19.35	19.33	19.28			
3	64QAM	1	8	19.30	19.29	19.30			
3	64QAM	1	14	19.26	19.37	19.26	20.3	0	
3	64QAM	8	0	19.36	19.36	19.37			
3	64QAM	8	4	19.35	19.30	19.34			
3	64QAM	8	7	19.26	19.34	19.37	20.3	0	
3	64QAM	15	0	19.32	19.34	19.26			
Channel				19967	20175	20393			Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	19.30	19.35	19.28	20.3	0	
1.4	QPSK	1	3	19.33	19.34	19.24			
1.4	QPSK	1	5	19.33	19.35	19.34			
1.4	QPSK	3	0	19.31	19.34	19.29	20.3	0	
1.4	QPSK	3	1	19.26	19.38	19.27			
1.4	QPSK	3	3	19.35	19.35	19.25			
1.4	QPSK	6	0	19.28	19.30	19.31	20.3	0	
1.4	16QAM	1	0	19.25	19.31	19.37			
1.4	16QAM	1	3	19.29	19.38	19.35			
1.4	16QAM	1	5	19.35	19.35	19.26	20.3	0	
1.4	16QAM	3	0	19.28	19.38	19.33			
1.4	16QAM	3	1	19.34	19.29	19.37			
1.4	16QAM	3	3	19.28	19.27	19.30	20.3	0	
1.4	16QAM	6	0	19.26	19.39	19.24			
1.4	16QAM	1	0	19.27	19.28	19.25			
1.4	64QAM	1	3	19.37	19.29	19.35	20.3	0	
1.4	64QAM	1	5	19.27	19.32	19.31			
1.4	64QAM	3	0	19.30	19.33	19.34			
1.4	64QAM	3	1	19.25	19.38	19.30	20.3	0	
1.4	64QAM	3	3	19.38	19.30	19.35			
1.4	64QAM	6	0	19.32	19.29	19.26			

Band 5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	23.8	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.78	22.89	22.82			
10	QPSK	1	25	22.71	22.77	22.72			
10	QPSK	1	49	22.78	22.75	22.75	23.8	0	
10	QPSK	25	0	22.78	22.85	22.82			
10	QPSK	25	12	22.57	22.58	22.59			
10	QPSK	25	25	22.56	22.58	22.58			
10	QPSK	50	0	22.55	22.58	22.57	23.8	0	
10	16QAM	1	0	22.84	22.80	22.83			
10	16QAM	1	25	22.79	22.83	22.76			
10	16QAM	1	49	22.77	22.84	22.76			
10	16QAM	25	0	21.79	21.81	21.85	22.8	1	
10	16QAM	25	12	21.83	21.82	21.82			
10	16QAM	25	25	21.84	21.79	21.78			
10	16QAM	50	0	21.80	21.81	21.83			
10	64QAM	1	0	21.82	21.96	22.01	22.8	1	
10	64QAM	1	25	21.97	21.98	21.97			
10	64QAM	1	49	22.02	21.94	21.95			
10	64QAM	25	0	20.79	20.80	20.84			
10	64QAM	25	12	20.81	20.81	20.82	21.8	2	
10	64QAM	25	25	20.83	20.78	20.77			
10	64QAM	50	0	20.79	20.78	20.81			
Channel				20425	20525	20625	23.8	0	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.78	22.78	22.76			
5	QPSK	1	12	22.68	22.72	22.76			
5	QPSK	1	24	22.72	22.76	22.81	23.8	0	
5	QPSK	12	0	22.68	22.77	22.75			
5	QPSK	12	7	22.65	22.66	22.72			
5	QPSK	12	13	22.64	22.65	22.65			
5	QPSK	25	0	22.66	22.67	22.68	23.8	0	
5	16QAM	1	0	22.55	22.75	22.77			
5	16QAM	1	12	22.72	22.72	22.62			
5	16QAM	1	24	22.69	22.68	22.65			
5	16QAM	12	0	21.71	21.89	21.74	22.8	1	
5	16QAM	12	7	21.81	21.86	21.71			
5	16QAM	12	13	21.79	21.71	21.63			
5	16QAM	25	0	21.73	21.75	21.67			
5	64QAM	1	0	21.67	21.82	21.91	22.8	1	
5	64QAM	1	12	21.88	21.91	21.92			
5	64QAM	1	24	21.88	21.81	21.81			
5	64QAM	12	0	20.68	20.71	20.77			
5	64QAM	12	7	20.67	20.69	20.68	21.8	2	
5	64QAM	12	13	20.75	20.71	20.64			
5	64QAM	25	0	20.74	20.63	20.70			
Channel				20415	20525	20635	23.8	0	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.70	22.82	22.78			
3	QPSK	1	8	22.72	22.85	22.70			
3	QPSK	1	14	22.78	22.86	22.82	23.8	0	
3	QPSK	8	0	22.72	22.80	22.72			
3	QPSK	8	4	22.67	22.71	22.65			
3	QPSK	8	7	22.61	22.70	22.62			
3	QPSK	15	0	22.69	22.70	22.62	23.8	0	
3	16QAM	1	0	22.51	22.69	22.74			
3	16QAM	1	8	22.66	22.68	22.69			
3	16QAM	1	14	22.68	22.70	22.65			
3	16QAM	8	0	21.76	21.75	21.74	22.8	1	
3	16QAM	8	4	21.78	21.73	21.75			
3	16QAM	8	7	21.78	21.71	21.67			
3	16QAM	15	0	21.74	21.72	21.68			
3	64QAM	1	0	21.72	21.85	21.91	22.8	1	
3	64QAM	1	8	21.83	21.86	21.87			
3	64QAM	1	14	21.97	21.85	21.81			
3	64QAM	8	0	20.69	20.73	20.68			
3	64QAM	8	4	20.65	20.68	20.67	21.8	2	
3	64QAM	8	7	20.72	20.72	20.71			
3	64QAM	15	0	20.73	20.72	20.66			
Channel				20407	20525	20643	23.8	0	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	22.77	22.81	22.73			
1.4	QPSK	1	3	22.69	22.86	22.81			
1.4	QPSK	1	5	22.74	22.76	22.74	23.8	0	
1.4	QPSK	3	0	22.72	22.76	22.70			
1.4	QPSK	3	1	22.68	22.75	22.78			
1.4	QPSK	3	3	22.68	22.75	22.76			
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	0	
1.4	16QAM	1	0	22.44	22.45	22.51			
1.4	16QAM	1	3	22.43	22.46	22.53			
1.4	16QAM	1	5	22.40	22.50	22.50			
1.4	16QAM	3	0	22.59	22.65	22.71	23.8	0	
1.4	16QAM	3	1	22.54	22.70	22.64			
1.4	16QAM	3	3	22.66	22.72	22.65			
1.4	16QAM	6	0	21.71	21.70	21.77			
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	1	
1.4	64QAM	1	3	21.81	21.86	21.85			
1.4	64QAM	1	5	21.72	21.67	21.69			
1.4	64QAM	3	0	21.66	21.86	21.95			
1.4	64QAM	3	1	21.51	21.84	21.84	22.8	1	
1.4	64QAM	3	3	21.85	21.85	21.88			
1.4	64QAM	6	0	20.63	20.64	20.75			

Band 5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	24.8	0	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.83	23.85	23.81			
10	QPSK	1	25	23.77	23.71	23.76			
10	QPSK	1	49	23.78	23.76	23.76	23.8	1	
10	QPSK	25	0	22.76	22.78	22.75			
10	QPSK	25	12	22.72	22.75	22.73			
10	QPSK	25	25	22.75	22.73	22.74			
10	QPSK	50	0	22.74	22.75	22.74	23.8	1	
10	16QAM	1	0	22.84	23.03	23.01			
10	16QAM	1	25	22.94	22.90	22.95			
10	16QAM	1	49	22.97	22.93	22.93			
10	16QAM	25	0	21.71	21.70	21.71	22.8	2	
10	16QAM	25	12	21.73	21.69	21.71			
10	16QAM	25	25	21.74	21.68	21.68			
10	16QAM	50	0	21.74	21.71	21.69			
10	64QAM	1	0	21.75	21.94	21.87	22.8	2	
10	64QAM	1	25	21.87	21.88	21.85			
10	64QAM	1	49	21.89	21.88	21.92			
10	64QAM	25	0	20.70	20.68	20.70			
10	64QAM	25	12	20.73	20.67	20.73	21.8	3	
10	64QAM	25	25	20.74	20.68	20.67			
10	64QAM	50	0	20.73	20.69	20.69			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.8	0	
5	QPSK	1	0	23.77	23.81	23.74			
5	QPSK	1	12	23.70	23.65	23.61			
5	QPSK	1	24	23.76	23.67	23.65			
5	QPSK	12	0	22.58	22.58	22.58	23.8	1	
5	QPSK	12	7	22.67	22.66	22.69			
5	QPSK	12	13	22.74	22.68	22.64			
5	QPSK	25	0	22.73	22.71	22.71			
5	16QAM	1	0	22.80	22.97	22.99	23.8	1	
5	16QAM	1	12	22.88	22.88	22.81			
5	16QAM	1	24	22.91	22.90	22.79			
5	16QAM	12	0	21.69	21.58	21.67	22.8	2	
5	16QAM	12	7	21.71	21.63	21.66			
5	16QAM	12	13	21.61	21.59	21.67			
5	16QAM	25	0	21.66	21.68	21.61			
5	64QAM	1	0	21.61	21.92	21.79	22.8	2	
5	64QAM	1	12	21.82	21.73	21.76			
5	64QAM	1	24	21.86	21.86	21.85			
5	64QAM	12	0	20.69	20.54	20.66			
5	64QAM	12	7	20.59	20.64	20.58	21.8	3	
5	64QAM	12	13	20.64	20.55	20.61			
5	64QAM	25	0	20.69	20.60	20.63			
Channel				20415	20515	20615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	835.5	845.5	24.8	0	
3	QPSK	1	0	23.69	23.77	23.69			
3	QPSK	1	8	23.66	23.66	23.64			
3	QPSK	1	14	23.73	23.61	23.67			
3	QPSK	8	0	22.59	22.66	22.61	23.8	1	
3	QPSK	8	4	22.71	22.65	22.62			
3	QPSK	8	7	22.68	22.58	22.67			
3	QPSK	15	0	22.72	22.73	22.65			
3	16QAM	1	0	22.81	22.94	22.85	23.8	1	
3	16QAM	1	8	22.81	22.81	22.81			
3	16QAM	1	14	22.83	22.83	22.83			
3	16QAM	8	0	21.56	21.57	21.56	22.8	2	
3	16QAM	8	4	21.58	21.59	21.71			
3	16QAM	8	7	21.73	21.54	21.62			
3	16QAM	15	0	21.66	21.60	21.54			
3	64QAM	1	0	21.69	21.83	21.76	22.8	2	
3	64QAM	1	8	21.74	21.81	21.74			
3	64QAM	1	14	21.84	21.79	21.90			
3	64QAM	8	0	20.62	20.61	20.56			
3	64QAM	8	4	20.68	20.55	20.64	21.8	3	
3	64QAM	8	7	20.70	20.60	20.52			
3	64QAM	15	0	20.68	20.57	20.66			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3	24.8	0	
1.4	QPSK	1	0	23.73	23.83	23.66			
1.4	QPSK	1	3	23.71	23.62	23.65			
1.4	QPSK	1	5	23.76	23.62	23.67			
1.4	QPSK	3	0	23.77	23.72	23.75	23.8	1	
1.4	QPSK	3	1	23.74	23.63	23.74			
1.4	QPSK	3	3	23.70	23.65	23.61			
1.4	QPSK	6	0	22.61	22.67	22.58			
1.4	16QAM	1	0	22.64	22.69	22.69	23.8	1	
1.4	16QAM	1	3	22.69	22.69	22.69			
1.4	16QAM	1	5	22.70	22.73	22.72			
1.4	16QAM	3	0	22.83	22.85	22.96	22.8	2	
1.4	16QAM	3	1	22.82	22.85	22.91			
1.4	16QAM	3	3	22.86	22.90	22.88			
1.4	16QAM	6	0	21.56	21.68	21.61			
1.4	64QAM	1	0	21.70	21.66	21.65	22.8	2	
1.4	64QAM	1	3	21.61	21.57	21.65			
1.4	64QAM	1	5	21.66	21.69	21.67			
1.4	64QAM	3	0	21.59	21.60	21.67			
1.4	64QAM	3	1	21.67	21.57	21.65	21.8	3	
1.4	64QAM	3	3	21.67	21.69	21.62			
1.4	64QAM	6	0	20.62	20.66	20.57			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	15.3	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	14.33	14.44	14.30	15.3	0	
20	QPSK	1	49	14.23	14.26	14.17			
20	QPSK	1	99	14.24	14.23	14.26			
20	QPSK	50	0	14.26	14.31	14.26			
20	QPSK	50	24	14.20	14.23	14.09	15.3	0	
20	QPSK	50	50	14.17	14.29	14.18			
20	QPSK	100	0	14.14	14.32	14.18			
20	16QAM	1	0	14.09	14.13	14.22			
20	16QAM	1	49	14.30	14.23	14.19	15.3	0	
20	16QAM	1	99	14.06	14.21	14.23			
20	16QAM	50	0	14.14	14.22	14.17			
20	16QAM	50	24	14.20	14.14	14.23			
20	16QAM	50	50	14.10	14.21	14.26	15.3	0	
20	16QAM	100	0	14.25	14.24	14.25			
20	64QAM	1	0	14.16	14.23	14.24			
20	64QAM	1	49	14.33	14.15	14.20			
20	64QAM	1	99	14.06	14.27	14.26	15.3	0	
20	64QAM	50	0	14.28	14.25	14.23			
20	64QAM	50	24	14.20	14.31	14.16			
20	64QAM	50	50	14.24	14.22	14.20			
20	64QAM	100	0	14.14	14.31	14.25	15.3	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	14.27	14.38	14.22	15.3	0	
15	QPSK	1	37	14.21	14.28	14.13			
15	QPSK	1	74	14.23	14.28	14.30			
15	QPSK	36	0	14.26	14.23	14.25			
15	QPSK	36	20	14.23	14.22	14.18	15.3	0	
15	QPSK	36	39	14.22	14.25	14.30			
15	QPSK	75	0	14.15	14.28	14.20			
15	16QAM	1	0	14.21	14.18	14.24			
15	16QAM	1	37	14.28	14.30	14.19	15.3	0	
15	16QAM	1	74	14.17	14.20	14.23			
15	16QAM	36	0	14.19	14.26	14.29			
15	16QAM	36	20	14.26	14.11	14.13			
15	16QAM	36	39	14.20	14.19	14.26	15.3	0	
15	16QAM	75	0	14.21	14.23	14.15			
15	64QAM	1	0	14.27	14.30	14.20			
15	64QAM	1	37	14.25	14.24	14.21			
15	64QAM	1	74	14.11	14.33	14.21	15.3	0	
15	64QAM	36	0	14.19	14.26	14.21			
15	64QAM	36	20	14.09	14.28	14.17			
15	64QAM	36	39	14.16	14.16	14.20			
15	64QAM	75	0	14.18	14.29	14.30	15.3	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	14.33	14.40	14.28	15.3	0	
10	QPSK	1	25	14.17	14.28	14.09			
10	QPSK	1	49	14.25	14.35	14.25			
10	QPSK	25	0	14.27	14.23	14.30			
10	QPSK	25	12	14.26	14.23	14.11	15.3	0	
10	QPSK	25	25	14.17	14.21	14.31			
10	QPSK	50	0	14.12	14.31	14.12			
10	16QAM	1	0	14.13	14.13	14.26			
10	16QAM	1	25	14.29	14.29	14.30	15.3	0	
10	16QAM	1	49	14.13	14.25	14.12			
10	16QAM	25	0	14.17	14.29	14.25			
10	16QAM	25	12	14.21	14.22	14.16			
10	16QAM	25	25	14.19	14.14	14.31	15.3	0	
10	16QAM	50	0	14.21	14.26	14.20			
10	64QAM	1	0	14.26	14.27	14.26			
10	64QAM	1	25	14.33	14.25	14.20			
10	64QAM	1	49	14.11	14.25	14.26	15.3	0	
10	64QAM	25	0	14.31	14.34	14.27			
10	64QAM	25	12	14.12	14.23	14.21			
10	64QAM	25	25	14.17	14.16	14.20			
10	64QAM	50	0	14.22	14.34	14.20	15.3	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	14.26	14.38	14.30	15.3	0	
5	QPSK	1	12	14.25	14.28	14.14			
5	QPSK	1	24	14.18	14.26	14.25			
5	QPSK	12	0	14.19	14.27	14.25			
5	QPSK	12	7	14.26	14.10	14.15	15.3	0	
5	QPSK	12	13	14.26	14.21	14.24			
5	QPSK	25	0	14.16	14.32	14.20			
5	16QAM	1	0	14.14	14.17	14.26			
5	16QAM	1	12	14.22	14.26	14.29	15.3	0	
5	16QAM	1	24	14.09	14.21	14.17			
5	16QAM	12	0	14.23	14.18	14.26			
5	16QAM	12	7	14.25	14.23	14.14			
5	16QAM	12	13	14.22	14.14	14.29	15.3	0	
5	16QAM	25	0	14.20	14.21	14.20			
5	64QAM	1	0	14.14	14.26	14.27			
5	64QAM	1	12	14.22	14.17	14.11			
5	64QAM	1	24	14.17	14.23	14.20	15.3	0	
5	64QAM	12	0	14.19	14.32	14.20			
5	64QAM	12	7	14.08	14.32	14.23			
5	64QAM	12	13	14.16	14.25	14.18			
5	64QAM	25	0	14.14	14.25	14.17	15.3	0	

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	19.1	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	18.08	18.28	18.05	19.1	0	
20	QPSK	1	49	17.87	17.81	17.80			
20	QPSK	1	99	17.87	17.92	17.88			
20	QPSK	50	0	18.06	18.16	17.89			
20	QPSK	50	24	17.80	17.79	17.83	19.1	0	
20	QPSK	50	50	17.94	17.94	17.79			
20	QPSK	100	0	17.98	18.01	17.83			
20	16QAM	1	0	17.88	17.97	18.06			
20	16QAM	1	49	17.83	17.96	17.94	19.1	0	
20	16QAM	1	99	18.04	17.99	17.92			
20	16QAM	50	0	17.89	17.84	17.92			
20	16QAM	50	24	17.92	17.97	17.78			
20	16QAM	50	50	17.97	17.94	17.99	19.1	0	
20	16QAM	100	0	17.99	17.98	17.87			
20	64QAM	1	0	17.88	17.80	17.86			
20	64QAM	1	49	17.90	17.92	17.87			
20	64QAM	1	99	17.89	17.86	18.05	19.1	0	
20	64QAM	50	0	18.00	17.83	18.04			
20	64QAM	50	24	17.88	18.00	17.94			
20	64QAM	50	50	18.04	17.86	17.87			
20	64QAM	100	0	17.91	17.95	17.87	19.1	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	18.03	18.14	17.94	19.1	0	
15	QPSK	1	37	17.81	17.83	17.80			
15	QPSK	1	74	17.97	17.85	17.81			
15	QPSK	36	0	18.02	18.10	17.92			
15	QPSK	36	20	17.87	17.81	17.83	19.1	0	
15	QPSK	36	39	18.04	17.81	17.77			
15	QPSK	75	0	17.93	17.93	17.79			
15	16QAM	1	0	17.89	18.02	17.96			
15	16QAM	1	37	17.84	17.88	17.99	19.1	0	
15	16QAM	1	74	18.05	18.11	17.98			
15	16QAM	36	0	17.95	17.81	17.95			
15	16QAM	36	20	17.95	17.92	17.77			
15	16QAM	36	39	18.02	17.91	17.91	19.1	0	
15	16QAM	75	0	18.06	17.98	17.95			
15	64QAM	1	0	17.94	17.97	17.89			
15	64QAM	1	37	17.87	17.96	17.92			
15	64QAM	1	74	17.93	17.93	18.03	19.1	0	
15	64QAM	36	0	18.10	17.87	18.03			
15	64QAM	36	20	17.90	17.91	17.99			
15	64QAM	36	39	18.08	17.87	17.95			
15	64QAM	75	0	17.94	17.93	17.89	19.1	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	18.06	18.22	18.01	19.1	0	
10	QPSK	1	25	17.90	17.84	17.82			
10	QPSK	1	49	17.94	17.85	17.82			
10	QPSK	25	0	17.97	18.05	17.85			
10	QPSK	25	12	17.80	17.86	17.82	19.1	0	
10	QPSK	25	25	18.01	17.94	17.77			
10	QPSK	50	0	17.91	17.94	17.80			
10	16QAM	1	0	17.97	18.06	17.98			
10	16QAM	1	25	17.80	17.96	18.01	19.1	0	
10	16QAM	1	49	17.98	18.02	17.88			
10	16QAM	25	0	17.98	17.97	17.85			
10	16QAM	25	12	17.93	17.95	17.82			
10	16QAM	25	25	17.99	17.86	17.88	19.1	0	
10	16QAM	50	0	18.01	18.03	17.91			
10	64QAM	1	0	17.89	17.88	17.88			
10	64QAM	25	12	17.83	17.85	17.84			
10	64QAM	1	49	17.88	17.95	18.06	19.1	0	
10	64QAM	25	0	18.08	17.91	17.97			
10	64QAM	25	12	17.92	18.01	17.92			
10	64QAM	25	25	17.96	17.95	17.91			
10	64QAM	50	0	17.95	17.98	17.94	19.1	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	18.05	18.20	18.03	19.1	0	
5	QPSK	1	1	17.87	17.91	17.86			
5	QPSK	1	24	18.00	17.91	17.95			
5	QPSK	12	0	18.02	18.10	17.82			
5	QPSK	12	7	17.81	17.79	17.89	19.1	0	
5	QPSK	12	13	17.92	17.81	17.75			
5	QPSK	25	0	17.99	17.93	17.86			
5	16QAM	1	0	17.96	17.98	18.06			
5	16QAM	1	12	17.75	17.96	17.92	19.1	0	
5	16QAM	1	24	18.04	18.01	17.87			
5	16QAM	12	0	17.94	17.98	17.95			
5	16QAM	12	7	17.99	17.91	17.90			
5	16QAM	12	13	17.90	17.98	17.94	19.1	0	
5	16QAM	25	0	18.01	18.07	17.85			
5	64QAM	1	0	17.88	17.90	17.93			
5	64QAM	1	12	17.93	17.85	17.85			
5	64QAM	1	24	17.86	17.97	18.06	19.1	0	
5	64QAM	12	0	18.01	17.93	18.05			
5	64QAM	12	7	17.88	17.90	17.95			
5	64QAM	12	13	18.00	17.86	17.86			
5	64QAM	25	0	18.03	17.97	17.92	19.1	0	

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	24.3	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.53	23.56	23.51			
10	QPSK	1	25	23.32	23.40	23.37			
10	QPSK	1	49	23.52	23.40	23.35	23.8	0.5	
10	QPSK	25	0	22.97	22.95	22.95			
10	QPSK	25	12	22.96	22.95	22.93			
10	QPSK	25	25	22.95	22.96	22.93			
10	QPSK	50	0	22.96	22.97	22.94	23.8	0.5	
10	16QAM	1	0	23.17	23.13	23.22			
10	16QAM	1	25	23.12	23.22	23.16			
10	16QAM	1	49	23.32	23.24	23.18			
10	16QAM	25	0	21.88	21.92	21.89	22.8	1.5	
10	16QAM	25	12	21.96	21.95	21.91			
10	16QAM	25	25	21.98	21.94	21.93			
10	16QAM	50	0	21.92	21.95	21.94			
10	64QAM	1	0	21.99	22.04	22.09	22.8	1.5	
10	64QAM	1	25	22.05	22.07	22.07			
10	64QAM	1	49	22.13	22.16	22.12			
10	64QAM	25	0	20.87	20.91	20.90			
10	64QAM	25	12	20.94	20.93	20.89	21.8	2.5	
10	64QAM	25	25	20.96	20.92	20.91			
10	64QAM	50	0	20.93	20.93	20.93			
Channel				23035	23095	23155	24.3	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.40	23.47	23.41			
5	QPSK	1	12	23.28	23.46	23.29			
5	QPSK	1	24	23.50	23.39	23.40	23.8	0.5	
5	QPSK	12	0	22.94	22.92	22.81			
5	QPSK	12	7	22.94	22.85	22.90			
5	QPSK	12	13	22.88	22.94	22.84			
5	QPSK	25	0	22.90	22.90	22.87	23.8	0.5	
5	16QAM	1	0	23.02	23.12	23.20			
5	16QAM	1	12	22.98	23.16	23.12			
5	16QAM	1	24	23.29	23.20	23.06			
5	16QAM	12	0	21.78	21.82	21.86	22.8	1.5	
5	16QAM	12	7	21.94	21.93	21.86			
5	16QAM	12	13	21.90	21.91	21.91			
5	16QAM	25	0	21.91	21.81	21.87			
5	64QAM	1	0	21.97	21.91	22.06	22.8	1.5	
5	64QAM	1	12	21.93	22.03	22.01			
5	64QAM	1	24	22.01	22.09	22.07			
5	64QAM	12	0	20.72	20.77	20.85			
5	64QAM	12	7	20.85	20.82	20.78	21.8	2.5	
5	64QAM	12	13	20.94	20.84	20.89			
5	64QAM	25	0	20.88	20.79	20.86			
Channel				23025	23095	23165	24.3	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.51	23.52	23.40			
3	QPSK	1	8	23.29	23.41	23.34			
3	QPSK	1	14	23.39	23.41	23.35	23.8	0.5	
3	QPSK	8	0	22.95	22.86	22.91			
3	QPSK	8	4	22.83	22.91	22.87			
3	QPSK	8	7	22.81	22.84	22.91			
3	QPSK	15	0	22.87	22.91	22.89	23.8	0.5	
3	16QAM	1	0	23.04	23.12	23.09			
3	16QAM	1	8	23.11	23.15	23.11			
3	16QAM	1	14	23.26	23.15	23.13			
3	16QAM	8	0	21.77	21.85	21.86	22.8	1.5	
3	16QAM	8	4	21.85	21.87	21.90			
3	16QAM	8	7	21.91	21.93	21.83			
3	16QAM	15	0	21.78	21.90	21.88			
3	64QAM	1	0	21.93	21.97	22.02	22.8	1.5	
3	64QAM	1	8	21.90	21.93	21.94			
3	64QAM	1	14	21.98	22.03	22.10			
3	64QAM	8	0	20.86	20.86	20.79			
3	64QAM	8	4	20.79	20.92	20.82	21.8	2.5	
3	64QAM	8	7	20.89	20.79	20.90			
3	64QAM	15	0	20.92	20.92	20.82			
Channel				23017	23095	23173	24.3	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.51	23.53	23.51			
1.4	QPSK	1	3	23.36	23.37	23.33			
1.4	QPSK	1	5	23.39	23.45	23.34	23.8	0.5	
1.4	QPSK	3	0	23.42	23.48	23.45			
1.4	QPSK	3	1	23.40	23.46	23.36			
1.4	QPSK	3	3	23.40	23.47	23.38			
1.4	QPSK	6	0	22.86	22.97	22.91	23.8	0.5	
1.4	16QAM	1	0	22.93	22.88	22.85			
1.4	16QAM	1	3	22.89	22.91	22.86			
1.4	16QAM	1	5	22.89	22.95	22.83			
1.4	16QAM	3	0	23.06	23.08	23.19	22.8	1.5	
1.4	16QAM	3	1	23.01	23.10	23.04			
1.4	16QAM	3	3	23.30	23.20	23.04			
1.4	16QAM	6	0	21.79	21.77	21.88			
1.4	64QAM	1	0	21.79	21.84	21.85	22.8	1.5	
1.4	64QAM	1	3	21.82	21.84	21.84			
1.4	64QAM	1	5	21.83	21.77	21.80			
1.4	64QAM	3	0	21.78	21.77	21.87			
1.4	64QAM	3	1	21.75	21.88	21.86	21.8	2.5	
1.4	64QAM	3	3	21.75	21.86	21.74			
1.4	64QAM	6	0	20.82	20.81	20.80			

Band 13_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			24.8	0	
Frequency (MHz)				782					
10	QPSK	1	0	23.98					
10	QPSK	1	25	23.94					
10	QPSK	1	49	23.90			23.8	1	
10	QPSK	25	0	22.97					
10	QPSK	25	12	22.89					
10	QPSK	25	25	22.92					
10	QPSK	50	0	22.90			23.8	1	
10	16QAM	1	0	23.10					
10	16QAM	1	25	23.15					
10	16QAM	1	49	23.13					
10	16QAM	25	0	21.93			22.8	2	
10	16QAM	25	12	21.91					
10	16QAM	25	25	21.96					
10	16QAM	50	0	21.94					
10	64QAM	1	0	22.07			22.8	2	
10	64QAM	1	25	22.07					
10	64QAM	1	49	22.12					
10	64QAM	25	0	20.91					
10	64QAM	25	12	20.90			21.8	3	
10	64QAM	25	25	20.94					
10	64QAM	50	0	20.93					
Channel				23205	23230	23255	24.8	0	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	23.83	23.89	23.89			
5	QPSK	1	12	23.86	23.84	23.89			
5	QPSK	1	24	23.80	23.74	23.85	23.8	1	
5	QPSK	12	0	22.88	22.83	22.83			
5	QPSK	12	7	22.77	22.77	22.76			
5	QPSK	12	13	22.87	22.79	22.83			
5	QPSK	25	0	22.81	22.80	22.82	23.8	1	
5	16QAM	1	0	22.96	23.01	23.01			
5	16QAM	1	12	23.08	23.03	23.04			
5	16QAM	1	24	23.05	23.07	23.08			
5	16QAM	12	0	21.90	21.77	21.94	22.8	2	
5	16QAM	12	7	21.83	21.79	21.82			
5	16QAM	12	13	21.92	21.81	21.87	22.8	2	
5	16QAM	25	0	21.89	21.85	21.88			
5	64QAM	1	0	22.02	22.00	22.00			
5	64QAM	1	12	22.02	21.98	21.96			
5	64QAM	1	24	22.02	21.99	21.97	22.8	2	
5	64QAM	12	0	20.90	20.84	20.76			
5	64QAM	12	7	20.85	20.74	20.81			
5	64QAM	12	13	20.78	20.84	20.79			
5	64QAM	25	0	20.88	20.84	20.79	21.8	3	

Band 17_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	23.8	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.81	22.83	22.81			
10	QPSK	1	25	22.57	22.72	22.64	23.8	0	
10	QPSK	1	49	22.75	22.70	22.80			
10	QPSK	25	0	22.93	22.95	22.93			
10	QPSK	25	12	22.25	22.26	22.27	23.8	0	
10	QPSK	25	25	22.30	22.31	22.31			
10	QPSK	50	0	22.29	22.32	22.26			
10	16QAM	1	0	22.43	22.51	22.44	23.8	0	
10	16QAM	1	25	22.56	22.53	22.51			
10	16QAM	1	49	22.57	22.52	22.49			
10	16QAM	25	0	21.73	21.73	21.71	22.8	1	
10	16QAM	25	12	21.72	21.74	21.73			
10	16QAM	25	25	21.79	21.79	21.78			
10	16QAM	50	0	21.79	21.77	21.74	22.8	1	
10	64QAM	1	0	21.84	21.83	21.83			
10	64QAM	1	25	21.96	21.96	21.93			
10	64QAM	1	49	21.98	21.97	21.93	21.8	2	
10	64QAM	25	0	20.72	20.70	20.69			
10	64QAM	25	12	20.71	20.74	20.73			
10	64QAM	25	25	20.77	20.80	20.75	21.8	2	
10	64QAM	50	0	20.75	20.75	20.72			
Channel				23755	23790	23825	23.8	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.78	22.82	22.78			
5	QPSK	1	12	22.59	22.77	22.70	23.8	0	
5	QPSK	1	24	22.71	22.77	22.71			
5	QPSK	12	0	22.19	22.21	22.21			
5	QPSK	12	7	22.15	22.14	22.15	23.8	0	
5	QPSK	12	13	22.15	22.26	22.24			
5	QPSK	25	0	22.13	22.24	22.19			
5	16QAM	1	0	22.32	22.37	22.35	23.8	0	
5	16QAM	1	12	22.47	22.48	22.41			
5	16QAM	1	24	22.43	22.38	22.33			
5	16QAM	12	0	21.70	21.57	21.55	22.8	1	
5	16QAM	12	7	21.65	21.66	21.68			
5	16QAM	12	13	21.71	21.74	21.68			
5	16QAM	25	0	21.75	21.63	21.58	22.8	1	
5	64QAM	1	0	21.74	21.84	21.78			
5	64QAM	1	12	21.89	21.81	21.87			
5	64QAM	1	24	21.87	21.86	21.85	21.8	2	
5	64QAM	12	0	20.57	20.59	20.54			
5	64QAM	12	7	20.55	20.67	20.64			
5	64QAM	12	13	20.70	20.66	20.63	21.8	2	
5	64QAM	25	0	20.63	20.67	20.63			

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	24.3	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.94	22.95	22.90			
10	QPSK	1	25	22.70	22.68	22.67	23.8	0.5	
10	QPSK	1	49	22.86	22.77	22.73			
10	QPSK	25	0	22.85	22.87	22.85			
10	QPSK	25	12	22.55	22.52	22.51	23.8	0.5	
10	QPSK	25	25	22.57	22.53	22.51			
10	QPSK	50	0	22.56	22.63	22.50			
10	16QAM	1	0	22.73	22.88	22.84	23.8	0.5	
10	16QAM	1	25	22.79	22.80	22.78			
10	16QAM	1	49	22.77	22.80	22.78			
10	16QAM	25	0	21.84	21.81	21.80	22.8	1.5	
10	16QAM	25	12	21.82	21.80	21.79			
10	16QAM	25	25	21.83	21.81	21.78			
10	16QAM	50	0	21.86	21.81	21.78	22.8	1.5	
10	64QAM	1	0	21.96	21.99	22.02			
10	64QAM	1	25	22.00	21.92	21.96			
10	64QAM	1	49	22.05	22.02	22.02	21.8	2.5	
10	64QAM	25	0	20.82	20.80	20.79			
10	64QAM	25	12	20.83	20.80	20.79			
10	64QAM	25	25	20.83	20.79	20.77	21.8	2.5	
10	64QAM	50	0	20.82	20.80	20.78			
Channel				23755	23790	23825	24.3	0	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.85	22.87	22.86			
5	QPSK	1	12	22.71	22.70	22.68	23.8	0	
5	QPSK	1	24	22.86	22.80	22.80			
5	QPSK	12	0	22.53	22.54	22.51			
5	QPSK	12	7	22.41	22.39	22.43	23.8	0.5	
5	QPSK	12	13	22.42	22.38	22.40			
5	QPSK	25	0	22.41	22.51	22.35			
5	16QAM	1	0	22.72	22.78	22.75	23.8	0.5	
5	16QAM	1	12	22.76	22.69	22.67			
5	16QAM	1	24	22.74	22.70	22.70			
5	16QAM	12	0	21.72	21.68	21.69	22.8	1.5	
5	16QAM	12	7	21.79	21.70	21.75			
5	16QAM	12	13	21.68	21.79	21.71			
5	16QAM	25	0	21.85	21.66	21.69	22.8	1.5	
5	64QAM	1	0	21.95	21.91	21.97			
5	64QAM	1	12	21.87	21.87	21.95			
5	64QAM	1	24	22.01	22.00	21.99	21.8	2.5	
5	64QAM	12	0	20.79	20.71	20.76			
5	64QAM	12	7	20.74	20.77	20.76			
5	64QAM	12	13	20.69	20.64	20.67	21.8	2.5	
5	64QAM	25	0	20.68	20.65	20.76			

Band 26_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26785	26865	26965	23.8	0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	22.89	22.92	22.84			
15	QPSK	1	37	22.76	22.77	22.77	23.8	0	
15	QPSK	1	74	22.71	22.69	22.64			
15	QPSK	36	0	22.87	22.89	22.80			
15	QPSK	36	20	22.85	22.73	22.70	23.8	0	
15	QPSK	36	39	22.64	22.74	22.67			
15	QPSK	75	0	22.77	22.76	22.76			
15	16QAM	1	0	22.72	22.71	22.72	23.8	0	
15	16QAM	1	37	22.81	22.73	22.73			
15	16QAM	1	74	22.72	22.70	22.65			
15	16QAM	36	0	21.93	21.72	21.80	22.8	1	
15	16QAM	36	20	21.93	21.92	21.92			
15	16QAM	36	39	21.95	21.90	21.89			
15	16QAM	75	0	21.95	21.95	21.94	22.8	1	
15	64QAM	1	0	22.06	22.09	22.06			
15	64QAM	1	37	22.02	22.06	22.06			
15	64QAM	1	74	22.11	22.01	22.03	21.8	2	
15	64QAM	36	0	20.95	20.96	20.93			
15	64QAM	36	20	20.94	20.92	20.94			
15	64QAM	36	39	20.96	20.91	20.89	21.8	2	
15	64QAM	75	0	20.93	20.93	20.93			
Channel				26740	26865	26990	23.8	0	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	22.83	22.75	22.83			
10	QPSK	1	25	22.82	22.74	22.73	23.8	0	
10	QPSK	1	49	22.66	22.83	22.70			
10	QPSK	25	0	22.81	22.88	22.			

Band 26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	23.93	23.95	23.92	24.8	0	
15	QPSK	1	37	23.90	23.86	23.87			
15	QPSK	1	74	23.84	23.82	23.78			
15	QPSK	36	0	22.85	22.85	22.83	23.8	1	
15	QPSK	36	39	22.80	22.76	22.72			
15	QPSK	75	0	22.80	22.85	22.74			
15	16QAM	1	0	23.07	23.08	23.08	23.8	1	
15	16QAM	1	37	23.04	23.11	23.04			
15	16QAM	1	74	23.06	22.99	23.07			
15	16QAM	36	0	21.83	21.80	21.78	22.8	2	
15	16QAM	36	39	21.79	21.79	21.76			
15	16QAM	75	0	21.83	21.80	21.79			
15	64QAM	1	0	22.00	21.91	21.97	22.8	2	
15	64QAM	1	37	21.96	22.00	21.95			
15	64QAM	1	74	21.96	21.96	21.93			
15	64QAM	36	0	20.83	20.81	20.80	21.8	3	
15	64QAM	36	39	20.81	20.81	20.78			
15	64QAM	75	0	20.82	20.79	20.76			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.84	23.94	23.78	24.8	0	
10	QPSK	1	25	23.76	23.79	23.86			
10	QPSK	1	49	23.81	23.73	23.62			
10	QPSK	25	0	22.79	22.78	22.71	23.8	1	
10	QPSK	25	12	22.78	22.65	22.66			
10	QPSK	25	25	22.68	22.71	22.68			
10	QPSK	50	0	22.66	22.70	22.62	23.8	1	
10	16QAM	1	0	22.97	22.97	22.99			
10	16QAM	1	25	22.98	23.04	23.01			
10	16QAM	1	49	23.03	22.95	22.92	22.8	2	
10	16QAM	25	0	21.70	21.77	21.77			
10	16QAM	25	12	21.72	21.63	21.64			
10	16QAM	25	25	21.71	21.73	21.65	22.8	2	
10	16QAM	50	0	21.75	21.76	21.66			
10	64QAM	1	0	21.89	21.79	21.82			
10	64QAM	1	25	21.88	21.95	21.80	22.8	2	
10	64QAM	1	49	21.86	21.76	21.88			
10	64QAM	25	0	20.71	20.76	20.74			
10	64QAM	25	12	20.78	20.64	20.75	21.8	3	
10	64QAM	25	25	20.76	20.80	20.72			
10	64QAM	50	0	20.68	20.70	20.65			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	23.82	23.83	23.90	24.8	0	
5	QPSK	1	12	23.80	23.80	23.75			
5	QPSK	1	24	23.80	23.80	23.73			
5	QPSK	12	0	22.71	22.80	22.77	23.8	1	
5	QPSK	12	7	22.74	22.65	22.57			
5	QPSK	12	13	22.79	22.64	22.58			
5	QPSK	25	0	22.74	22.79	22.66	23.8	1	
5	16QAM	1	0	23.04	23.05	23.00			
5	16QAM	1	12	22.92	23.06	23.01			
5	16QAM	1	24	22.97	22.90	22.96	22.8	2	
5	16QAM	12	0	21.81	21.68	21.77			
5	16QAM	12	7	21.72	21.69	21.72			
5	16QAM	12	13	21.69	21.77	21.75	22.8	2	
5	16QAM	25	0	21.71	21.72	21.70			
5	64QAM	1	0	21.99	21.89	21.82			
5	64QAM	1	12	21.95	21.89	21.93	22.8	2	
5	64QAM	1	24	21.91	21.84	21.85			
5	64QAM	12	0	20.73	20.72	20.75			
5	64QAM	12	7	20.78	20.74	20.67	21.8	3	
5	64QAM	12	13	20.71	20.78	20.69			
5	64QAM	25	0	20.76	20.67	20.66			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.84	23.84	23.89	24.8	0	
3	QPSK	1	8	23.81	23.74	23.81			
3	QPSK	1	14	23.82	23.67	23.69			
3	QPSK	8	0	22.62	22.81	22.80	23.8	1	
3	QPSK	8	4	22.74	22.75	22.71			
3	QPSK	8	7	22.67	22.75	22.71			
3	QPSK	15	0	22.73	22.82	22.71	23.8	1	
3	16QAM	1	0	23.06	23.03	22.98			
3	16QAM	1	8	22.94	23.08	22.94			
3	16QAM	1	14	22.98	22.89	22.89	23.8	1	
3	16QAM	8	0	21.69	21.73	21.77			
3	16QAM	8	4	21.68	21.63	21.64			
3	16QAM	8	7	21.70	21.71	21.69	22.8	2	
3	16QAM	15	0	21.73	21.70	21.71			
3	64QAM	1	0	21.91	21.81	21.89			
3	64QAM	1	8	21.82	21.96	21.92	22.8	2	
3	64QAM	1	14	21.91	21.88	21.82			
3	64QAM	8	0	20.70	20.70	20.67			
3	64QAM	8	4	20.79	20.75	20.70	21.8	3	
3	64QAM	8	7	20.78	20.68	20.76			
3	64QAM	15	0	20.69	20.66	20.70			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	23.89	23.93	23.78	24.8	0	
1.4	QPSK	1	3	23.82	23.78	23.74			
1.4	QPSK	1	5	23.82	23.67	23.63			
1.4	QPSK	3	0	23.67	23.92	23.87	23.8	1	
1.4	QPSK	3	1	23.85	23.74	23.86			
1.4	QPSK	3	3	23.80	23.69	23.66			
1.4	QPSK	6	0	22.83	22.79	22.78	23.8	1	
1.4	16QAM	1	0	22.71	22.62	22.59			
1.4	16QAM	1	3	22.74	22.67	22.62			
1.4	16QAM	1	5	22.79	22.77	22.60	23.8	1	
1.4	16QAM	3	0	22.94	22.94	22.95			
1.4	16QAM	3	1	23.00	23.01	22.99			
1.4	16QAM	3	3	23.02	22.87	22.94	22.8	2	
1.4	16QAM	6	0	21.78	21.69	21.72			
1.4	64QAM	1	0	21.82	21.71	21.71			
1.4	64QAM	1	3	21.74	21.77	21.62	22.8	2	
1.4	64QAM	1	5	21.77	21.72	21.77			
1.4	64QAM	3	0	21.92	21.84	21.86			
1.4	64QAM	3	1	21.87	21.96	21.87	21.8	3	
1.4	64QAM	3	3	21.88	21.87	21.90			
1.4	64QAM	6	0	20.72	20.71	20.75			

Band 66_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	19.46	19.55	19.50	20.3	0	
20	QPSK	1	49	19.38	19.45	19.36			
20	QPSK	1	99	19.41	19.44	19.42			
20	QPSK	50	0	19.44	19.51	19.44	20.3	0	
20	QPSK	50	24	19.41	19.50	19.33			
20	QPSK	50	50	19.41	19.38	19.27			

Band 66_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	18.97	19.10	19.00	19.8	0		
20	QPSK	1	49	18.91	19.05	18.91				
20	QPSK	1	99	18.95	18.97	18.81				
20	QPSK	50	0	18.91	19.05	18.95	19.8	0		
20	QPSK	50	24	18.86	19.04	18.84				
20	QPSK	50	50	18.88	18.98	18.91				
20	QPSK	100	0	18.91	18.97	18.90	19.8	0		
20	16QAM	1	0	18.96	18.86	18.84				
20	16QAM	1	49	19.03	18.90	18.83				
20	16QAM	1	99	18.92	18.91	18.91	19.8	0		
20	16QAM	50	0	18.80	18.87	18.93				
20	16QAM	50	24	18.80	18.86	18.87				
20	16QAM	50	50	18.90	18.95	18.97	19.8	0		
20	16QAM	100	0	18.98	18.84	18.87				
20	64QAM	1	0	18.97	18.76	18.93				
20	64QAM	1	49	18.91	18.84	18.84	19.8	0		
20	64QAM	1	99	18.93	18.81	18.94				
20	64QAM	50	0	18.89	18.93	18.87				
20	64QAM	50	24	18.86	18.89	18.90	19.8	0		
20	64QAM	50	50	18.93	18.93	18.90				
20	64QAM	100	0	18.83	18.81	18.93				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	18.84	19.00	18.89	19.8	0		
15	QPSK	1	37	18.82	18.97	18.82				
15	QPSK	1	74	18.90	18.95	18.78				
15	QPSK	36	0	18.88	19.03	18.97	19.8	0		
15	QPSK	36	20	18.81	18.96	18.90				
15	QPSK	36	39	18.83	18.85	18.95				
15	QPSK	75	0	18.87	18.90	18.84	19.8	0		
15	16QAM	1	0	18.92	18.85	18.81				
15	16QAM	1	37	18.87	18.90	18.87				
15	16QAM	1	74	18.96	18.90	18.86	19.8	0		
15	16QAM	36	0	18.80	18.92	18.84				
15	16QAM	36	20	18.88	18.80	18.77				
15	16QAM	36	39	18.86	18.82	18.83	19.8	0		
15	16QAM	75	0	18.88	18.73	18.77				
15	64QAM	1	0	18.90	18.73	18.87				
15	64QAM	1	37	18.93	18.81	18.76	19.8	0		
15	64QAM	1	74	18.88	18.76	18.96				
15	64QAM	36	0	18.78	18.89	18.87				
15	64QAM	36	20	18.89	18.90	18.97	19.8	0		
15	64QAM	36	39	18.79	18.99	18.89				
15	64QAM	75	0	18.84	18.80	18.91				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	18.88	19.06	18.95	19.8	0		
10	QPSK	1	25	18.87	18.97	18.77				
10	QPSK	1	49	18.82	18.85	18.85				
10	QPSK	25	0	18.82	18.90	18.97	19.8	0		
10	QPSK	25	12	18.83	19.02	18.84				
10	QPSK	25	25	18.82	18.87	18.95				
10	QPSK	50	0	18.82	18.85	18.81	19.8	0		
10	16QAM	1	0	18.92	18.90	18.87				
10	16QAM	1	25	18.95	18.95	18.83				
10	16QAM	1	49	18.84	18.90	18.97	19.8	0		
10	16QAM	25	0	18.77	18.85	18.95				
10	16QAM	25	12	18.87	18.88	18.77				
10	16QAM	25	25	18.84	18.83	18.91	19.8	0		
10	16QAM	50	0	18.85	18.70	18.78				
10	64QAM	1	0	18.95	18.80	18.86				
10	64QAM	1	25	18.95	18.78	18.82	19.8	0		
10	64QAM	1	49	18.91	18.78	18.95				
10	64QAM	25	0	18.79	18.91	18.75				
10	64QAM	25	12	18.91	18.89	18.86	19.8	0		
10	64QAM	25	25	18.89	18.87	18.84				
10	64QAM	50	0	18.76	18.73	18.87				
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	18.91	19.04	18.90	19.8	0		
5	QPSK	1	12	18.82	18.89	18.81				
5	QPSK	1	24	18.86	18.95	18.79				
5	QPSK	12	0	18.84	19.01	18.91	19.8	0		
5	QPSK	12	7	18.78	18.93	18.93				
5	QPSK	12	13	18.90	18.97	18.86				
5	QPSK	25	0	18.86	18.84	18.93	19.8	0		
5	16QAM	1	0	18.87	18.88	18.79				
5	16QAM	1	12	18.99	18.93	18.85				
5	16QAM	1	24	18.94	18.85	18.98	19.8	0		
5	16QAM	12	0	18.70	18.96	18.88				
5	16QAM	12	7	18.96	18.85	18.89				
5	16QAM	12	13	18.85	18.85	18.84	19.8	0		
5	16QAM	25	0	18.82	18.68	18.83				
5	64QAM	1	0	18.85	18.78	18.84				
5	64QAM	1	12	18.93	18.82	18.88	19.8	0		
5	64QAM	1	24	18.84	18.77	18.96				
5	64QAM	12	0	18.81	18.91	18.84				
5	64QAM	12	7	18.90	18.90	18.92	19.8	0		
5	64QAM	12	13	18.91	18.86	18.88				
5	64QAM	25	0	18.78	18.71	18.90				
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	18.85	19.02	18.98	19.8	0		
3	QPSK	1	8	18.82	18.97	18.76				
3	QPSK	1	14	18.90	18.87	18.81				
3	QPSK	8	0	18.86	18.99	18.85	19.8	0		
3	QPSK	8	4	18.85	19.00	18.92				
3	QPSK	8	7	18.89	18.98	18.84				
3	QPSK	15	0	18.85	18.92	18.88	19.8	0		
3	16QAM	1	0	18.91	18.86	18.79				
3	16QAM	1	8	18.90	18.87	18.88				
3	16QAM	1	14	18.94	18.79	18.98	19.8	0		
3	16QAM	8	0	18.74	18.83	18.85				
3	16QAM	8	4	18.91	18.84	18.81				
3	16QAM	8	7	18.84	18.79	18.89	19.8	0		
3	16QAM	15	0	18.90	18.70	18.85				
3	64QAM	1	0	18.84	18.68	18.89				
3	64QAM	1	8	18.83	18.88	18.87	19.8	0		
3	64QAM	1	14	18.82	18.72	18.93				
3	64QAM	8	0	18.80	18.89	18.87				
3	64QAM	8	4	18.85	18.90	18.93	19.8	0		
3	64QAM	8	7	18.91	18.89	18.91				
3	64QAM	15	0	18.82	18.75	18.90				
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	18.90	19.07	18.90	19.8	0		
1.4	QPSK	1	3	18.80	18.92	18.79				
1.4	QPSK	1	5	18.81	18.93	18.81				
1.4	QPSK	3	0	18.86	18.96	18.85	19.8	0		
1.4	QPSK	3	1	18.81	19.02	18.92				
1.4	QPSK	3	3	18.80	18.87	18.94				
1.4	QPSK	6	0	18.89	18.82	18.82	19.8	0		
1.4	16QAM	1	0	18.89	18.79	18.90				
1.4	16QAM	1	3	18.89	18.86	18.91	19.8	0		
1.4	16QAM	1	5	18.86	18.82	18.90				
1.4	16QAM	3	0	18.79	18.86	18.87				
1.4	16QAM	3	1	18.86	18.89	18.80	19.8	0		
1.4	16QAM	3	3	18.93	18.89	18.79				
1.4	16QAM	6	0	18.86	18.80	18.86				
1.4	64QAM	1	0	18.87	18.68	18.86	19.8	0		
1.4	64QAM	1	3	18.85	18.86	18.81				
1.4	64QAM	1	5	18.89	18.74	18.87				
1.4	64QAM	3	0	18.82	18.69	18.81	19.8	0		
1.4	64QAM	3	1	18.95	18.90	18.87				
1.4	64QAM	3	3	18.90	18.91	18.85				
1.4	64QAM	6	0	18.76	18.73	18.78	19.8	0		

Band 38_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	21.3	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	20.47	20.53	20.42			
20	QPSK	1	49	20.39	20.20	20.22	21.3	0	
20	QPSK	1	99	20.38	20.14	20.22			
20	QPSK	50	0	20.48	20.49	20.32			
20	QPSK	50	24	20.42	20.30	20.21	21.3	0	
20	QPSK	50	50	20.42	20.26	20.22			
20	QPSK	100	0	20.39	20.44	20.27			
20	16QAM	1	0	20.33	20.36	20.29	21.3	0	
20	16QAM	1	49	20.46	20.35	20.22			
20	16QAM	1	99	20.42	20.20	20.19			
20	16QAM	50	0	20.43	20.30	20.31	21.3	0	
20	16QAM	50	24	20.45	20.50	20.30			
20	16QAM	50	50	20.39	20.27	20.21			
20	16QAM	100	0	20.45	20.27	20.20	21.3	0	
20	16QAM	1	0	20.37	20.38	20.29			
20	16QAM	1	49	20.33	20.28	20.20			
20	64QAM	1	99	20.42	20.20	20.19	21.3	0	
20	64QAM	50	0	20.36	20.48	20.19			
20	64QAM	50	24	20.36	20.28	20.26			
20	64QAM	50	50	20.49	20.35	20.24	21.3	0	
20	64QAM	100	0	20.48	20.34	20.31			
Channel				37825	38000	38175	21.3	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	20.41	20.52	20.41			
15	QPSK	1	37	20.27	20.23	20.33	21.3	0	
15	QPSK	1	74	20.35	20.22	20.25			
15	QPSK	36	0	20.39	20.47	20.40			
15	QPSK	36	20	20.37	20.29	20.30	21.3	0	
15	QPSK	36	39	20.42	20.29	20.21			
15	QPSK	75	0	20.33	20.49	20.26			
15	16QAM	1	0	20.34	20.35	20.26	21.3	0	
15	16QAM	1	37	20.42	20.32	20.33			
15	16QAM	1	74	20.37	20.38	20.27			
15	16QAM	36	0	20.33	20.35	20.30	21.3	0	
15	16QAM	36	20	20.40	20.49	20.23			
15	16QAM	36	39	20.36	20.30	20.30			
15	16QAM	75	0	20.45	20.38	20.27	21.3	0	
15	64QAM	1	0	20.48	20.29	20.27			
15	64QAM	1	37	20.39	20.23	20.20			
15	64QAM	1	74	20.40	20.24	20.22	21.3	0	
15	64QAM	36	0	20.36	20.42	20.25			
15	64QAM	36	20	20.36	20.25	20.22			
15	64QAM	36	39	20.42	20.29	20.28	21.3	0	
15	64QAM	75	0	20.37	20.36	20.24			
Channel				37800	38000	38200	21.3	0	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	20.47	20.41	20.36			
10	QPSK	1	25	20.32	20.21	20.22	21.3	0	
10	QPSK	1	49	20.34	20.18	20.27			
10	QPSK	1	20	20.43	20.44	20.40			
10	QPSK	25	12	20.35	20.32	20.17	21.3	0	
10	QPSK	25	25	20.33	20.31	20.20			
10	QPSK	50	0	20.37	20.39	20.17			
10	16QAM	1	0	20.41	20.29	20.26	21.3	0	
10	16QAM	1	25	20.39	20.37	20.30			
10	16QAM	1	49	20.46	20.32	20.29			
10	16QAM	25	0	20.35	20.24	20.26	21.3	0	
10	16QAM	25	12	20.37	20.46	20.27			
10	16QAM	25	25	20.44	20.37	20.29			
10	16QAM	50	0	20.42	20.31	20.23	21.3	0	
10	64QAM	1	0	20.47	20.34	20.31			
10	64QAM	1	25	20.35	20.32	20.23			
10	64QAM	1	49	20.38	20.32	20.19	21.3	0	
10	64QAM	25	0	20.45	20.44	20.28			
10	64QAM	25	12	20.33	20.36	20.20			
10	64QAM	25	25	20.45	20.30	20.27	21.3	0	
10	64QAM	50	0	20.38	20.32	20.30			
Channel				37775	38000	38225	21.3	0	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	20.45	20.44	20.44			
5	QPSK	1	12	20.37	20.16	20.28	21.3	0	
5	QPSK	1	24	20.35	20.16	20.24			
5	QPSK	12	0	20.46	20.45	20.39			
5	QPSK	12	7	20.47	20.32	20.18	21.3	0	
5	QPSK	12	13	20.45	20.24	20.23			
5	QPSK	25	0	20.45	20.46	20.18			
5	16QAM	1	0	20.38	20.37	20.26	21.3	0	
5	16QAM	1	12	20.47	20.38	20.30			
5	16QAM	1	24	20.39	20.35	20.31			
5	16QAM	12	0	20.33	20.24	20.21	21.3	0	
5	16QAM	12	7	20.35	20.38	20.18			
5	16QAM	12	13	20.33	20.36	20.20			
5	16QAM	25	0	20.45	20.29	20.21	21.3	0	
5	64QAM	1	0	20.35	20.31	20.31			
5	64QAM	1	12	20.46	20.33	20.30			
5	64QAM	1	24	20.43	20.35	20.19	21.3	0	
5	64QAM	12	0	20.45	20.42	20.17			
5	64QAM	12	7	20.45	20.27	20.20			
5	64QAM	12	13	20.50	20.27	20.26	21.3	0	
5	64QAM	25	0	20.44	20.27	20.32			

Band 38_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	17.3	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	16.21	16.41	16.20			
20	QPSK	1	49	16.14	16.13	16.15	17.3	0	
20	QPSK	1	99	16.16	16.21	16.08			
20	QPSK	50	0	16.20	16.26	16.19			
20	QPSK	50	24	16.07	16.18	16.07	17.3	0	
20	QPSK	50	50	16.10	16.09	16.17			
20	QPSK	100	0	16.16	16.17	16.03			
20	16QAM	1	0	16.13	16.24	16.14	17.3	0	
20	16QAM	1	49	16.11	16.20	15.94			
20	16QAM	1	99	16.20	16.14	16.13			
20	16QAM	50	0	16.13	15.95	16.01	17.3	0	
20	16QAM	50	24	16.20	16.07	15.94			
20	16QAM	50	50	16.21	16.26	16.01			
20	16QAM	100	0	16.03	16.13	16.21	17.3	0	
20	64QAM	1	0	16.07	16.14	15.99			
20	64QAM	1	49	16.18	16.08	16.07			
20	64QAM	1	99	16.10	16.08	15.97	17.3	0	
20	64QAM	50	0	16.09	16.02	16.07			
20	64QAM	50	24	16.01	16.12	15.96			
20	64QAM	50	50	16.22	16.27	16.13	17.3	0	
20	64QAM	100	0	16.06	16.18	16.15			
Channel				37825	38000	38175	17.3	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	16.24	16.30	16.17			
15	QPSK	1	37	16.22	16.07	16.18	17.3	0	
15	QPSK	1	74	16.18	16.18	16.07			
15	QPSK	36	0	16.17	16.36	16.31			
15	QPSK	36	20	16.02	16.19	16.16	17.3	0	
15	QPSK	36	39	16.00	16.02	16.25			
15	QPSK	75	0	16.23	16.19	16.06	17.3	0	
15	16QAM	1	0	16.10	16.13	16.15			
15	16QAM	1	37	16.15	16.16	15.97			
15	16QAM	1	74	16.18	16.14	16.20	17.3	0	
15	16QAM	36	0	16.11	16.01	16.02			
15	16QAM	36	20	16.18	16.10	15.90			
15	16QAM	36	39	16.18	16.16	16.00	17.3	0	
15	16QAM	75	0	16.06	16.25	16.17			
15	64QAM	1	0	15.98	16.26	15.98			
15	64QAM	1	37	16.19	16.14	16.11	17.3	0	
15	64QAM	1	74	16.21	15.99	15.94			
15	64QAM	36	0	16.07	15.94	16.07	17.3	0	
15	64QAM	36	20	16.10	16.16	16.06			
15	64QAM	36	39	16.12	16.24	16.03			
15	64QAM	75	0	16.10	16.17	16.08	17.3	0	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2590	2615			
10	QPSK	1	0	16.28	16.38	16.16	17.3	0	
10	QPSK	1	25	16.20	16.10	16.20			
10	QPSK	1	49	16.08	16.15	16.06			
10	QPSK	25	0	16.13	16.24	16.12	17.3	0	
10	QPSK	25	12	15.97	16.17	16.24			
10	QPSK	25	25	16.03	16.08	16.23			
10	QPSK	50	0	16.17	16.15	16.19	17.3	0	
10	16QAM	1	0	16.12	16.23	16.19			
10	16QAM	1	25	16.20	16.18	16.00			
10	16QAM	1	49	16.17	16.06	16.00	17.3	0	
10	16QAM	25	0	16.21	15.93	15.98			
10	16QAM	25	12	16.13	16.10	15.91			
10	16QAM	25	25	16.25	16.25	16.02	17.3	0	
10	16QAM	50	0	16.04	16.10	16.17			
10	64QAM	1	0	16.06	16.24	16.05			
10	64QAM	1	25	16.11	16.16	16.15	17.3	0	
10	64QAM	1	49	16.13	16.07	15.91			
10	64QAM	25	0	16.05	15.94	16.19			
10	64QAM	25	12	16.05	16.09	15.98	17.3	0	
10	64QAM	25	25	16.16	16.27	16.11			
10	64QAM	50	0	16.12	16.20	16.05			
Channel				37775	38000	38225	17.3	0	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	16.20	16.26	16.24			
5	QPSK	1	12	16.22	16.11	16.18	17.3	0	
5	QPSK	1	24	16.19	16.15	16.08			
5	QPSK	12	0	16.17	16.27	16.22			
5	QPSK	12	7	16.01	16.20	16.18	17.3	0	
5	QPSK	12	13	16.01	16.10	16.18			
5	QPSK	25	0	16.20	16.16	16.09			
5	16QAM	1	0	16.13	16.17	16.13	17.3	0	
5	16QAM	1	12	16.21	16.16	15.99			
5	16QAM	24	0	16.24	16.14	16.16			
5	16QAM	12	0	16.12	16.05	16.03	17.3	0	
5	16QAM	12	7	16.20	16.15	15.95			
5	16QAM	12	13	16.14	16.22	16.06			
5	16QAM	25	0	16.01	16.16	16.24	17.3	0	
5	64QAM	1	0	16.04	16.17	16.09			
5	64QAM	1	12	16.12	16.06	16.05			
5	64QAM	1	24	16.11	15.99	15.93	17.3	0	
5	64QAM	12	0	16.13	16.14	16.08			
5	64QAM	12	7	16.08	16.09	16.01			
5	64QAM	12	13	16.22	16.15	16.15	17.3	0	
5	64QAM	25	0	16.07	16.19	16.06			

Band 41_Ant 0														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	20.45	20.40	20.49	20.33	20.40	21.3	0				
20	QPSK	1	49	20.35	20.15	20.09	20.13	20.09						
20	QPSK	1	99	20.32	20.12	20.13	20.16	20.10						
20	QPSK	50	0	20.42	20.35	20.45	20.28	20.25						
20	QPSK	50	24	20.38	20.20	20.19	20.09	20.07						
20	QPSK	50	50	20.41	20.22	20.23	20.13	20.15	21.3	0				
20	QPSK	100	0	20.30	20.31	20.35	20.21	20.23						
20	16QAM	1	0	20.19	20.25	20.28	20.27	20.16						
20	16QAM	1	49	20.41	20.29	20.23	20.08	20.20			21.3	0		
20	16QAM	1	99	20.31	20.31	20.27	20.18	20.26						
20	16QAM	50	0	20.37	20.21	20.20	20.21	20.23	21.3	0				
20	16QAM	50	24	20.33	20.43	20.47	20.16	20.29						
20	16QAM	50	50	20.35	20.19	20.26	20.07	20.12						
20	16QAM	100	0	20.32	20.16	20.14	20.09	20.14						
20	64QAM	1	0	20.29	20.26	20.33	20.28	20.20						
20	64QAM	1	49	20.19	20.23	20.23	20.10	20.12	21.3	0				
20	64QAM	1	99	20.38	20.20	20.17	20.06	20.12						
20	64QAM	50	0	20.32	20.37	20.41	20.08	20.09						
20	64QAM	50	24	20.27	20.18	20.18	20.16	20.25						
20	64QAM	50	50	20.35	20.27	20.25	20.12	20.14			21.3	0		
20	64QAM	100	0	20.36	20.30	20.28	20.26	20.30						
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5						
15	QPSK	1	0	20.40	20.41	20.37	20.48	20.40	21.3	0				
15	QPSK	1	37	20.38	20.07	20.18	20.09	20.19						
15	QPSK	1	74	20.29	20.01	20.14	20.11	20.13						
15	QPSK	36	0	20.47	20.35	20.30	20.45	20.30						
15	QPSK	36	20	20.37	20.24	20.11	20.18	20.16						
15	QPSK	36	39	20.36	20.23	20.13	20.23	20.12	21.3	0				
15	QPSK	75	0	20.32	20.35	20.13	20.34	20.17						
15	16QAM	1	0	20.32	20.30	20.23	20.25	20.27						
15	16QAM	1	37	20.33	20.25	20.09	20.31	20.19			21.3	0		
15	16QAM	1	74	20.25	20.28	20.23	20.34	20.23						
15	16QAM	36	0	20.29	20.24	20.21	20.29	20.17	21.3	0				
15	16QAM	36	20	20.36	20.43	20.26	20.44	20.19						
15	16QAM	36	39	20.26	20.17	20.19	20.17	20.20						
15	16QAM	75	0	20.38	20.26	20.14	20.14	20.12						
15	64QAM	1	0	20.28	20.30	20.28	20.28	20.23			21.3	0		
15	64QAM	1	37	20.26	20.21	20.07	20.17	20.13	21.3	0				
15	64QAM	1	74	20.28	20.12	20.15	20.15	20.07						
15	64QAM	36	0	20.31	20.42	20.10	20.35	20.18						
15	64QAM	36	20	20.33	20.17	20.25	20.19	20.15						
15	64QAM	36	39	20.39	20.31	20.17	20.23	20.12			21.3	0		
15	64QAM	75	0	20.38	20.29	20.25	20.31	20.19						
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2501	2547	2593	2639	2685						
10	QPSK	1	0	20.36	20.39	20.35	20.45	20.32	21.3	0				
10	QPSK	1	25	20.35	20.08	20.10	20.09	20.13						
10	QPSK	1	49	20.34	20.10	20.18	20.06	20.10						
10	QPSK	25	0	20.38	20.44	20.30	20.37	20.31						
10	QPSK	25	12	20.29	20.29	20.15	20.16	20.08						
10	QPSK	25	25	20.31	20.17	20.12	20.16	20.17	21.3	0				
10	QPSK	50	0	20.37	20.31	20.24	20.37	20.14						
10	16QAM	1	0	20.32	20.24	20.21	20.30	20.27						
10	16QAM	1	25	20.33	20.23	20.17	20.23	20.19			21.3	0		
10	16QAM	1	49	20.25	20.29	20.26	20.29	20.25						
10	16QAM	25	0	20.31	20.21	20.23	20.19	20.29	21.3	0				
10	16QAM	25	12	20.44	20.39	20.23	20.41	20.22						
10	16QAM	25	25	20.34	20.19	20.16	20.26	20.17						
10	16QAM	50	0	20.44	20.18	20.07	20.25	20.10						
10	64QAM	1	0	20.31	20.27	20.25	20.34	20.19			21.3	0		
10	64QAM	1	25	20.27	20.27	20.17	20.22	20.12	21.3	0				
10	64QAM	1	49	20.41	20.12	20.14	20.14	20.13						
10	64QAM	25	0	20.35	20.35	20.12	20.37	20.14						
10	64QAM	25	12	20.24	20.20	20.17	20.25	20.25						
10	64QAM	25	25	20.44	20.31	20.18	20.34	20.12			21.3	0		
10	64QAM	50	0	20.43	20.27	20.24	20.22	20.18						
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5						
5	QPSK	1	0	20.35	20.48	20.40	20.46	20.30	21.3	0				
5	QPSK	1	12	20.34	20.12	20.10	20.07	20.11						
5	QPSK	1	24	20.25	20.06	20.17	20.08	20.10						
5	QPSK	12	0	20.39	20.46	20.19	20.41	20.29						
5	QPSK	12	7	20.40	20.18	20.17	20.20	20.14						
5	QPSK	12	13	20.31	20.25	20.18	20.25	20.17	21.3	0				
5	QPSK	25	0	20.36	20.42	20.16	20.32	20.14						
5	16QAM	1	0	20.32	20.34	20.21	20.32	20.16						
5	16QAM	1	12	20.41	20.27	20.12	20.29	20.09			21.3	0		
5	16QAM	1	24	20.29	20.24	20.27	20.31	20.29						
5	16QAM	12	0	20.36	20.16	20.19	20.23	20.28	21.3	0				
5	16QAM	12	7	20.41	20.42	20.21	20.49	20.23						
5	16QAM	12	13	20.28	20.25	20.08	20.13	20.10						
5	16QAM	25	0	20.32	20.14	20.17	20.19	20.09						
5	64QAM	1	0	20.25	20.30	20.17	20.36	20.24			21.3	0		
5	64QAM	1	12	20.20	20.24	20.11	20.14	20.09	21.3	0				
5	64QAM	1	24	20.29	20.14	20.17	20.22	20.17						
5	64QAM	12	0	20.30	20.43	20.14	20.42	20.07						
5	64QAM	12	7	20.26	20.15	20.21	20.26	20.24						
5	64QAM	12	13	20.46	20.32	20.23	20.24	20.17			21.3	0		
5	64QAM	25	0	20.36	20.28	20.29	20.30	20.18						

Band 41_Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				39750	40185	40620	41055	41490				
Frequency (MHz)				2506	2549.5	2593	2636.5	2680				
20	QPSK	1	0	16.38	16.33	16.44	16.22	16.30	17.3	0		
20	QPSK	1	49	16.28	16.16	16.22	16.15	16.19				
20	QPSK	1	99	16.37	16.15	16.06	16.19	16.18				
20	QPSK	50	0	16.29	16.35	16.39	16.21	16.35				
20	QPSK	50	24	16.22	16.29	16.33	16.20	16.31	17.3	0		
20	QPSK	50	50	16.22	16.18	16.35	16.16	16.28				
20	QPSK	100	0	16.18	16.31	16.33	16.12	16.15				
20	16QAM	1	0	16.24	16.22	16.29	16.20	16.28				
20	16QAM	1	49	16.27	16.21	16.07	16.19	16.05	17.3	0		
20	16QAM	1	99	16.23	16.15	16.22	15.94	16.29				
20	16QAM	50	0	16.18	16.18	16.15	16.16	16.07				
20	16QAM	50	24	16.25	16.11	16.00	16.23	16.16				
20	16QAM	50	50	16.21	16.24	16.33	16.20	16.31	17.3	0		
20	16QAM	100	0	16.26	16.20	16.29	16.23	16.27				
20	16QAM	1	0	16.21	16.24	16.14	16.11	16.12				
20	64QAM	1	49	16.33	16.16	16.18	16.23	16.20			17.3	0
20	64QAM	1	99	16.26	16.28	15.98	16.06	15.99				
20	64QAM	50	0	16.30	16.17	16.32	16.03	16.21				
20	64QAM	50	24	16.28	16.25	16.14	16.12	16.16	17.3	0		
20	64QAM	50	50	16.27	16.18	16.32	16.20	16.31				
20	64QAM	100	0	16.20	16.20	16.24	16.19	16.11				
Channel				39725	40173	40620	41068	41515			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5				
15	QPSK	1	0	16.32	16.44	16.43	16.15	16.25	17.3	0		
15	QPSK	1	37	16.34	16.13	16.43	16.11	16.22				
15	QPSK	1	74	16.34	16.16	16.17	16.11	16.11				
15	QPSK	36	0	16.19	16.26	16.42	16.14	16.37				
15	QPSK	36	20	16.29	16.29	16.34	16.22	16.32	17.3	0		
15	QPSK	36	39	16.22	16.21	16.25	16.15	16.37				
15	QPSK	75	0	16.30	16.21	16.29	16.20	16.11				
15	QPSK	1	0	16.29	16.19	16.26	16.17	16.20				
15	16QAM	1	37	16.17	16.25	16.08	16.17	16.12	17.3	0		
15	16QAM	1	74	16.19	16.10	16.18	16.03	16.25				
15	16QAM	36	0	16.19	16.15	16.10	16.09	16.10				
15	16QAM	36	20	16.19	16.16	16.05	16.35	16.20			17.3	0
15	16QAM	36	39	16.20	16.29	16.21	16.17	16.21				
15	16QAM	75	0	16.23	16.16	16.24	16.22	16.24				
15	64QAM	1	0	16.15	16.14	16.17	16.14	16.22				
15	64QAM	1	37	16.25	16.15	16.16	16.27	16.15	17.3	0		
15	64QAM	1	74	16.34	16.27	16.04	16.02	16.01				
15	64QAM	36	0	16.24	16.23	16.34	15.97	16.33				
15	64QAM	36	20	16.30	16.26	16.19	16.03	16.05			17.3	0
15	64QAM	36	39	16.23	16.27	16.32	16.28	16.31				
15	64QAM	75	0	16.17	16.18	16.23	16.11	16.20				
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	16.34	16.43	16.46	16.30	16.37	17.3	0		
10	QPSK	1	25	16.21	16.07	16.25	16.08	16.27				
10	QPSK	1	49	16.38	16.18	16.16	16.20	16.17				
10	QPSK	25	0	16.30	16.31	16.40	16.20	16.37				
10	QPSK	25	12	16.21	16.27	16.37	16.16	16.26	17.3	0		
10	QPSK	25	25	16.22	16.26	16.28	16.25	16.33				
10	QPSK	50	0	16.26	16.28	16.31	16.25	16.10				
10	16QAM	1	0	16.30	16.22	16.28	16.12	16.30				
10	16QAM	1	25	16.17	16.24	16.15	16.19	16.13	17.3	0		
10	16QAM	1	49	16.24	16.08	16.16	16.02	16.21				
10	16QAM	25	0	16.20	16.18	16.05	16.09	16.07				
10	16QAM	25	12	16.22	16.09	16.01	16.29	16.21			17.3	0
10	16QAM	25	25	16.16	16.17	16.23	16.13	16.19				
10	16QAM	50	0	16.30	16.24	16.35	16.15	16.29				
10	64QAM	1	0	16.13	16.15	16.22	16.12	16.23				
10	64QAM	1	25	16.28	16.16	16.16	16.23	16.15	17.3	0		
10	64QAM	1	49	16.27	16.27	15.97	16.04	16.04				
10	64QAM	25	0	16.26	16.24	16.27	15.94	16.29				
10	64QAM	25	12	16.30	16.19	16.21	16.06	16.07			17.3	0
10	64QAM	25	25	16.22	16.24	16.23	16.19	16.25				
10	64QAM	50	0	16.28	16.12	16.17	16.11	16.21				
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	16.41	16.44	16.40	16.28	16.35	17.3	0		
5	QPSK	1	12	16.28	16.15	16.24	16.05	16.23				
5	QPSK	1	24	16.29	16.18	16.08	16.24	16.19				
5	QPSK	12	0	16.25	16.33	16.39	16.27	16.33				
5	QPSK	12	7	16.16	16.26	16.28	16.20	16.32	17.3	0		
5	QPSK	12	13	16.24	16.20	16.35	16.12	16.27				
5	QPSK	25	0	16.27	16.22	16.24	16.10	16.15				
5	16QAM	1	0	16.28	16.14	16.24	16.10	16.20				
5	16QAM	1	12	16.23	16.33	16.04	16.17	16.08	17.3	0		
5	16QAM	1	24	16.19	16.18	16.20	16.04	16.14				
5	16QAM	12	0	16.28	16.12	16.12	16.03	16.08				
5	16QAM	12	7	16.22	16.14	16.10	16.35	16.14			17.3	0
5	16QAM	12	13	16.23	16.23	16.18	16.29	16.20				
5	16QAM	25	0	16.24	16.29	16.36	16.13	16.25				
5	64QAM	1	0	16.17	16.11	16.14	16.09	16.15				
5	64QAM	1	12	16.22	16.08	16.17	16.26	16.16	17.3	0		
5	64QAM	1	24	16.25	16.22	16.02	16.01	16.11				
5	64QAM	12	0	16.22	16.23	16.24	16.10	16.17				
5	64QAM	12	7	16.24	16.20	16.20	16.12	16.05			17.3	0
5	64QAM	12	13	16.23	16.21	16.29	16.20	16.28				
5	64QAM	25	0	16.19	16.11	16.19	16.15	16.13				

Band 41_Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490	21.6	0	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	20.38	20.29	20.49	20.24	20.31	21.6	0	
20	QPSK	1	49	20.21	20.01	20.00	19.98	19.96			
20	QPSK	1	99	20.18	20.08	20.03	20.06	20.00	21.6	0	
20	QPSK	50	0	20.35	20.25	20.35	20.17	20.15			
20	QPSK	50	24	20.30	20.08	20.11	20.02	19.98	21.6	0	
20	QPSK	50	50	20.34	20.12	20.09	20.09	20.07			
20	QPSK	100	0	20.22	20.23	20.25	20.17	20.20	21.6	0	
20	16QAM	1	0	20.07	20.22	20.17	20.22	20.11			
20	16QAM	1	49	20.37	20.25	20.12	20.03	20.14	21.6	0	
20	16QAM	1	99	20.16	20.23	20.24	20.08	20.18			
20	16QAM	50	0	20.33	20.18	20.16	20.08	20.07	21.6	0	
20	16QAM	50	24	20.21	20.29	20.44	20.10	20.24			
20	16QAM	50	50	20.29	20.13	20.16	19.93	20.08	21.6	0	
20	16QAM	100	0	20.25	20.10	19.98	19.98	19.99			
20	64QAM	1	0	20.15	20.11	20.17	20.12	20.10	21.6	0	
20	64QAM	1	49	20.14	20.16	20.13	20.06	19.98			
20	64QAM	1	99	20.24	20.13	20.10	19.92	20.08	21.1	0.5	
20	64QAM	50	0	20.26	20.23	20.30	19.93	20.05			
20	64QAM	50	24	20.19	20.14	20.15	20.06	20.11	21.1	0.5	
20	64QAM	50	50	20.20	20.11	20.16	20.08	20.11			
20	64QAM	100	0	20.23	20.20	20.15	20.15	20.17	Tune-up limit (dBm)	MPR (dB)	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	21.6	0	
15	QPSK	1	0	20.35	20.34	20.40	20.18	20.27		21.6	
15	QPSK	1	37	20.23	20.01	20.05	20.08	19.96			
15	QPSK	1	74	20.24	20.07	19.99	20.00	19.97	21.6	0	
15	QPSK	36	0	20.30	20.10	20.30	20.23	20.16			
15	QPSK	36	20	20.27	20.12	20.15	19.93	20.02	21.6	0	
15	QPSK	36	39	20.32	20.11	20.20	20.10	20.09			
15	QPSK	75	0	20.26	20.28	20.26	20.16	20.07	21.6	0	
15	16QAM	1	0	20.07	20.19	20.16	20.15	20.02			
15	16QAM	1	37	20.27	20.14	20.07	19.95	20.16	21.6	0	
15	16QAM	1	74	20.15	20.24	20.19	20.05	20.10			
15	16QAM	36	0	20.30	20.10	20.08	20.07	20.18	21.6	0	
15	16QAM	36	20	20.23	20.31	20.38	20.12	20.23			
15	16QAM	36	39	20.22	20.15	20.11	20.04	20.04	21.6	0	
15	16QAM	75	0	20.19	20.13	20.02	19.95	20.01			
15	64QAM	1	0	20.23	20.22	20.27	20.12	20.10	21.6	0	
15	64QAM	1	37	20.16	20.17	20.19	19.97	20.04			
15	64QAM	1	74	20.34	20.10	20.12	20.00	19.99	21.1	0.5	
15	64QAM	36	0	20.17	20.32	20.30	19.98	20.01			
15	64QAM	36	20	20.22	20.09	20.15	20.02	20.17	21.1	0.5	
15	64QAM	36	39	20.21	20.21	20.09	20.05	20.05			
15	64QAM	75	0	20.27	20.15	20.15	20.22	20.19	Tune-up limit (dBm)	MPR (dB)	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685	21.6	0	
10	QPSK	1	0	20.42	20.37	20.45	20.17	20.31		21.6	
10	QPSK	1	25	20.22	20.00	19.93	20.09	20.03			
10	QPSK	1	49	20.16	19.97	20.08	20.11	19.98	21.6	0	
10	QPSK	25	0	20.31	20.19	20.32	20.16	20.11			
10	QPSK	25	12	20.26	20.15	20.07	19.97	19.92	21.6	0	
10	QPSK	25	25	20.35	20.06	20.12	20.00	20.04			
10	QPSK	50	0	20.25	20.20	20.26	20.15	20.13	21.6	0	
10	16QAM	1	0	20.12	20.13	20.19	20.23	20.03			
10	16QAM	1	25	20.27	20.17	20.14	19.96	20.10	21.6	0	
10	16QAM	1	49	20.17	20.23	20.11	20.08	20.20			
10	16QAM	25	0	20.27	20.12	20.10	20.06	20.06	21.6	0	
10	16QAM	25	12	20.19	20.34	20.36	20.04	20.19			
10	16QAM	25	25	20.30	20.13	20.20	19.94	20.05	21.6	0	
10	16QAM	50	0	20.21	20.02	20.08	20.03	20.00			
10	64QAM	1	0	20.21	20.23	20.26	20.22	20.07	21.6	0	
10	64QAM	1	25	20.12	20.11	20.18	20.07	20.07			
10	64QAM	1	49	20.28	20.15	20.10	20.01	20.09	21.1	0.5	
10	64QAM	25	0	20.22	20.24	20.31	19.92	19.99			
10	64QAM	25	12	20.16	20.15	20.05	20.06	20.16	21.1	0.5	
10	64QAM	25	25	20.29	20.14	20.15	20.02	20.09			
10	64QAM	50	0	20.30	20.25	20.25	20.18	20.19	Tune-up limit (dBm)	MPR (dB)	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	21.6	0	
5	QPSK	1	0	20.35	20.24	20.45	20.21	20.37		21.6	
5	QPSK	1	12	20.26	20.11	20.06	20.00	19.96			
5	QPSK	1	24	20.25	19.97	20.06	20.12	20.02	21.6	0	
5	QPSK	12	0	20.32	20.26	20.40	20.22	20.21			
5	QPSK	12	7	20.31	20.10	20.11	19.99	20.02	21.6	0	
5	QPSK	12	13	20.38	20.14	20.17	19.97	20.09			
5	QPSK	25	0	20.20	20.24	20.26	20.15	20.18	21.6	0	
5	16QAM	1	0	20.05	20.21	20.24	20.18	20.10			
5	16QAM	1	12	20.31	20.20	20.17	19.94	20.13	21.6	0	
5	16QAM	1	24	20.26	20.26	20.13	20.02	20.16			
5	16QAM	12	0	20.26	20.13	20.11	20.12	20.17	21.6	0	
5	16QAM	12	7	20.17	20.35	20.41	20.05	20.26			
5	16QAM	12	13	20.20	20.03	20.20	20.02	19.97	21.6	0	
5	16QAM	25	0	20.23	20.02	19.99	19.95	20.05			
5	64QAM	1	0	20.25	20.12	20.22	20.25	20.10	21.6	0	
5	64QAM	1	12	20.14	20.19	20.13	20.06	19.99			
5	64QAM	1	24	20.22	20.05	20.07	20.03	20.02	21.1	0.5	
5	64QAM	12	0	20.18	20.25	20.28	20.02	20.00			
5	64QAM	12	7	20.20	20.06	20.03	20.08	20.20	21.1	0.5	
5	64QAM	12	13	20.23	20.18	20.11	20.03	20.11			
5	64QAM	25	0	20.28	20.15	20.21	20.18	20.27			



Reduced Power Mode for ECI 4

GSM900_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	160	251		128	160	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.21	32.40	32.35	33.50	23.21	23.40	23.35	24.50
GPRS/EDGE GMSK 1 Tx slot		32.20	32.38	32.34	33.50	23.20	23.38	23.34	24.50
GPRS/EDGE GMSK 2 Tx slots		30.20	30.33	30.31	31.00	24.20	24.33	24.31	25.00
GPRS/EDGE GMSK 3 Tx slots		28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.84
GPRS/EDGE GMSK 4 Tx slots		26.56	26.74	26.71	28.00	23.56	23.74	23.71	25.00
EDGE BPSK 1 Tx slot		26.30	26.33	26.30	28.00	17.30	17.33	17.30	19.00
EDGE BPSK 2 Tx slots		25.05	25.08	25.23	26.00	19.05	19.08	19.23	20.00
EDGE BPSK 3 Tx slots		22.95	22.98	23.05	24.00	18.69	18.72	18.79	19.74
EDGE BPSK 4 Tx slots		21.67	21.68	21.78	23.00	18.67	18.68	18.78	20.00

GSM1900_Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot		29.59	29.63	29.56	30.50	20.59	20.63	20.56	21.50
GPRS/EDGE GMSK 1 Tx slot		29.58	29.61	29.54	30.50	20.58	20.61	20.54	21.50
GPRS/EDGE GMSK 2 Tx slots		26.62	26.64	26.61	28.00	20.62	20.64	20.61	22.00
GPRS/EDGE GMSK 3 Tx slots		24.90	24.91	24.87	26.00	20.64	20.65	20.61	21.74
GPRS/EDGE GMSK 4 Tx slots		23.15	23.16	23.13	24.00	20.15	20.16	20.13	21.00
EDGE BPSK 1 Tx slot		26.40	26.28	26.23	27.00	17.40	17.26	17.23	18.00
EDGE BPSK 2 Tx slots		24.90	24.89	24.86	26.00	18.90	18.89	18.86	20.00
EDGE BPSK 3 Tx slots		22.85	22.78	22.73	23.50	18.59	18.52	18.47	19.24
EDGE BPSK 4 Tx slots		21.40	21.36	21.33	22.50	18.40	18.36	18.33	19.50

Band		WCDMA E_Ant 0			Tune-up Limit (dBm)	WCDMA E_Ant 1			Tune-up Limit (dBm)
TX Channel		8262	9400	9638		8262	9400	9638	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1860	1907.6		1852.4	1860	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.86	23.88	23.85	24.80	15.77	15.78	15.75	16.80
3GPP Rel 99	RMC 12.2Kbps	23.88	23.90	23.87	24.80	15.78	15.79	15.77	16.80
3GPP Rel 6	HSDPA Subtest-1	22.86	22.95	23.01	23.80	14.91	15.00	14.90	15.80
3GPP Rel 6	HSDPA Subtest-2	22.92	22.96	22.99	23.80	14.89	15.00	14.80	15.80
3GPP Rel 6	HSDPA Subtest-3	22.47	22.50	22.56	23.30	14.54	14.48	14.43	15.30
3GPP Rel 6	HSDPA Subtest-4	22.43	22.46	22.48	23.30	14.43	14.48	14.51	15.30
3GPP Rel 6	DC-HSDPA Subtest-1	22.81	22.85	22.86	23.80	14.72	14.91	14.93	15.80
3GPP Rel 6	DC-HSDPA Subtest-2	22.84	22.98	22.83	23.80	14.80	14.86	14.81	15.80
3GPP Rel 6	DC-HSDPA Subtest-3	22.40	22.35	22.45	23.30	14.43	14.45	14.38	15.30
3GPP Rel 6	DC-HSDPA Subtest-4	22.29	22.40	22.36	23.30	14.41	14.39	14.34	15.30
3GPP Rel 6	HSUPA Subtest-1	20.38	20.40	20.36	21.80	12.26	12.26	12.26	13.80
3GPP Rel 6	HSUPA Subtest-2	20.33	20.35	20.33	21.80	12.29	12.20	12.22	13.80
3GPP Rel 6	HSUPA Subtest-3	22.38	22.35	22.33	22.80	14.26	14.18	14.24	14.80
3GPP Rel 6	HSUPA Subtest-4	20.36	20.36	20.31	21.80	12.17	12.15	12.17	13.80
3GPP Rel 6	HSUPA Subtest-5	22.40	22.42	22.35	22.80	14.34	14.27	14.14	14.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.85	22.88	22.80	23.30	14.85	15.00	14.87	15.30

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		836.4	836.4	846.6		836.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.70	23.72	23.67	24.80	19.18	19.20	19.09	20.30
3GPP Rel 99	RMC 12.2Kbps	23.73	23.75	23.71	24.80	19.19	19.24	19.14	20.30
3GPP Rel 6	HSDPA Subtest-1	22.81	22.74	22.79	23.80	18.14	18.02	18.09	19.30
3GPP Rel 6	HSDPA Subtest-2	22.79	22.79	22.78	23.80	18.11	18.10	18.07	19.30
3GPP Rel 6	HSDPA Subtest-3	22.34	22.36	22.35	23.30	17.77	17.80	17.66	18.80
3GPP Rel 6	HSDPA Subtest-4	22.32	22.30	22.28	23.30	17.68	17.53	17.57	18.80
3GPP Rel 6	DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	18.12	17.96	18.01	19.30
3GPP Rel 6	DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	18.02	18.08	17.96	19.30
3GPP Rel 6	DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	17.60	17.55	17.60	18.80
3GPP Rel 6	DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	17.58	17.56	17.57	18.80
3GPP Rel 6	HSUPA Subtest-1	20.45	20.48	20.42	21.80	15.86	15.83	15.76	17.30
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.40	21.80	15.76	15.85	15.74	17.30
3GPP Rel 6	HSUPA Subtest-3	22.45	22.46	22.43	22.80	17.80	17.73	17.72	18.30
3GPP Rel 6	HSUPA Subtest-4	20.40	20.43	20.41	21.80	15.72	15.72	15.69	17.30
3GPP Rel 6	HSUPA Subtest-5	22.50	22.55	22.52	22.80	17.84	17.91	17.82	18.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.62	21.65	21.60	23.30	17.06	17.22	17.05	18.80

GSM900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	160	251		128	160	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		22.52	22.69	22.65	24.00	13.52	13.69	13.65	15.00
GPRS/EDGE GMSK 1 Tx slot		22.51	22.68	22.64	24.00	13.51	13.68	13.64	15.00
GPRS/EDGE GMSK 2 Tx slots		22.62	22.68	22.63	24.00	16.62	16.68	16.63	18.00
GPRS/EDGE GMSK 3 Tx slots		22.48	22.65	22.61	24.00	18.22	18.39	18.35	19.74
GPRS/EDGE GMSK 4 Tx slots		22.46	22.63	22.59	24.00	19.45	19.63	19.59	21.00
EDGE BPSK 1 Tx slot		15.18	15.05	15.15	16.00	6.18	6.05	6.15	7.00
EDGE BPSK 2 Tx slots		14.95	14.95	15.01	16.00	8.95	8.95	9.01	10.00
EDGE BPSK 3 Tx slots		14.79	14.94	14.86	16.00	10.53	10.68	10.60	11.74
EDGE BPSK 4 Tx slots		14.61	14.62	14.67	16.00	11.61	11.62	11.67	13.00

GSM1900_Ant 1		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1909.8		1850.2	1860	1909.8	
GSM 1 Tx slot		19.09	19.30	19.25	20.00	10.09	10.30	10.25	11.00
GPRS/EDGE GMSK 1 Tx slot		19.08	19.29	19.24	20.00	10.08	10.29	10.24	11.00
GPRS/EDGE GMSK 2 Tx slots		19.10	19.27	19.25	20.00	13.10	13.27	13.25	14.00
GPRS/EDGE GMSK 3 Tx slots		19.10	19.28	19.25	20.00	14.84	15.02	14.99	15.74
GPRS/EDGE GMSK 4 Tx slots		19.08	19.29	19.25	20.00	16.08	16.29	16.25	17.00
EDGE BPSK 1 Tx slot		14.48	14.80	14.59	15.50	5.48	5.80	5.59	6.50
EDGE BPSK 2 Tx slots		14.36	14.53	14.32	15.50	8.38	8.53	8.32	9.50
EDGE BPSK 3 Tx slots		14.14	14.24	14.05	15.50	9.88	9.98	9.79	11.24
EDGE BPSK 4 Tx slots		13.79	14.03	13.78	15.50	10.79	11.03	10.78	12.50

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.03	23.97	24.80	17.10	17.13	17.00	17.80
3GPP Rel 99	RMC 12.2Kbps	24.01	24.07	23.98	24.80	17.13	17.15	17.02	17.80
3GPP Rel 6	HSDPA Subtest-1	23.07	23.13	23.03	23.80	16.21	16.09	16.04	16.80
3GPP Rel 6	HSDPA Subtest-2	23.07	23.11	23.01	23.80	16.12	16.10	16.02	16.80
3GPP Rel 6	HSDPA Subtest-3	22.57	22.68	22.55	23.30	15.59	15.66	15.62	16.30
3GPP Rel 6	HSDPA Subtest-4	22.56	22.61	22.51	23.30	15.58	15.69	15.54	16.30
3GPP Rel 6	DC-HSDPA Subtest-1	22.95	22.97	22.88	23.80	16.13	16.05	16.06	16.80
3GPP Rel 6	DC-HSDPA Subtest-2	22.91	23.05	22.95	23.80	16.02	16.06	15.96	16.80
3GPP Rel 6	DC-HSDPA Subtest-3	22.46	22.55	22.46	23.30	15.59	15.55	15.50	16.30
3GPP Rel 6	DC-HSDPA Subtest-4	22.48	22.55	22.45	23.30	15.55	15.50	15.49	16.30
3GPP Rel 6	HSUPA Subtest-1	20.57	20.58	20.55	21.80	13.58	13.49	13.46	14.80
3GPP Rel 6	HSUPA Subtest-2	20.52	20.55	20.50	21.80	13.48	13.52	13.43	14.80
3GPP Rel 6	HSUPA Subtest-3	22.53	22.55	22.50	22.80	15.48	15.48	15.46	15.80
3GPP Rel 6	HSUPA Subtest-4	20.55	20.56	20.52	21.80	13.52	13.45	13.36	14.80
3GPP Rel 6	HSUPA Subtest-5	22.55	22.57	22.53	22.80	15.53	15.46	15.44	15.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.26	22.30	22.23	23.30	15.25	15.25	15.20	16.30

Band 2_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				18700	18900	19100					
Frequency (MHz)				1860	1880	1900					
20	QPSK	1	0	23.02	23.05	23.01	23.8	0			
20	QPSK	1	49	23.00	23.01	22.99					
20	QPSK	1	99	22.86	22.88	22.99					
20	QPSK	50	0	22.03	22.08	22.05	22.8	1			
20	QPSK	50	24	21.97	21.97	22.03					
20	QPSK	50	50	21.94	21.96	21.99					
20	QPSK	100	0	21.93	22.05	22.03	22.8	1			
20	16QAM	1	0	22.30	22.27	22.29					
20	16QAM	1	49	22.25	22.31	22.30					
20	16QAM	1	99	22.16	22.20	22.23	21.8	2			
20	16QAM	50	0	20.92	21.00	21.04					
20	16QAM	50	24	20.96	20.96	21.05					
20	16QAM	50	50	20.92	20.96	21.00	21.8	2			
20	16QAM	100	0	20.91	20.99	21.02					
20	64QAM	1	0	21.11	21.14	21.12					
20	64QAM	1	49	21.07	21.17	21.12	21.8	2			
20	64QAM	1	99	20.97	21.03	21.06					
20	64QAM	50	0	19.92	19.97	20.04					
20	64QAM	50	24	19.96	19.96	20.03	20.8	3			
20	64QAM	50	50	19.92	19.95	20.00					
20	64QAM	100	0	19.92	19.97	20.01					
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1857.5	18800	1902.5					
15	QPSK	1	0	22.87	22.96	22.90	23.8	0			
15	QPSK	1	37	22.89	22.94	22.83					
15	QPSK	1	74	22.71	22.73	22.89					
15	QPSK	36	0	21.91	21.92	21.96	22.8	1			
15	QPSK	36	20	21.89	21.85	21.92					
15	QPSK	36	39	21.86	21.88	21.85					
15	QPSK	75	0	21.84	21.92	21.93	22.8	1			
15	16QAM	1	0	22.17	22.15	22.15					
15	16QAM	1	37	22.18	22.22	22.20					
15	16QAM	1	74	22.03	22.04	22.08	21.8	2			
15	16QAM	36	0	20.86	20.85	20.90					
15	16QAM	36	20	20.88	20.82	20.98					
15	16QAM	36	39	20.86	20.88	20.87	21.8	2			
15	16QAM	75	0	20.87	20.83	20.88					
15	64QAM	1	0	21.00	21.08	21.04					
15	64QAM	1	37	20.93	21.01	21.06	21.8	2			
15	64QAM	1	74	20.86	20.97	20.92					
15	64QAM	36	0	19.78	19.86	19.88					
15	64QAM	36	20	19.91	19.81	19.93	20.8	3			
15	64QAM	36	39	19.81	19.81	19.86					
15	64QAM	75	0	19.80	19.82	19.88					
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1855	1880	1905					
10	QPSK	1	0	22.91	22.89	22.87	23.8	0			
10	QPSK	1	25	22.85	22.89	22.92					
10	QPSK	1	49	22.77	22.79	22.88					
10	QPSK	25	0	21.89	21.97	21.92	22.8	1			
10	QPSK	25	12	21.92	21.82	21.93					
10	QPSK	25	25	21.80	21.88	21.86					
10	QPSK	50	0	21.77	21.95	21.97	22.8	1			
10	16QAM	1	0	22.15	22.16	22.20					
10	16QAM	1	25	22.14	22.15	22.14					
10	16QAM	1	49	22.02	22.06	22.17	21.8	2			
10	16QAM	25	0	20.89	20.90	20.91					
10	16QAM	25	12	20.91	20.80	20.95					
10	16QAM	25	25	20.89	20.85	20.87	21.8	2			
10	16QAM	50	0	20.87	20.85	20.97					
10	64QAM	1	0	21.04	20.99	21.07					
10	64QAM	1	25	20.95	21.08	21.04	21.8	2			
10	64QAM	1	49	20.90	20.92	20.99					
10	64QAM	25	0	19.82	19.81	19.88					
10	64QAM	25	12	19.81	19.85	19.89	20.8	3			
10	64QAM	25	25	19.87	19.81	19.95					
10	64QAM	50	0	19.84	19.82	19.87					
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1852.5	1880	1907.5					
5	QPSK	1	0	22.89	22.94	22.96	23.8	0			
5	QPSK	1	12	22.95	22.86	22.83					
5	QPSK	1	24	22.80	22.74	22.89					
5	QPSK	12	0	21.87	21.95	21.89	22.8	1			
5	QPSK	12	7	21.89	21.85	21.87					
5	QPSK	12	13	21.79	21.87	21.83					
5	QPSK	25	0	21.78	21.99	21.89	22.8	1			
5	16QAM	1	0	22.23	22.18	22.17					
5	16QAM	1	12	22.18	22.26	22.25					
5	16QAM	1	24	22.06	22.05	22.13	21.8	2			
5	16QAM	12	0	20.87	20.89	20.90					
5	16QAM	12	7	20.84	20.86	20.93					
5	16QAM	12	13	20.88	20.81	20.87	21.8	2			
5	16QAM	25	0	20.85	20.91	20.94					
5	64QAM	1	0	21.00	21.09	21.07					
5	64QAM	1	12	21.02	21.02	20.96	21.8	2			
5	64QAM	1	24	20.89	20.90	20.98					
5	64QAM	12	0	19.85	19.81	19.88					
5	64QAM	12	7	19.80	19.89	19.94	20.8	3			
5	64QAM	12	13	19.78	19.81	19.84					
5	64QAM	25	0	19.76	19.91	19.95					
Channel				18515	18800	19185	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1851.5	1880	1908.5					
3	QPSK	1	0	22.94	22.93	22.86	23.8	0			
3	QPSK	1	8	22.90	22.85	22.91					
3	QPSK	1	14	22.81	22.80	22.86					
3	QPSK	8	0	21.97	21.98	21.99	22.8	1			
3	QPSK	8	4	21.83	21.86	21.80					
3	QPSK	8	7	21.80	21.85	21.87					
3	QPSK	15	0	21.87	21.98	21.94	22.8	1			
3	16QAM	1	0	22.20	22.17	22.14					
3	16QAM	1	8	22.17	22.16	22.16					
3	16QAM	1	14	22.01	22.10	22.16	21.8	2			
3	16QAM	8	0	20.87	20.89	20.90					
3	16QAM	8	4	20.92	20.85	20.99					
3	16QAM	8	7	20.86	20.80	20.89	21.8	2			
3	16QAM	15	0	20.83	20.91	20.91					
3	64QAM	1	0	20.97	21.07	20.99					
3	64QAM	1	8	20.93	21.12	21.02	21.8	2			
3	64QAM	1	14	20.85	20.95	20.97					
3	64QAM	8	0	19.84	19.81	19.83					
3	64QAM	8	4	19.88	19.85	19.88	20.8	3			
3	64QAM	8	7	19.87	19.81	19.95					
3	64QAM	15	0	19.84	19.83	19.94					
Channel				18607	18800	19193	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1850.7	1880	1909.3					
1.4	QPSK	1	0	22.92	22.93	22.86	23.8	0			
1.4	QPSK	1	3	22.94	22.91	22.94					
1.4	QPSK	1	5	22.73	22.73	22.86					
1.4	QPSK	3	0	22.84	22.85	22.85	22.8	1			
1.4	QPSK	3	1	22.84	22.81	22.94					
1.4	QPSK	3	3	22.75	22.75	22.90					
1.4	QPSK	6	0	21.98	21.95	21.91	22.8	1			
1.4	16QAM	1	0	21.84	21.82	21.94					
1.4	16QAM	1	3	21.89	21.80	21.93					
1.4	16QAM	1	5	21.85	21.97	21.90	22.8	1			
1.4	16QAM	3	0	22.19	22.12	22.15					
1.4	16QAM	3	3	22.03	22.13	22.07					
1.4	16QAM	6	0	20.90	20.88	20.94	21.8	2			
1.4	64QAM	1	0	20.92	20.86	20.91					
1.4	64QAM	1	3	20.89	20.91	20.95					
1.4	64QAM	1	5	20.87	20.93	20.90	21.8	2			
1.4	64QAM	3	0	20.97	21.07	20.96					
1.4	64QAM	3	1	21.01	21.07	21.04					
1.4	64QAM	3	3	20.85	20.88	20.95	20.8	3			
1.4	64QAM	6	0	19.80	19.83	19.93					

Band 4_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20050	20175	20300			
1720 1732.5 1745									
20	QPSK	1	0	23.67	24.05	24.02			
20	QPSK	1	49	23.66	23.92	24.00	24.8	0	
20	QPSK	1	99	23.66	23.95	24.06			
20	QPSK	50	0	23.75	23.15	23.10			
20	QPSK	50	24	22.70	22.90	23.07			
20	QPSK	50	50	22.76	22.92	23.05	23.8	1	
20	QPSK	100	0	22.72	23.08	23.06			
20	16QAM	1	0	22.99	23.07	23.20			
20	16QAM	1	49	22.96	23.21	23.37	23.8	1	
20	16QAM	1	99	22.95	23.25	23.24			
20	16QAM	50	0	21.88	21.21	21.10			
20	16QAM	50	24	21.70	21.88	22.09			
20	16QAM	50	50	21.76	21.92	22.04	22.8	2	
20	16QAM	100	0	21.72	21.87	22.04			
20	64QAM	1	0	21.83	21.88	22.08			
20	64QAM	1	49	21.76	22.05	22.17	22.8	2	
20	64QAM	1	99	21.78	22.07	22.06			
20	64QAM	50	0	20.68	20.77	21.07			
20	64QAM	50	24	20.71	20.86	21.08			
20	64QAM	50	50	20.77	20.92	21.04	21.8	3	
20	64QAM	100	0	20.73	20.87	21.05			
Channel									
Frequency (MHz)				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
1717.5 1732.5 1747.5									
15	QPSK	1	0	23.54	23.95	23.88			
15	QPSK	1	37	23.53	23.87	23.87	24.8	0	
15	QPSK	1	74	23.56	23.81	23.81			
15	QPSK	36	0	22.57	23.00	22.98			
15	QPSK	36	20	22.54	22.84	22.91			
15	QPSK	36	39	22.71	22.84	22.98	23.8	1	
15	QPSK	75	0	22.56	22.97	22.93			
15	16QAM	1	0	22.92	22.91	23.11			
15	16QAM	1	37	22.81	23.11	23.26	23.8	1	
15	16QAM	1	74	22.85	23.11	23.13			
15	16QAM	36	0	21.80	21.85	22.02			
15	16QAM	36	20	21.63	21.78	22.02	22.8	2	
15	16QAM	36	39	21.73	21.82	21.95			
15	16QAM	75	0	21.69	21.72	21.92			
15	64QAM	1	0	21.72	21.78	21.94			
15	64QAM	1	37	21.63	21.90	22.09	22.8	2	
15	64QAM	1	74	21.68	21.98	22.01			
15	64QAM	36	0	20.53	20.63	20.91			
15	64QAM	36	20	20.61	20.74	20.94			
15	64QAM	36	39	20.71	20.85	20.89	21.8	3	
15	64QAM	75	0	20.59	20.77	20.90			
Channel									
Frequency (MHz)				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
1715 1732.5 1750									
10	QPSK	1	0	23.53	23.93	23.90			
10	QPSK	1	25	23.61	23.81	23.85	24.8	0	
10	QPSK	1	49	23.53	23.79	23.83			
10	QPSK	25	0	22.67	23.00	23.02			
10	QPSK	25	12	22.56	22.82	23.02	23.8	1	
10	QPSK	25	25	22.68	22.82	22.91			
10	QPSK	50	0	22.59	22.93	22.92			
10	16QAM	1	0	22.93	22.95	23.11			
10	16QAM	1	25	22.86	23.16	23.29	23.8	1	
10	16QAM	1	49	22.79	23.18	23.12			
10	16QAM	25	0	21.63	21.74	21.86			
10	16QAM	25	12	21.68	21.76	22.01	22.8	2	
10	16QAM	25	25	21.70	21.80	21.94			
10	64QAM	1	0	21.78	21.79	21.92			
10	64QAM	1	25	21.70	22.00	22.08	22.8	2	
10	64QAM	1	49	21.68	21.92	21.93			
10	64QAM	25	0	20.58	20.66	21.02			
10	64QAM	25	12	20.55	20.73	20.92			
10	64QAM	25	25	20.61	20.78	20.90	21.8	3	
10	64QAM	50	0	20.66	20.72	20.89			
Channel									
Frequency (MHz)				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
1712.5 1732.5 1752.5									
5	QPSK	1	0	23.59	23.95	23.90			
5	QPSK	1	12	23.59	23.76	23.95	24.8	0	
5	QPSK	1	24	23.57	23.87	23.90			
5	QPSK	12	0	22.65	23.02	22.99			
5	QPSK	12	7	22.68	22.75	22.93	23.8	1	
5	QPSK	12	13	22.65	22.83	22.97			
5	QPSK	25	0	22.56	22.92	22.94			
5	16QAM	1	0	22.83	23.02	23.15			
5	16QAM	1	12	22.91	23.07	23.25	23.8	1	
5	16QAM	1	24	22.83	23.14	23.12			
5	16QAM	12	0	21.63	21.66	21.98			
5	16QAM	12	7	21.63	21.82	21.98	22.8	2	
5	16QAM	12	13	21.69	21.76	21.95			
5	16QAM	25	0	21.69	21.82	21.99			
5	64QAM	1	0	21.74	21.81	21.93			
5	64QAM	1	12	21.69	21.96	22.03	22.8	2	
5	64QAM	1	24	21.72	21.92	21.90			
5	64QAM	12	0	20.58	20.64	20.98			
5	64QAM	12	7	20.55	20.75	20.93			
5	64QAM	12	13	20.55	20.80	20.96	21.8	3	
5	64QAM	25	0	20.64	20.76	21.00			
Channel									
Frequency (MHz)				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
1711.5 1732.5 1753.5									
3	QPSK	1	0	23.58	23.90	23.94			
3	QPSK	1	8	23.60	23.83	23.91	24.8	0	
3	QPSK	1	14	23.56	23.85	23.91			
3	QPSK	8	0	22.63	23.05	22.95			
3	QPSK	8	4	22.60	22.72	22.97	23.8	1	
3	QPSK	8	7	22.62	22.77	22.94			
3	QPSK	15	0	22.64	22.97	22.97			
3	16QAM	1	0	22.86	23.00	23.05			
3	16QAM	1	8	22.82	23.14	23.28	23.8	1	
3	16QAM	1	14	22.83	23.14	23.12			
3	16QAM	8	0	21.62	21.76	21.96			
3	16QAM	8	4	21.68	21.72	21.99	22.8	2	
3	16QAM	8	7	21.71	21.86	21.89			
3	16QAM	15	0	21.68	21.78	21.92			
3	64QAM	1	0	21.78	21.78	21.98			
3	64QAM	1	8	21.66	21.96	22.06	22.8	2	
3	64QAM	1	14	21.68	22.02	21.94			
3	64QAM	8	0	20.53	20.64	21.02			
3	64QAM	8	4	20.58	20.77	20.95			
3	64QAM	8	7	20.71	20.86	20.90	21.8	3	
3	64QAM	15	0	20.66	20.77	21.00			
Channel									
Frequency (MHz)				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
1710.7 1732.5 1754.3									
1.4	QPSK	1	0	23.55	23.97	23.88			
1.4	QPSK	1	3	23.53	23.85	23.93	24.8	0	
1.4	QPSK	1	5	23.58	23.80	23.91			
1.4	QPSK	3	0	23.62	23.92	23.88			
1.4	QPSK	3	1	23.62	23.87	23.93			
1.4	QPSK	3	3	23.55	23.86	23.91			
1.4	QPSK	6	0	22.67	23.03	23.01	23.8	1	
1.4	16QAM	1	0	22.62	22.75	22.97			
1.4	16QAM	1	3	22.61	22.83	23.00			
1.4	16QAM	1	5	22.58	22.95	22.98	23.8	1	
1.4	16QAM	3	0	22.66	22.98	23.13			
1.4	16QAM	3	1	22.61	23.16	23.30			
1.4	16QAM	3	3	22.62	23.18	23.17			
1.4	16QAM	6	0	21.63	21.71	22.00	22.8	2	
1.4	64QAM	1	0	21.62	21.80	22.00			
1.4	64QAM	1	3	21.74	21.82	21.89			
1.4	64QAM	1	5	21.68	21.72	21.88	22.8	2	
1.4	64QAM	3	0	21.78	21.78	22.00			
1.4	64QAM	3	1	21.62	21.80	22.05			
1.4	64QAM	3	3	21.70	21.91	22.00			
1.4	64QAM	6	0	20.54	20.65	20.95	21.8	3	

Band 4_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				20050	20175	20300			
1720 1732.5 1745									
20	QPSK	1	0	16.94	17.12	16.99			
20	QPSK	1	49	16.88	16.84	16.88	17.8	0	
20	QPSK	1	99	16.95	16.90	16.75			
20	QPSK	50	0	16.93	17.03	16.99			
20	QPSK	50	24	16.58	16.95	16.85			
20	QPSK	50	50	16.58	16.85	1			

Band 5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.80	23.88	23.84	24.8	0	
10	QPSK	1	25	23.74	23.79	23.76			
10	QPSK	1	49	23.74	23.81	23.74	23.8	1	
10	QPSK	25	0	22.76	22.85	22.82			
10	QPSK	25	12	22.77	22.78	22.79	23.8	1	
10	QPSK	25	25	22.76	22.78	22.78			
10	QPSK	50	0	22.75	22.76	22.77	23.8	1	
10	16QAM	1	0	22.84	23.00	23.03			
10	16QAM	1	25	22.99	23.03	22.96	23.8	1	
10	16QAM	1	49	22.97	23.04	22.96			
10	16QAM	25	0	21.79	21.81	21.85	22.8	2	
10	16QAM	25	12	21.83	21.82	21.82			
10	16QAM	25	25	21.84	21.79	21.78	22.8	2	
10	16QAM	50	0	21.80	21.81	21.83			
10	64QAM	1	0	21.82	21.96	22.01	22.8	2	
10	64QAM	1	25	21.97	21.98	21.97			
10	64QAM	1	49	22.02	21.94	21.95	21.8	3	
10	64QAM	25	0	20.79	20.80	20.84			
10	64QAM	25	12	20.81	20.81	20.82	21.8	3	
10	64QAM	25	25	20.83	20.78	20.77			
10	64QAM	50	0	20.79	20.78	20.81	21.8	3	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.73	23.78	23.72	24.8	0	
5	QPSK	1	12	23.62	23.68	23.60			
5	QPSK	1	24	23.63	23.76	23.63	23.8	1	
5	QPSK	12	0	22.68	22.77	22.75			
5	QPSK	12	7	22.65	22.66	22.72	23.8	1	
5	QPSK	12	13	22.64	22.65	22.65			
5	QPSK	25	0	22.66	22.67	22.68	23.8	1	
5	16QAM	1	0	22.75	22.95	22.97			
5	16QAM	1	12	22.92	22.92	22.82	23.8	1	
5	16QAM	1	24	22.89	22.88	22.85			
5	16QAM	12	0	21.71	21.89	21.74	22.8	2	
5	16QAM	12	7	21.81	21.86	21.71			
5	16QAM	12	13	21.79	21.71	21.63	22.8	2	
5	16QAM	25	0	21.73	21.75	21.67			
5	64QAM	1	0	21.67	21.82	21.91	22.8	2	
5	64QAM	1	12	21.88	21.91	21.92			
5	64QAM	1	24	21.88	21.81	21.81	21.8	3	
5	64QAM	12	0	20.68	20.71	20.77			
5	64QAM	12	7	20.67	20.69	20.68	21.8	3	
5	64QAM	12	13	20.75	20.71	20.64			
5	64QAM	25	0	20.74	20.63	20.70	21.8	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.73	23.73	23.70	24.8	0	
3	QPSK	1	8	23.68	23.73	23.63			
3	QPSK	1	14	23.62	23.70	23.62	23.8	1	
3	QPSK	8	0	22.72	22.80	22.72			
3	QPSK	8	4	22.67	22.71	22.65	23.8	1	
3	QPSK	8	7	22.61	22.70	22.62			
3	QPSK	15	0	22.69	22.70	22.62	23.8	1	
3	16QAM	1	0	22.71	22.89	22.94			
3	16QAM	1	8	22.86	22.88	22.89	23.8	1	
3	16QAM	1	14	22.88	22.90	22.85			
3	16QAM	8	0	21.76	21.75	21.74	22.8	2	
3	16QAM	8	4	21.78	21.73	21.75			
3	16QAM	8	7	21.78	21.71	21.67	22.8	2	
3	16QAM	15	0	21.74	21.72	21.68			
3	64QAM	1	0	21.72	21.85	21.91	22.8	2	
3	64QAM	1	8	21.83	21.86	21.87			
3	64QAM	1	14	21.97	21.85	21.81	21.8	3	
3	64QAM	8	0	20.69	20.73	20.66			
3	64QAM	8	4	20.65	20.68	20.67	21.8	3	
3	64QAM	8	7	20.72	20.72	20.71			
3	64QAM	15	0	20.73	20.72	20.66	21.8	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.70	23.73	23.76	24.8	0	
1.4	QPSK	1	3	23.68	23.63	23.63			
1.4	QPSK	1	5	23.68	23.71	23.65	23.8	1	
1.4	QPSK	3	0	23.69	23.76	23.72			
1.4	QPSK	3	1	23.63	23.68	23.63	23.8	1	
1.4	QPSK	3	3	23.63	23.71	23.69			
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	1	
1.4	16QAM	1	0	22.64	22.65	22.71			
1.4	16QAM	1	3	22.83	22.86	22.73	23.8	1	
1.4	16QAM	1	5	22.60	22.70	22.70			
1.4	16QAM	3	0	22.79	22.85	22.91	22.8	2	
1.4	16QAM	3	1	22.84	22.90	22.84			
1.4	16QAM	3	3	22.86	22.92	22.85	22.8	2	
1.4	16QAM	6	0	21.71	21.70	21.77			
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	2	
1.4	64QAM	1	3	21.81	21.86	21.85			
1.4	64QAM	1	5	21.72	21.67	21.69	21.8	3	
1.4	64QAM	3	0	21.66	21.80	21.95			
1.4	64QAM	3	1	21.91	21.84	21.84	21.8	3	
1.4	64QAM	3	3	21.85	21.85	21.85			
1.4	64QAM	6	0	20.63	20.64	20.75	21.8	3	

Band 5_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	19.04	19.10	18.92	19.8	0	
10	QPSK	1	25	18.95	18.95	18.90			
10	QPSK	1	49	18.92	18.95	18.91	19.8	0	
10	QPSK	25	0	18.95	19.08	18.93			
10	QPSK	25	12	18.87	19.07	18.92	19.8	0	
10	QPSK	25	25	18.94	18.86	18.90			
10	QPSK	50	0	18.97	18.99	18.97	19.8	0	
10	16QAM	1	0	19.00	18.93	18.89			
10	16QAM	1	25	18.91	18.97	18.87	19.8	0	
10	16QAM	1	49	18.97	18.92	18.88			
10	16QAM	25	0	18.92	18.88	18.91	19.8	0	
10	16QAM	25	12	18.98	19.02	18.88			
10	16QAM	25	25	19.02	18.94	18.87	19.8	0	
10	16QAM	50	0	18.90	18.93	18.92			
10	64QAM	1	0	18.86	19.07	18.90	19.8	0	
10	64QAM	1	25	19.05	19.05	18.94			
10	64QAM	1	49	19.00	18.96	18.88	19.8	0	
10	64QAM	25	0	18.88	18.89	18.83			
10	64QAM	25	12	18.99	18.90	18.80	19.8	0	
10	64QAM	25	25	18.89	18.97	18.93			
10	64QAM	50	0	18.89	19.02	18.99	19.8	0	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	18.96	19.00	18.90	19.8	0	
5	QPSK	1	12	18.88	18.82	18.89			
5	QPSK	1	24	18.93	18.96	18.85	19.8	0	
5	QPSK	12	0	18.95	18.94	18.88			
5	QPSK	12	7	18.83	18.92	18.94	19.8	0	
5	QPSK	12	13	18.93	18.86	18.97			
5	QPSK	25	0	18.93	18.99	18.90	19.8	0	
5	16QAM	1	0	19.93	18.94	18.86			
5	16QAM	1	12	18.97	18.95	18.77	19.8	0	
5	16QAM	1	24	18.93	18.89	18.91			
5	16QAM	12	0	18.89	18.86	18.84	19.8	0	
5	16QAM	12	7	18.86	18.96	18.82			
5	16QAM	12	13	18.91	18.94	18.76	19.8	0	
5	16QAM	25	0	18.88	18.97	18.83			
5	64QAM	1	0	18.83	19.03	18.94	19.8	0	
5	64QAM	1	12	19.00	18.96	18.93			
5	64QAM	1	24	18.91	18.93	18.84	19.8	0	
5	64QAM	12	0	18.87	18.87	18.78			
5	64QAM	12	7	18.92	18.81	18.79	19.8	0	
5	64QAM	12	13	18.90	18.90	18.89			
5	64QAM	25	0	18.77	18.99	18.89	19.8	0	
Channel				20415	20525	20635			
Frequency (MHz)				826.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	18.97	19.05	18.93	19.8	0	
3	QPSK	1	8	18.91	18.93	18.93			
3	QPSK	1	14	18.94	18.92	18.97	19.8	0	
3	QPSK	8	0	18.95	18.94	18.96			
3	QPSK	8	4	18.87	18.95	18.87	19.8	0	
3	QPSK	8	7	18.81	18.87	18.90			
3	QPSK	15	0	18.88	18.87	18.84	19.8	0	
3	16QAM	1	0	18.93	18.93	18.90			
3	16QAM	1	8	18.96	18.93	18.88	19.8	0	
3	16QAM	1	14	18.92	18.89	18.89			
3	16QAM	8	0	18.96	18.93	18.79	19.8	0	
3	16QAM	8	4	18.87	19.02	18.82			
3	16QAM	8	7	18.90	18.93	18.78	19.8	0	
3	16QAM	15	0	18.87	18.93	18.94			
3	64QAM	1	0	18.87	18.96	18.86	19.8	0	
3	64QAM	1	8	18.88	18.94	18.86			
3	64QAM	1	14	19.02	18.93	18.80	19.8	0	
3	64QAM	8	0	18.87	18.91	18.86			
3	64QAM	8	4	18.89	18.85	18.81	19.8	0	
3	64QAM	8	7	18.89	18.93	18.82			
3	64QAM	15	0	18.89	18.94	18.87	19.8	0	
Channel				20407 <th>20525<th>20643</th></th>	20525 <th>20643</th>	20643			
Frequency (MHz)				824.7 <th>835.5<th>848.3</th><th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	835.5 <th>848.3</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	848.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	18.91	19.05	18.97	19.8	0	
1.4	QPSK	1	3	18.93	18.83	18.97			
1.4	QPSK	1	3	18.96	18.96	18.85	19.8	0	
1.4	QPSK	3	0	18.98	18.98	18.95			
1.4	QPSK	3	1	18.92	18.98	18.93	19.8	0	
1.4	QPSK	3	3	18.83	18.82	18.97			
1.4	QPSK	6	0	18.90	18.94	18.92	19.8	0	
1.4	16QAM	1	0	18.92	18.81	18.94			
1.4	16QAM	1	3	18.92	18.97	18.87	19.8	0	
1.4	16QAM	1	5	18.89	18.82	18.89			
1.4	16QAM	3	0	18.94	18.90	18.81	19.8	0	
1.4	16QAM	3	1	18.94	19.01	18.93			
1.4	16QAM	3	3	18.97	18.87	18.84	19.8	0	
1.4	16QAM	6	0	18.84	18.93	18.84			
1.4	64QAM	1	0	18.87	18.93	18.82	19.8	0	
1.4	64QAM	1	3	18.91	18.95	18.80			
1.4	64QAM	1	5	18.89	18.92	18.83	19.8	0	
1.4	64QAM	3	0	18.95	18.95	18.81			
1.4	64QAM	3	3	18.88	18.85	18.77	19.8	0	
1.4	64QAM	6	0	18.86	18.93	18.90			

Band 7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	2510	2535	
Frequency (MHz)				0		0			
20	QPSK	1	0	12.54	12.86	12.54	13.3	0	
20	QPSK	1	49	12.43	12.41	12.39			
20	QPSK	1	99	12.46	12.61	12.41			
20	QPSK	50	0	12.56	12.84	12.57	13.3	0	
20	QPSK	50	24	12.49	12.52	12.38			
20	QPSK	50	50	12.41	12.49	12.43			
20	QPSK	100	0	12.52	12.56	12.42	13.3	0	
20	16QAM	1	0	12.50	12.52	12.44			
20	16QAM	1	49	12.40	12.46	12.43			
20	16QAM	1	99	12.46	12.45	12.35	13.3	0	
20	16QAM	50	0	12.39	12.48	12.38			
20	16QAM	50	24	12.36	12.45	12.39			
20	16QAM	50	50	12.50	12.47	12.52	13.3	0	
20	16QAM	100	0	12.57	12.47	12.49			
20	64QAM	1	0	12.46	12.38	12.45			
20	64QAM	1	49	12.45	12.45	12.35	13.3	0	
20	64QAM	1	99	12.40	12.44	12.38			
20	64QAM	50	0	12.39	12.48	12.38			
20	64QAM	50	24	12.56	12.46	12.46	13.3	0	
20	64QAM	50	50	12.52	12.37	12.35			
20	64QAM	100	0	12.39	12.44	12.45			
Channel				20825	21100	21375	2507.5	2535	
Frequency (MHz)				0		0			
15	QPSK	1	0	12.44	12.58	12.45	13.3	0	
15	QPSK	1	37	12.31	12.30	12.37			
15	QPSK	1	74	12.24	12.42	12.31			
15	QPSK	36	0	12.43	12.45	12.37	13.3	0	
15	QPSK	36	20	12.35	12.35	12.40			
15	QPSK	36	39	12.33	12.27	12.34			
15	QPSK	75	0	12.32	12.50	12.31	13.3	0	
15	16QAM	1	0	12.32	12.47	12.30			
15	16QAM	1	37	12.33	12.28	12.38			
15	16QAM	1	74	12.45	12.28	12.28	13.3	0	
15	16QAM	36	0	12.34	12.46	12.36			
15	16QAM	36	20	12.34	12.35	12.35			
15	16QAM	36	39	12.27	12.25	12.32	13.3	0	
15	16QAM	75	0	12.37	12.48	12.36			
15	64QAM	1	0	12.31	12.31	12.22			
15	64QAM	1	37	12.30	12.37	12.37	13.3	0	
15	64QAM	1	74	12.39	12.29	12.22			
15	64QAM	36	0	12.31	12.38	12.37			
15	64QAM	36	20	12.41	12.35	12.30	13.3	0	
15	64QAM	36	39	12.47	12.34	12.33			
15	64QAM	75	0	12.31	12.45	12.30			
Channel				20800	21100	21400	2505	2535	
Frequency (MHz)				0		0			
10	QPSK	1	0	12.44	12.46	12.47	13.3	0	
10	QPSK	1	25	12.44	12.28	12.31			
10	QPSK	1	49	12.24	12.46	12.36			
10	QPSK	25	0	12.43	12.50	12.34	13.3	0	
10	QPSK	25	12	12.37	12.36	12.34			
10	QPSK	25	25	12.42	12.36	12.28			
10	QPSK	50	0	12.38	12.44	12.34	13.3	0	
10	16QAM	1	0	12.41	12.36	12.23			
10	16QAM	1	25	12.32	12.28	12.30			
10	16QAM	1	49	12.41	12.33	12.27	13.3	0	
10	16QAM	25	0	12.30	12.49	12.24			
10	16QAM	25	12	12.29	12.33	12.29			
10	16QAM	25	25	12.38	12.31	12.41	13.3	0	
10	16QAM	50	0	12.36	12.47	12.32			
10	64QAM	1	0	12.37	12.30	12.31			
10	64QAM	1	25	12.30	12.32	12.25	13.3	0	
10	64QAM	1	49	12.34	12.38	12.22			
10	64QAM	25	0	12.31	12.27	12.30			
10	64QAM	25	12	12.37	12.36	12.32	13.3	0	
10	64QAM	25	25	12.42	12.33	12.32			
10	64QAM	50	0	12.34	12.33	12.27			
Channel				20775	21100	21425	2502.5	2535	
Frequency (MHz)				0		0			
5	QPSK	1	0	12.39	12.50	12.38	13.3	0	
5	QPSK	1	12	12.43	12.31	12.29			
5	QPSK	1	24	12.31	12.46	12.30			
5	QPSK	12	0	12.42	12.52	12.46	13.3	0	
5	QPSK	12	7	12.38	12.46	12.27			
5	QPSK	12	13	12.33	12.40	12.37			
5	QPSK	25	0	12.41	12.48	12.32	13.3	0	
5	16QAM	1	0	12.32	12.41	12.35			
5	16QAM	1	12	12.29	12.37	12.32			
5	16QAM	1	24	12.39	12.25	12.34	13.3	0	
5	16QAM	12	0	12.35	12.46	12.33			
5	16QAM	12	7	12.34	12.32	12.25			
5	16QAM	12	13	12.38	12.26	12.43	13.3	0	
5	16QAM	25	0	12.42	12.38	12.42			
5	64QAM	1	0	12.39	12.27	12.30			
5	64QAM	1	12	12.34	12.32	12.29	13.3	0	
5	64QAM	1	24	12.28	12.39	12.34			
5	64QAM	12	0	12.28	12.35	12.28			
5	64QAM	12	7	12.39	12.39	12.37	13.3	0	
5	64QAM	12	13	12.35	12.26	12.33			
5	64QAM	25	0	12.26	12.35	12.33			

Band 7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.02	21.10	21.10	22.1	0	
20	QPSK	1	49	20.92	20.94	21.03			
20	QPSK	1	99	20.99	20.96	21.02			
20	QPSK	50	0	21.05	21.06	21.03	22.1	0	
20	QPSK	50	24	21.00	21.00	21.02			
20	QPSK	50	50	20.92	20.93	21.01			
20	QPSK	100	0	21.02	21.05	21.01	22.1	0	
20	16QAM	1	0	20.97	20.89	20.98			
20	16QAM	1	49	20.94	20.94	21.00			
20	16QAM	1	99	20.92	20.94	21.09	22.1	0	
20	16QAM	50	0	21.01	20.96	21.07			
20	16QAM	50	24	21.04	20.95	20.97			
20	16QAM	50	50	21.00	20.89	21.00	22.1	0	
20	16QAM	100	0	20.92	20.92	20.97			
20	64QAM	1	0	20.92	20.91	21.00			
20	64QAM	1	49	20.93	20.98	21.08	22.1	0	
20	64QAM	1	99	20.96	20.94	21.04			
20	64QAM	50	0	20.20	20.14	20.24			
20	64QAM	50	24	20.26	20.16	20.27	21.1	1	
20	64QAM	50	50	20.23	20.20	20.34			
20	64QAM	100	0	20.20	20.19	20.28			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	20.96	20.89	21.04	22.1	0	
15	QPSK	1	37	20.92	20.96	20.96			
15	QPSK	1	74	21.04	20.93	20.96			
15	QPSK	36	0	21.00	20.89	21.01	22.1	0	
15	QPSK	36	20	20.96	20.97	21.08			
15	QPSK	36	39	21.02	20.89	21.07	22.1	0	
15	QPSK	75	0	20.97	20.90	21.07			
15	16QAM	1	0	20.94	20.99	20.99			
15	16QAM	1	37	20.96	20.88	20.97	22.1	0	
15	16QAM	1	74	20.92	20.88	21.04			
15	16QAM	36	0	20.95	20.94	21.02			
15	16QAM	36	20	21.01	20.90	21.07	22.1	0	
15	16QAM	36	39	20.93	20.91	20.99			
15	16QAM	75	0	21.03	20.89	20.98			
15	64QAM	1	0	21.05	20.96	21.02	22.1	0	
15	64QAM	1	37	20.98	20.98	20.97			
15	64QAM	1	74	20.97	20.87	21.08			
15	64QAM	36	0	20.05	20.01	20.08	21.1	1	
15	64QAM	36	20	20.15	20.05	20.20			
15	64QAM	36	39	20.07	20.12	20.21			
15	64QAM	75	0	20.13	20.05	20.13	Tune-up limit (dBm)	MPR (dB)	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.04	20.97	21.08	22.1	0	
10	QPSK	1	25	20.96	20.95	21.04			
10	QPSK	1	49	21.02	20.99	20.98			
10	QPSK	25	0	20.99	20.97	20.96	22.1	0	
10	QPSK	25	12	21.05	20.92	21.07			
10	QPSK	25	25	21.03	20.92	20.99			
10	QPSK	50	0	20.92	20.93	20.98	22.1	0	
10	16QAM	1	0	21.04	20.95	21.06			
10	16QAM	25	0	20.97	20.94	21.04			
10	16QAM	1	49	20.99	20.96	21.06	22.1	0	
10	16QAM	25	0	21.01	20.89	21.09			
10	16QAM	25	12	21.00	20.88	20.99			
10	16QAM	25	25	20.99	20.93	21.05	22.1	0	
10	16QAM	50	0	21.05	20.89	21.04			
10	64QAM	1	0	20.98	20.96	21.03			
10	64QAM	1	25	21.05	20.93	21.01	22.1	0	
10	64QAM	1	49	20.93	20.97	21.02			
10	64QAM	25	0	20.04	20.02	20.18			
10	64QAM	25	12	20.16	20.09	20.19	21.1	1	
10	64QAM	25	25	20.10	20.05	20.29			
10	64QAM	50	0	20.07	20.05	20.20			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.03	20.97	21.00	22.1	0	
5	QPSK	1	12	21.05	20.93	21.03			
5	QPSK	1	24	21.04	20.97	21.06			
5	QPSK	12	0	20.93	20.94	21.08	22.1	0	
5	QPSK	12	7	20.99	20.91	20.99			
5	QPSK	12	13	20.99	20.91	20.98			
5	QPSK	25	0	20.96	20.91	21.04	22.1	0	
5	16QAM	1	0	20.99	20.94	21.06			
5	16QAM	1	12	20.96	20.96	21.05			
5	16QAM	1	24	21.00	20.89	21.08	22.1	0	
5	16QAM	12	0	21.05	20.92	21.08			
5	16QAM	12	7	21.05	20.94	21.00			
5	16QAM	12	13	21.01	20.97	20.98	22.1	0	
5	16QAM	25	0	21.01	20.94	21.06			
5	64QAM	1	0	20.97	20.88	21.00			
5	64QAM	1	12	21.02	20.93	21.00	22.1	0	
5	64QAM	1	24	20.97	20.99	21.04			
5	64QAM	12	0	20.09	20.09	21.00			
5	64QAM	12	7	20.21	20.10	20.16	21.1	1	
5	64QAM	12	13	20.14	20.08	20.29			
5	64QAM	25	0	20.07	20.12	20.23			

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	21.8	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	20.92	21.15	21.03			
10	QPSK	1	25	20.71	20.83	20.95	21.8	0	
10	QPSK	1	49	20.90	20.78	20.84			
10	QPSK	25	0	21.06	21.08	20.94			
10	QPSK	25	12	20.84	20.82	20.81	21.8	0	
10	QPSK	25	25	20.81	20.86	20.93			
10	QPSK	50	0	20.88	20.98	20.92			
10	16QAM	1	0	20.72	20.81	20.86	21.8	0	
10	16QAM	1	25	20.91	20.79	20.80			
10	16QAM	1	49	20.77	20.77	20.91			
10	16QAM	25	0	20.94	21.01	20.95	21.8	0	
10	16QAM	25	12	20.82	20.81	20.82			
10	16QAM	25	25	20.85	20.71	20.91			
10	16QAM	50	0	20.89	20.88	20.87	21.8	0	
10	64QAM	1	0	20.77	20.86	20.74			
10	64QAM	1	25	20.93	20.78	20.87			
10	64QAM	1	49	20.82	20.78	20.82	21.8	0	
10	64QAM	25	0	20.94	20.90	20.80			
10	64QAM	25	12	20.99	20.84	20.68			
10	64QAM	25	25	20.80	20.59	20.62	21.8	0	
10	64QAM	50	0	20.65	20.63	20.53			
Channel				23035	23095	23155	21.8	0	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	20.79	21.00	20.85			
5	QPSK	1	12	20.59	20.77	20.81	21.8	0	
5	QPSK	1	24	20.63	20.66	20.64			
5	QPSK	12	0	20.91	20.97	20.81			
5	QPSK	12	7	20.73	20.75	20.68	21.8	0	
5	QPSK	12	13	20.71	20.76	20.80			
5	QPSK	25	0	20.76	20.79	20.65			
5	16QAM	1	0	20.63	20.70	20.82	21.8	0	
5	16QAM	1	12	20.78	20.68	20.69			
5	16QAM	1	24	20.70	20.73	20.78			
5	16QAM	12	0	20.69	20.86	20.79	21.8	0	
5	16QAM	12	7	20.61	20.65	20.77			
5	16QAM	12	13	20.78	20.63	20.80			
5	16QAM	25	0	20.75	20.67	20.70	21.8	0	
5	64QAM	1	0	20.66	20.63	20.67			
5	64QAM	1	12	20.93	20.62	20.76			
5	64QAM	1	24	20.64	20.68	20.58	21.8	0	
5	64QAM	12	0	20.61	20.53	20.54			
5	64QAM	12	7	20.67	20.65	20.58			
5	64QAM	12	13	20.65	20.48	20.52	21.8	0	
5	64QAM	25	0	20.62	20.59	20.57			
Channel				23025	23095	23165	21.8	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	20.79	20.89	20.84			
3	QPSK	1	8	20.56	20.67	20.81	21.8	0	
3	QPSK	1	14	20.65	20.68	20.73			
3	QPSK	8	0	20.82	20.94	20.82			
3	QPSK	8	4	20.67	20.70	20.62	21.8	0	
3	QPSK	8	7	20.76	20.82	20.73			
3	QPSK	15	0	20.77	20.70	20.66			
3	16QAM	1	0	20.58	20.64	20.81	21.8	0	
3	16QAM	1	8	20.85	20.68	20.71			
3	16QAM	1	14	20.67	20.72	20.73			
3	16QAM	8	0	20.76	20.93	20.82	21.8	0	
3	16QAM	8	4	20.63	20.65	20.83			
3	16QAM	8	7	20.77	20.67	20.77			
3	16QAM	15	0	20.80	20.75	20.72	21.8	0	
3	64QAM	1	0	20.67	20.69	20.65			
3	64QAM	1	8	20.85	20.59	20.77			
3	64QAM	1	14	20.58	20.69	20.69	21.8	0	
3	64QAM	8	0	20.54	20.52	20.56			
3	64QAM	8	4	20.58	20.57	20.57			
3	64QAM	8	7	20.62	20.55	20.58	21.8	0	
3	64QAM	15	0	20.62	20.63	20.62			
Channel				23017	23095	23173	21.8	0	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	20.79	20.95	20.81			
1.4	QPSK	1	3	20.66	20.73	20.76	21.8	0	
1.4	QPSK	1	5	20.69	20.67	20.69			
1.4	QPSK	3	0	20.88	21.00	20.82			
1.4	QPSK	3	1	20.76	20.68	20.64	21.8	0	
1.4	QPSK	3	3	20.75	20.70	20.85			
1.4	QPSK	6	0	20.74	20.66	20.74			
1.4	16QAM	1	0	20.56	20.65	20.83	21.8	0	
1.4	16QAM	1	3	20.78	20.59	20.67			
1.4	16QAM	1	5	20.74	20.67	20.80			
1.4	16QAM	3	0	20.80	20.84	20.82	21.8	0	
1.4	16QAM	3	1	20.67	20.65	20.82			
1.4	16QAM	3	3	20.79	20.66	20.80			
1.4	16QAM	6	0	20.72	20.78	20.79	21.8	0	
1.4	64QAM	1	0	20.73	20.66	20.69			
1.4	64QAM	1	3	20.84	20.68	20.81			
1.4	64QAM	1	5	20.67	20.69	20.64	21.8	0	
1.4	64QAM	3	0	20.52	20.54	20.48			
1.4	64QAM	3	1	20.64	20.59	20.67			
1.4	64QAM	3	3	20.69	20.56	20.52	21.8	0	
1.4	64QAM	6	0	20.63	20.54	20.57			

Band 13_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			24.8	0	
Frequency (MHz)				782					
10	QPSK	1	0		23.98				
10	QPSK	1	25		23.94		23.8	1	
10	QPSK	1	49		23.90				
10	QPSK	25	0		22.97				
10	QPSK	25	12		22.89		23.8	1	
10	QPSK	25	25		22.92				
10	QPSK	50	0		22.90				
10	16QAM	1	0		23.10		23.8	1	
10	16QAM	1	25		23.15				
10	16QAM	1	49		23.13				
10	16QAM	25	0		21.93		22.8	2	
10	16QAM	25	12		21.91				
10	16QAM	25	25		21.96				
10	16QAM	50	0		21.94		22.8	2	
10	64QAM	1	0		22.07				
10	64QAM	1	25		22.07				
10	64QAM	1	49		22.12		21.8	3	
10	64QAM	25	0		20.91				
10	64QAM	25	12		20.90				
10	64QAM	25	25		20.94		21.8	3	
10	64QAM	50	0		20.93				
Channel				23205	23230	23255	24.8	0	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	23.83	23.89	23.89			
5	QPSK	1	12	23.86	23.84	23.89	24.8	0	
5	QPSK	1	24	23.80	23.74	23.85			
5	QPSK	12	0	22.88	22.83	22.83			
5	QPSK	12	7	22.77	22.77	22.76	23.8	1	
5	QPSK	12	13	22.87	22.79	22.83			
5	QPSK	25	0	22.81	22.80	22.82			
5	16QAM	1	0	22.96	23.01	23.01	23.8	1	
5	16QAM	1	12	23.08	23.03	23.04			
5	16QAM	1	24	23.05	23.07	23.08	22.8	2	
5	16QAM	12	0	21.90	21.77	21.84			
5	16QAM	12	7	21.83	21.79	21.82			
5	16QAM	12	13	21.92	21.81	21.87	22.8	2	
5	16QAM	25	0	21.89	21.85	21.88			
5	64QAM	1	0	22.02	22.00	22.00			
5	64QAM	1	12	22.02	21.98	21.96	22.8	2	
5	64QAM	1	24	22.02	21.99	21.97			
5	64QAM	12	0	20.80	20.84	20.76			
5	64QAM	12	7	20.85	20.74	20.81	21.8	3	
5	64QAM	12	13	20.78	20.84	20.79			
5	64QAM	25	0	20.88	20.84	20.79			

Band 17_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.83	23.85	23.82	23.8	0	
10	QPSK	1	25	23.68	23.78	23.76			
10	QPSK	1	49	23.82	23.81	23.81			
10	QPSK	25	0	22.83	22.85	22.82	23.8	1	
10	QPSK	25	12	22.75	22.76	22.77			
10	QPSK	25	25	22.80	22.81	22.81			
10	QPSK	50	0	22.79	22.82	22.76	23.8	1	
10	16QAM	1	0	22.93	23.01	22.94			
10	16QAM	1	25	23.06	23.03	23.01			
10	16QAM	1	49	23.07	23.02	22.99	22.8	2	
10	16QAM	25	0	21.73	21.73	21.71			
10	16QAM	25	12	21.72	21.74	21.73			
10	16QAM	25	25	21.79	21.79	21.78	22.8	2	
10	16QAM	50	0	21.79	21.77	21.74			
10	64QAM	1	0	21.84	21.93	21.83			
10	64QAM	1	25	21.96	21.96	21.93	21.8	3	
10	64QAM	1	49	21.98	21.97	21.93			
10	64QAM	25	0	20.72	20.70	20.69			
10	64QAM	25	12	20.71	20.74	20.73	21.8	3	
10	64QAM	25	25	20.77	20.80	20.75			
10	64QAM	50	0	20.75	20.75	20.72			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.72	23.76	23.72	24.8	0	
5	QPSK	1	12	23.59	23.64	23.63			
5	QPSK	1	24	23.76	23.72	23.70			
5	QPSK	12	0	22.69	22.71	22.71	23.8	1	
5	QPSK	12	7	22.65	22.64	22.65			
5	QPSK	12	13	22.65	22.76	22.74			
5	QPSK	25	0	22.63	22.74	22.69	23.8	1	
5	16QAM	1	0	22.82	22.87	22.85			
5	16QAM	1	12	22.97	22.98	22.91			
5	16QAM	1	24	22.93	22.88	22.83	22.8	2	
5	16QAM	12	0	21.70	21.57	21.55			
5	16QAM	12	7	21.65	21.66	21.68			
5	16QAM	12	13	21.71	21.74	21.68	22.8	2	
5	16QAM	25	0	21.75	21.63	21.58			
5	64QAM	1	0	21.74	21.84	21.78			
5	64QAM	1	12	21.89	21.81	21.87	22.8	2	
5	64QAM	1	24	21.87	21.86	21.85			
5	64QAM	12	0	20.57	20.59	20.54			
5	64QAM	12	7	20.55	20.67	20.64	21.8	3	
5	64QAM	12	13	20.70	20.66	20.63			
5	64QAM	25	0	20.63	20.67	20.63			

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	20.90	21.02	20.89	21.8	0	
10	QPSK	1	25	20.62	20.76	20.77			
10	QPSK	1	49	20.62	20.61	20.75			
10	QPSK	25	0	20.62	21.00	20.84	21.8	0	
10	QPSK	25	12	20.68	20.68	20.65			
10	QPSK	25	25	20.77	20.75	20.80			
10	QPSK	50	0	20.79	20.80	20.77	21.8	0	
10	16QAM	1	0	20.51	20.71	20.70			
10	16QAM	1	25	20.85	20.60	20.78			
10	16QAM	1	49	20.75	20.68	20.78	21.8	0	
10	16QAM	25	0	20.79	20.92	20.88			
10	16QAM	25	12	20.59	20.64	20.74			
10	16QAM	25	25	20.76	20.64	20.78	21.8	0	
10	16QAM	50	0	20.71	20.69	20.76			
10	64QAM	1	0	20.79	20.70	20.68			
10	64QAM	1	25	20.85	20.62	20.74	21.8	0	
10	64QAM	1	49	20.64	20.64	20.60			
10	64QAM	25	0	20.54	20.59	20.55			
10	64QAM	25	12	20.70	20.64	20.61	21.8	0	
10	64QAM	25	25	20.73	20.56	20.58			
10	64QAM	50	0	20.65	20.53	20.53			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	20.85	20.92	20.76	21.8	0	
5	QPSK	1	12	20.67	20.71	20.77			
5	QPSK	1	24	20.73	20.59	20.72			
5	QPSK	12	0	20.87	20.95	20.77	21.8	0	
5	QPSK	12	7	20.63	20.76	20.61			
5	QPSK	12	13	20.71	20.80	20.78			
5	QPSK	25	0	20.72	20.78	20.68	21.8	0	
5	16QAM	1	0	20.56	20.62	20.70			
5	16QAM	1	12	20.78	20.57	20.71			
5	16QAM	1	24	20.63	20.69	20.79	21.8	0	
5	16QAM	12	0	20.76	20.85	20.90			
5	16QAM	12	7	20.61	20.67	20.77			
5	16QAM	12	13	20.74	20.58	20.83	21.8	0	
5	16QAM	25	0	20.70	20.71	20.72			
5	64QAM	1	0	20.69	20.64	20.63			
5	64QAM	1	12	20.86	20.71	20.72	21.8	0	
5	64QAM	1	24	20.58	20.69	20.64			
5	64QAM	12	0	20.54	20.52	20.55			
5	64QAM	12	7	20.60	20.61	20.62	21.8	0	
5	64QAM	12	13	20.72	20.52	20.64			
5	64QAM	25	0	20.68	20.55	20.63			

Band 26_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.00	24.03	23.98	24.8	0	
15	QPSK	1	37	23.98	23.95	23.95			
15	QPSK	1	74	23.94	23.88	23.90			
15	QPSK	36	0	22.85	22.85	22.86	23.8	1	
15	QPSK	36	20	22.85	22.82	22.85			
15	QPSK	36	39	22.90	22.85	22.86			
15	QPSK	75	0	22.92	22.93	22.90	23.8	1	
15	16QAM	1	0	23.17	23.18	23.15			
15	16QAM	1	37	23.19	23.19	23.17			
15	16QAM	1	74	23.21	23.11	23.13	22.8	2	
15	16QAM	36	0	21.93	21.95	21.91			
15	16QAM	36	20	21.93	21.92	21.92			
15	16QAM	36	39	21.95	21.90	21.89	22.8	2	
15	16QAM	75	0	21.95	21.95	21.94			
15	64QAM	1	0	22.06	22.09	22.06			
15	64QAM	1	37	22.02	22.06	22.06	22.8	2	
15	64QAM	1	74	22.11	22.01	22.03			
15	64QAM	36	0	20.95	20.96	20.93			
15	64QAM	36	20	20.94	20.92	20.94	21.8	3	
15	64QAM	36	39	20.96	20.91	20.89			
15	64QAM	75	0	20.93	20.93	20.93			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.94	23.98	23.82	24.8	0	
10	QPSK	1	25	23.93	23.82	23.87			
10	QPSK	1	49	23.88	23.75	23.83			
10	QPSK	25	0	22.85	22.81	22.85	23.8	1	
10	QPSK	25	12	22.70	22.75	22.78			
10	QPSK	25	25	22.79	22.74	22.80			
10	QPSK	50	0	22.87	22.83	22.77	23.8	1	
10	16QAM	1	0	23.09	23.08	23.08			
10	16QAM	1	25	23.10	23.08	23.01			
10	16QAM	1	49	23.11	22.99	23.05	22.8	2	
10	16QAM	25	0	21.88	21.81	21.81			
10	16QAM	25	12	21.86	21.87	21.80			
10	16QAM	25	25	21.93	21.79	21.80	22.8	2	
10	16QAM	50	0	21.92	21.89	21.87			
10	64QAM	1	0	21.97	21.99	21.95			
10	64QAM	1	25	21.92	21.92	21.95	22.8	2	
10	64QAM	1	49	21.95	21.94	21.95			
10	64QAM	25	0	20.80	20.89	20.81			
10	64QAM	25	12	20.80	20.77	20.87	21.8	3	
10	64QAM	25	25	20.86	20.79	20.76			
10	64QAM	50	0	20.81	20.87	20.86			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
5	QPSK	1	0	23.92	23.97	23.89	24.8	0	
5	QPSK	1	12	23.90	23.89	23.82			
5	QPSK	1	24	23.85	23.81	23.82			
5	QPSK	12	0	22.78	22.81	22.82	23.8	1	
5	QPSK	12	7	22.70	22.68	22.70			
5	QPSK	12	13	22.83	22.80	22.70			
5	QPSK	25	0	22.86	22.77	22.83	23.8	1	
5	16QAM	1	0	23.12	23.11	23.00			
5	16QAM	1	12	23.03	23.11	23.05			
5	16QAM	1	24	23.06	22.97	23.01	22.8	2	
5	16QAM	12	0	21.85	21.83	21.76			
5	16QAM	12	7	21.91	21.87	21.81			
5	16QAM	12	13	21.90	21.83	21.79	22.8	2	
5	16QAM	25	0	21.93	21.94	21.84			
5	64QAM	1	0	21.99	21.98	21.93			
5	64QAM	1	12	21.96	21.98	21.91	22.8	2	
5	64QAM	1	24	21.95	21.94	21.96			
5	64QAM	12	0	20.89	20.80	20.80			
5	64QAM	12	7	20.84	20.76	20.82	21.8	3	
5	64QAM	12	13	20.82	20.82	20.84			
5	64QAM	25	0	20.78	20.81	20.77			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	23.84	23.88	23.84	24.8	0	
3	QPSK	1	8	23.92	23.82	23.81			
3	QPSK	1	14	23.89	23.72	23.83			
3	QPSK	8	0	22.80	22.88	22.77	23.8	1	
3	QPSK	8	7	22.71	22.66	22.75			
3	QPSK	8	7	22.82	22.79	22.80			
3	QPSK	15	0	22.80	22.78	22.74	23.8	1	
3	16QAM	1	0	23.07	23.07	23.04			
3	16QAM	1	8	23.11	23.04	23.06			
3	16QAM	1	14	23.05	22.96	23.06	22.8	2	
3	16QAM	8	0	21.87	21.85	21.83			
3	16QAM	8	4	21.89	21.83	21.85			
3	16QAM	8	7	21.90	21.81	21.77	21.8	3	
3	16QAM	15	0	21.93	21.81	21.88			
3	64QAM	1	0	21.92	21.99	22.00			
3	64QAM	1	8	21.86	21.94	21.98	22.8	2	
3	64QAM	1	14	22.02	21.89	21.98			
3	64QAM	8	0	20.90	20.87	20.98			
3	64QAM	8	0	20.92	20.86	20.83	21.8	3	
3	64QAM	8	7	20.87	20.79	20.82			
3	64QAM	15	0	20.79	20.82	20.82			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	846.3			
1.4	QPSK	1	0	23.86	23.98	23.83	24.8	0	
1.4	QPSK	1	3	23.90	23.88	23.87			
1.4	QPSK	1	5	23.82	23.77	23.85			
1.4	QPSK	3	0	23.85	23.87	23.89	23.8	1	
1.4	QPSK	3	1	23.91	23.90	23.89			
1.4	QPSK	3	3	23.83	23.83	23.83			
1.4	QPSK	6	0	22.77	22.89	22.75	23.8	1	
1.4	16QAM	1	0	23.73	22.68	22.72			
1.4	16QAM	1	3	22.77	22.77	22.70			
1.4	16QAM	1	5	22.87	22.87	22.84	23.8	1	
1.4	16QAM	3	0	23.11	23.10	23.04			
1.4	16QAM	3	1	23.09	23.05	23.05			
1.4	16QAM	3	3	23.16	23.04	23.04	22.8	2	
1.4	16QAM	6	0	21.85	21.85	21.82			
1.4	64QAM	1	0	21.91	21.78	21.84			
1.4	64QAM	1	3	21.93	21.75	21.75	22.8	2	
1.4	64QAM	1	5	21.88	21.88	21.87			
1.4	64QAM	3	0	21.98	21.94	21.98			
1.4	64QAM	3	1	21.88	21.98	21.95	21.8	3	
1.4	64QAM	3	3	21.99	21.93	21.87			
1.4	64QAM	6	0	20.89	20.88	20.81			

Band 26_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	19.02	19.14	19.05	19.8	0	
15	QPSK	1	37	18.81	18.86	18.86			
15	QPSK	1	74	18.95	18.88	18.88			
15	QPSK	36	0	19.94	19.01	19.90	19.8	0	
15	QPSK	36	20	18.82	19.00	18.96			
15	QPSK	36	39	18.78	18.94	18.99			
15	QPSK	75	0	18.84	18.95	18.81	19.8	0	
15	16QAM	1	0	18.93	18.83	18.88			
15	16QAM	1	37	18.93	18.87	18.75			
15	16QAM	1	74	18.87	18.76	19.00	19.8	0	
15	16QAM	36	0	18.92	18.87	18.84			
15	16QAM	36	20	18.89	18.96	18.81			
15	16QAM	36	39	18.95	18.88	18.85	19.8	0	
15	16QAM	75	0	18.85	18.90	18.87			
15	64QAM	1	0	18.82	18.86	18.90			
15	64QAM	1	37	18.89	18.92	18.85	19.8	0	
15	64QAM	1	74	18.95	18.85	18.69			
15	64QAM	36	0	18.91	18.81	18.81			
15	64QAM	36	20	18.92	18.86	18.74	19.8	0	
15	64QAM	36	39	18.95	18.95	18.84			
15	64QAM	75	0	18.92	19.01	18.89			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	18.96	19.04	18.97	19.8	0	
10	QPSK	1	25	18.78	18.72	18.83			
10	QPSK	1	49	18.84	18.81	18.73			
10	QPSK	25	0	18.85	19.00	18.91	19.8	0	
10	QPSK	25	12	18.85	18.87	18.94			
10	QPSK	25	25	18.77	18.79	18.93			
10	QPSK	50	0	18.80	18.91	18.79	19.8	0	
10	16QAM	1	0	18.90	18.83	18.78			
10	16QAM	1	25	18.92	18.94	18.79			
10	16QAM	1	49	18.82	18.70	18.89	19.8	0	
10	16QAM	25	0	18.79	18.86	18.70			
10	16QAM	25	12	18.81	18.92	18.70			
10	16QAM	25	25	18.84	18.87	18.80	19.8	0	
10	16QAM	50	0	18.77	18.85	18.88			
10	64QAM	1	0	18.87	18.79	18.85			
10	64QAM	1	25	18.82	18.87	18.83	19.8	0	
10	64QAM	1	49	18.88	18.82	18.65			
10	64QAM	25	0	18.85	18.66	18.79			
10	64QAM	25	12	18.79	18.90	18.69	19.8	0	
10	64QAM	25	25	18.91	18.86	18.77			
10	64QAM	50	0	18.81	18.93	18.81			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	18.92	19.00	18.98	19.8	0	
5	QPSK	1	12	18.77	18.81	18.84			
5	QPSK	1	24	18.87	18.78	18.75			
5	QPSK	12	0	18.84	18.90	18.96	19.8	0	
5	QPSK	12	7	18.87	18.92	18.81			
5	QPSK	12	13	18.81	18.76	18.94			
5	QPSK	25	0	18.80	18.81	18.84	19.8	0	
5	16QAM	1	0	18.89	18.78	18.89			
5	16QAM	1	12	18.93	18.94	18.76			
5	16QAM	1	24	18.84	18.69	18.90	19.8	0	
5	16QAM	12	0	18.81	18.72	18.71			
5	16QAM	12	7	18.75	18.99	18.64			
5	16QAM	12	13	18.90	18.87	18.79	19.8	0	
5	16QAM	25	0	18.83	18.88	18.92			
5	64QAM	1	0	18.86	18.85	18.76			
5	64QAM	1	12	18.81	18.94	18.75	19.8	0	
5	64QAM	1	24	18.94	18.81	18.66			
5	64QAM	12	0	18.83	18.78	18.75			
5	64QAM	12	7	18.87	18.81	18.73	19.8	0	
5	64QAM	12	13	18.87	18.90	18.86			
5	64QAM	25	0	18.87	18.95	18.84			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	18.95	18.95	18.89	19.8	0	
3	QPSK	1	8	18.81	18.68	18.84			
3	QPSK	1	14	18.97	18.77	18.82			
3	QPSK	8	0	18.77	18.94	18.90	19.8	0	
3	QPSK	8	4	18.83	18.87	18.88			
3	QPSK	8	7	18.84	18.76	18.94			
3	QPSK	15	0	18.87	18.91	18.86	19.8	0	
3	16QAM	1	0	18.77	18.75	18.76			
3	16QAM	1	8	18.94	18.92	18.77			
3	16QAM	1	14	18.92	18.80	18.91	19.8	0	
3	16QAM	8	0	18.82	18.77	18.69			
3	16QAM	8	4	18.75	19.00	18.75			
3	16QAM	8	7	18.84	18.79	18.81	19.8	0	
3	16QAM	15	0	18.79	18.85	18.88			
3	64QAM	1	0	18.84	18.86	18.80			
3	64QAM	1	8	18.75	18.91	18.72	19.8	0	
3	64QAM	1	14	18.90	18.75	18.64			
3	64QAM	8	0	18.90	18.79	18.77			
3	64QAM	8	4	18.86	18.78	18.71	19.8	0	
3	64QAM	8	7	18.85	18.91	18.75			
3	64QAM	15	0	18.81	18.86	18.80			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	18.90	18.99	18.90	19.8	0	
1.4	QPSK	1	3	18.82	18.70	18.79			
1.4	QPSK	1	5	18.94	18.80	18.85			
1.4	QPSK	3	0	18.84	18.96	18.90	19.8	0	
1.4	QPSK	3	1	18.75	18.94	18.94			
1.4	QPSK	3	3	18.79	18.87	18.94			
1.4	QPSK	6	0	18.90	18.81	18.81	19.8	0	
1.4	16QAM	1	0	18.87	18.79	18.79			
1.4	16QAM	1	3	18.89	18.83	18.67			
1.4	16QAM	1	5	18.80	18.74	18.93	19.8	0	
1.4	16QAM	3	0	18.80	18.78	18.66			
1.4	16QAM	3	1	18.98	19.00	18.64			
1.4	16QAM	3	3	18.89	18.82	18.73	19.8	0	
1.4	16QAM	6	0	18.77	18.81	18.82			
1.4	64QAM	1	0	18.83	18.90	18.75			
1.4	64QAM	1	3	18.87	18.93	18.72	19.8	0	
1.4	64QAM	1	5	18.93	18.72	18.76			
1.4	64QAM	3	0	18.85	18.73	18.74			
1.4	64QAM	3	1	18.90	18.84	18.77	19.8	0	
1.4	64QAM	3	3	18.84	18.84	18.79			
1.4	64QAM	6	0	18.87	18.94	18.79			

Band 66_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.85	24.15	24.04	24.8	0	
20	QPSK	1	49	23.66	24.10	23.85			
20	QPSK	1	99	23.72	24.06	23.98			
20	QPSK	50	0	22.85	23.05	23.05	23.8	1	
20	QPSK	50	24	22.70	23.07	22.91			
20	QPSK	50	50	22.76	23.03	22.79			
20	QPSK	100	0	22.71	23.04	22.90	23.8	1	
20									

Band 66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	16.91	17.14	17.00	17.8	0	
20	QPSK	1	49	16.59	16.86	16.87			
20	QPSK	1	99	16.68	16.72	16.67			
20	QPSK	50	0	16.86	16.99	16.91	17.8	0	
20	QPSK	50	24	16.62	16.91	16.90			
20	QPSK	50	50	16.66	16.83	16.81			
20	QPSK	100	0	16.60	16.88	16.87	17.8	0	
20	16QAM	1	0	16.63	16.78	16.69			
20	16QAM	1	49	16.55	16.82	16.98			
20	16QAM	1	99	16.71	16.81	16.71	17.8	0	
20	16QAM	50	0	16.55	16.89	16.74			
20	16QAM	50	24	16.66	16.64	16.79			
20	16QAM	50	50	16.55	17.00	16.92	17.8	0	
20	16QAM	100	0	16.58	16.87	16.78			
20	64QAM	1	0	16.59	16.75	16.77			
20	64QAM	1	49	16.56	16.80	16.84	17.8	0	
20	64QAM	1	99	16.84	16.78	16.89			
20	64QAM	50	0	16.60	16.78	16.73			
20	64QAM	50	24	16.58	16.88	16.80	17.8	0	
20	64QAM	50	50	16.69	16.88	16.78			
20	64QAM	100	0	16.52	16.96	16.81			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	16.85	17.06	17.02	17.8	0	
15	QPSK	1	37	16.58	16.84	16.90			
15	QPSK	1	74	16.73	16.65	16.65			
15	QPSK	36	0	16.87	16.82	16.83	17.8	0	
15	QPSK	36	20	16.53	16.79	16.85			
15	QPSK	36	39	16.50	16.76	16.85			
15	QPSK	75	0	16.52	16.90	16.78	17.8	0	
15	16QAM	1	0	16.60	16.72	16.65			
15	16QAM	1	37	16.49	16.73	16.83			
15	16QAM	1	74	16.65	16.79	16.68	17.8	0	
15	16QAM	36	0	16.54	16.73	16.72			
15	16QAM	36	20	16.59	16.65	16.68			
15	16QAM	36	39	16.39	16.93	16.87	17.8	0	
15	16QAM	75	0	16.63	16.73	16.72			
15	64QAM	1	0	16.50	16.71	16.73			
15	64QAM	1	37	16.55	16.79	16.80	17.8	0	
15	64QAM	1	74	16.48	16.82	16.78			
15	64QAM	36	0	16.61	16.73	16.71			
15	64QAM	36	20	16.49	16.81	16.73	17.8	0	
15	64QAM	36	39	16.56	16.81	16.79			
15	64QAM	75	0	16.61	16.92	16.70			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	16.92	17.11	16.97	17.8	0	
10	QPSK	1	25	16.51	16.89	16.84			
10	QPSK	1	49	16.72	16.71	16.65			
10	QPSK	25	0	16.75	16.93	16.86	17.8	0	
10	QPSK	25	12	16.64	16.88	16.91			
10	QPSK	25	25	16.53	16.78	16.73			
10	QPSK	50	0	16.59	16.89	16.76	17.8	0	
10	16QAM	1	0	16.51	16.72	16.60			
10	16QAM	1	25	16.50	16.70	16.84			
10	16QAM	1	49	16.66	16.73	16.75	17.8	0	
10	16QAM	25	0	16.50	16.75	16.72			
10	16QAM	25	12	16.66	16.66	16.73			
10	16QAM	25	25	16.50	16.86	16.89	17.8	0	
10	16QAM	50	0	16.55	16.82	16.65			
10	64QAM	1	0	16.60	16.75	16.72			
10	64QAM	1	25	16.51	16.78	16.81	17.8	0	
10	64QAM	1	49	16.50	16.73	16.79			
10	64QAM	25	0	16.68	16.70	16.81			
10	64QAM	25	12	16.51	16.82	16.72	17.8	0	
10	64QAM	25	25	16.54	16.72	16.74			
10	64QAM	50	0	16.55	16.93	16.74			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	16.84	17.03	17.05	17.8	0	
5	QPSK	1	12	16.46	16.81	16.90			
5	QPSK	1	24	16.67	16.71	16.69			
5	QPSK	12	0	16.77	16.95	16.88	17.8	0	
5	QPSK	12	7	16.53	16.82	16.85			
5	QPSK	12	13	16.62	16.74	16.86			
5	QPSK	25	0	16.62	16.81	16.83	17.8	0	
5	16QAM	1	0	16.62	16.73	16.66			
5	16QAM	1	12	16.55	16.75	16.82			
5	16QAM	1	24	16.66	16.81	16.70	17.8	0	
5	16QAM	12	0	16.57	16.83	16.70			
5	16QAM	12	7	16.69	16.70	16.75			
5	16QAM	12	13	16.39	16.94	16.76	17.8	0	
5	16QAM	25	0	16.57	16.78	16.73			
5	64QAM	1	0	16.50	16.71	16.70			
5	64QAM	1	12	16.57	16.77	16.82	17.8	0	
5	64QAM	1	24	16.47	16.74	16.82			
5	64QAM	12	0	16.66	16.80	16.71			
5	64QAM	12	7	16.42	16.80	16.81	17.8	0	
5	64QAM	12	13	16.65	16.81	16.73			
5	64QAM	25	0	16.52	16.83	16.79			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	16.80	17.09	16.95	17.8	0	
3	QPSK	1	8	16.57	16.89	16.90			
3	QPSK	1	14	16.66	16.74	16.81			
3	QPSK	8	0	16.78	16.84	16.81	17.8	0	
3	QPSK	8	4	16.54	16.81	16.88			
3	QPSK	8	7	16.57	16.69	16.86			
3	QPSK	15	0	16.57	16.80	16.85	17.8	0	
3	16QAM	1	0	16.61	16.72	16.66			
3	16QAM	1	8	16.51	16.70	16.83			
3	16QAM	1	14	16.59	16.79	16.74	17.8	0	
3	16QAM	8	0	16.45	16.73	16.70			
3	16QAM	8	4	16.65	16.67	16.75			
3	16QAM	8	7	16.45	16.92	16.87	17.8	0	
3	16QAM	15	0	16.58	16.77	16.78			
3	64QAM	1	0	16.58	16.67	16.76			
3	64QAM	1	8	16.62	16.79	16.84	17.8	0	
3	64QAM	1	14	16.56	16.77	16.72			
3	64QAM	8	0	16.67	16.69	16.72			
3	64QAM	8	4	16.47	16.71	16.72	17.8	0	
3	64QAM	8	7	16.61	16.82	16.79			
3	64QAM	15	0	16.49	16.94	16.78			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	16.86	17.12	16.93	17.8	0	
1.4	QPSK	1	3	16.46	16.88	16.83			
1.4	QPSK	1	5	16.61	16.65	16.75			
1.4	QPSK	3	0	16.76	16.89	16.88	17.8	0	
1.4	QPSK	3	1	16.59	16.89	16.87			
1.4	QPSK	3	3	16.58	16.77	16.79			
1.4	QPSK	6	0	16.54	16.77	16.80	17.8	0	
1.4	16QAM	1	0	16.62	16.71	16.71			
1.4	16QAM	1	3	16.52	16.78	16.85	17.8	0	
1.4	16QAM	1	5	16.48	16.77	16.75			
1.4	16QAM	3	0	16.48	16.77	16.75			
1.4	16QAM	3	1	16.61	16.62	16.72	17.8	0	
1.4	16QAM	3	3	16.48	16.93	16.85			
1.4	16QAM	6	0	16.55	16.83	16.77			
1.4	64QAM	1	0	16.59	16.66	16.73	17.8	0	
1.4	64QAM	1	3	16.57	16.87	16.76			
1.4	64QAM	1	5	16.60	16.73	16.82			
1.4	64QAM	3	0	16.59	16.78	16.65	17.8	0	
1.4	64QAM	3	1	16.45	16.77	16.72			
1.4	64QAM	3	3	16.62	16.82	16.71			
1.4	64QAM	6	0	16.54	16.88	16.70	17.8	0	

Band 38_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	24.8	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.37	24.40	24.30			
20	QPSK	1	49	24.35	24.26	24.20			
20	QPSK	1	99	24.31	24.19	24.16	23.8	1	
20	QPSK	50	0	23.34	23.37	23.25			
20	QPSK	50	24	23.32	23.20	23.14			
20	QPSK	50	50	23.30	23.20	23.15			
20	QPSK	100	0	23.30	23.35	23.14	23.8	1	
20	16QAM	1	0	23.30	23.21	23.15			
20	16QAM	1	49	23.34	23.23	23.17			
20	16QAM	1	99	23.32	23.22	23.19			
20	16QAM	50	0	22.34	22.20	22.14	22.8	2	
20	16QAM	50	24	22.35	22.22	22.16			
20	16QAM	50	50	22.34	22.22	22.16			
20	16QAM	100	0	22.32	22.20	22.15			
20	64QAM	1	0	22.08	21.94	21.90	22.8	2	
20	64QAM	1	49	22.12	21.96	21.95			
20	64QAM	1	99	22.08	21.94	21.94			
20	64QAM	50	0	21.30	21.17	21.11			
20	64QAM	50	24	21.32	21.18	21.13	21.8	3	
20	64QAM	50	50	21.32	21.20	21.12			
20	64QAM	100	0	21.32	21.17	21.12			
Channel				37825	38000	38175	24.8	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	24.28	24.27	24.27			
15	QPSK	1	37	24.30	24.10	24.07			
15	QPSK	1	74	24.23	24.07	24.04	23.8	1	
15	QPSK	36	0	23.26	23.23	23.19			
15	QPSK	36	20	23.24	23.10	23.09			
15	QPSK	36	39	23.18	23.09	23.07			
15	QPSK	75	0	23.24	23.30	22.98	23.8	1	
15	16QAM	1	0	23.18	23.07	23.02			
15	16QAM	1	37	23.24	23.14	23.09			
15	16QAM	1	74	23.19	23.15	23.08			
15	16QAM	36	0	22.27	22.13	22.09	22.8	2	
15	16QAM	36	20	22.30	22.12	22.02			
15	16QAM	36	39	22.31	22.12	22.06			
15	16QAM	75	0	22.26	22.04	22.10			
15	64QAM	1	0	22.01	21.87	21.77	22.8	2	
15	64QAM	1	37	22.04	21.83	21.79			
15	64QAM	1	74	21.95	21.82	21.81			
15	64QAM	36	0	21.16	21.02	20.99			
15	64QAM	36	20	21.21	21.08	21.08	21.8	3	
15	64QAM	36	39	21.18	21.04	21.07			
15	64QAM	75	0	21.22	21.10	21.00			
Channel				37800	38000	38200	24.8	0	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	24.24	24.30	24.15			
10	QPSK	1	25	24.24	24.11	24.15			
10	QPSK	1	49	24.26	24.03	24.11	23.8	1	
10	QPSK	25	0	23.21	23.23	23.09			
10	QPSK	25	12	23.21	23.09	23.05			
10	QPSK	25	25	23.20	23.07	23.05			
10	QPSK	50	0	23.23	23.20	23.06	23.8	1	
10	16QAM	1	0	23.17	23.13	23.09			
10	16QAM	1	25	23.18	23.08	23.12			
10	16QAM	1	49	23.24	23.11	23.07			
10	16QAM	25	0	22.31	22.14	21.99	22.8	2	
10	16QAM	25	12	22.30	22.15	22.04			
10	16QAM	25	25	22.28	22.07	22.02			
10	16QAM	50	0	22.26	22.05	21.99			
10	64QAM	1	0	21.98	21.86	21.76	22.8	2	
10	64QAM	1	25	22.00	21.86	21.88			
10	64QAM	1	49	22.00	21.81	21.89			
10	64QAM	25	0	21.22	21.11	21.03			
10	64QAM	25	12	21.20	21.07	21.05	21.8	3	
10	64QAM	25	25	21.26	21.07	20.99			
10	64QAM	50	0	21.23	21.05	20.96			
Channel				37775	38000	38225	24.8	0	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	24.22	24.31	24.21			
5	QPSK	1	12	24.30	24.11	24.10			
5	QPSK	1	24	24.24	24.03	24.13	23.8	1	
5	QPSK	12	0	23.18	23.31	23.10			
5	QPSK	12	7	23.25	23.14	23.01			
5	QPSK	12	13	23.24	23.15	23.04			
5	QPSK	25	0	23.14	23.24	22.99	23.8	1	
5	16QAM	1	0	23.15	23.15	23.00			
5	16QAM	1	12	23.19	23.13	23.05			
5	16QAM	1	24	23.23	23.14	23.14			
5	16QAM	12	0	22.28	22.05	22.01	22.8	2	
5	16QAM	12	7	22.33	22.13	22.07			
5	16QAM	12	13	22.26	22.15	22.10			
5	16QAM	25	0	22.26	22.05	22.05			
5	64QAM	1	0	21.94	21.84	21.80	22.8	2	
5	64QAM	1	12	22.04	21.84	21.82			
5	64QAM	1	24	21.96	21.80	21.89			
5	64QAM	12	0	21.22	21.11	21.00			
5	64QAM	12	7	21.22	21.08	21.03	21.8	3	
5	64QAM	12	13	21.20	21.04	20.99			
5	64QAM	25	0	21.23	21.08	20.97			

Band 38_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	15.8	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	14.68	14.90	14.78			
20	QPSK	1	49	14.63	14.40	14.53			
20	QPSK	1	99	14.56	14.42	14.50	15.8	0	
20	QPSK	50	0	14.61	14.77	14.74			
20	QPSK	50	24	14.54	14.53	14.54			
20	QPSK	50	50	14.56	14.55	14.55			
20	QPSK	100	0	14.60	14.68	14.35	15.8	0	
20	16QAM	1	0	14.56	14.68	14.43			
20	16QAM	1	49	14.66	14.49	14.35			
20	16QAM	1	99	14.66	14.52	14.53			
20	16QAM	50	0	14.52	14.38	14.31	15.8	0	
20	16QAM	50	24	14.54	14.53	14.37			
20	16QAM	50	50	14.54	14.47	14.59			
20	16QAM	100	0	14.46	14.57	14.59			
20	64QAM	1	0	14.57	14.53	14.34	15.8	0	
20	64QAM	1	49	14.59	14.52	14.60			
20	64QAM	1	99	14.53	14.53	14.31			
20	64QAM	50	0	14.45	14.44	14.52			
20	64QAM	50	24	14.37	14.60	14.43	15.8	0	
20	64QAM	50	50	14.55	14.63	14.46			
20	64QAM	100	0	14.34	14.62	14.43			
Channel				37825	38000	38175	15.8	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	14.64	14.85	14.80			
15	QPSK	1	37	14.63	14.39	14.48			
15	QPSK	1	74	14.44	14.54	14.39	15.8	0	
15	QPSK	36	0	14.52	14.70	14.69			
15	QPSK	36	20	14.39	14.54	14.63			
15	QPSK	36	39	14.47	14.53	14.62			
15	QPSK	75	0	14.56	14.70	14.35	15.8	0	
15	16QAM	1	0	14.55	14.66	14.43			
15	16QAM	1	37	14.65	14.50	14.32			
15	16QAM	1	74	14.65	14.50	14.62	15.8	0	
15	16QAM	36	0	14.60	14.43	14.34			
15	16QAM	36	20	14.56	14.52	14.41			
15	16QAM	36	39	14.52	14.55	14.53			
15	16QAM	75	0	14.48	14.66	14.56	15.8	0	
15	64QAM	1	0	14.54	14.61	14.38			
15	64QAM	1	37	14.61	14.57	14.59			
15	64QAM	1	74	14.48	14.52	14.35	15.8	0	
15	64QAM	36	0	14.40	14.43	14.53			
15	64QAM	36	20	14.38	14.53	14.43			
15	64QAM	36	39	14.62	14.61	14.38			
15	64QAM	75	0	14.35	14.64	14.41	15.8	0	
Channel				37800	38000	38200			
Frequency (MHz)				2570	2595	2615			
10	QPSK	1	0	14.65	14.88	14.75			
10	QPSK	2	26	14.58	14.48	14.52	15.8	0	
10	QPSK	1	49	14.50	14.46	14.39			
10	QPSK	25	0	14.56	14.68	14.75			
10	QPSK	25	12	14.39	14.60	14.62			
10	QPSK	25	25	14.55	14.54	14.54	15.8	0	
10	QPSK	50	0	14.56	14.63	14.38			
10	16QAM	1	0	14.59	14.59	14.47			
10	16QAM	1	25	14.65	14.51	14.37			
10	16QAM	1	49	14.56	14.46	14.55	15.8	0	
10	16QAM	25	0	14.58	14.35	14.30			
10	16QAM	25	12	14.52	14.55	14.33			
10	16QAM	25	25	14.63	14.46	14.51			
10	16QAM	50	0	14.46	14.57	14.59	15.8	0	
10	64QAM	1	0	14.46	14.59	14.43			
10	64QAM	25	0	14.59	14.57	14.53			
10	64QAM	1	49	14.42	14.48	14.35			
10	64QAM	25	0	14.41	14.38	14.46	15.8	0	
10	64QAM	25	12	14.37	14.59	14.40			
10	64QAM	25	25	14.55	14.59	14.36			
10	64QAM	50	0	14.38	14.64	14.40			
Channel				37775	38000	38225	15.8	0	
Frequency (MHz)				2572.5	2596	2617.5			
5	QPSK	1	0	14.66	14.86	14.79			
5	QPSK	1	12	14.68	14.51	14.42			
5	QPSK	1	24	14.50	14.50	14.42	15.8	0	
5	QPSK	12	0	14.53	14.67	14.68			
5	QPSK	12	7	14.40	14.63	14.51			
5	QPSK	12	13	14.54	14.55	14.58			
5	QPSK	25	0	14.59	14.59	14.42	15.8	0	
5	16QAM	1	0	14.55	14.66	14.52			
5	16QAM	1	12	14.59	14.58	14.43			
5	16QAM	1	24	14.53	14.42	14.60			
5	16QAM	12	0	14.53	14.32	14.35	15.8	0	
5	16QAM	12	7	14.60	14.47	14.32			
5	16QAM	12	13	14.57	14.53	14.56			
5	16QAM	25	0	14.46	14.58	14.61			
5	64QAM	1	0	14.55	14.55	14.44	15.8	0	
5	64QAM	1	12	14.63	14.48	14.44			
5	64QAM	1	24	14.42	14.51	14.35			
5	64QAM	12	0	14.42	14.49	14.53			
5	64QAM	12	7	14.50	14.54	14.39	15.8	0	
5	64QAM	12	13	14.61	14.63	14.43			
5	64QAM	25	0	14.47	14.54	14.41			

Band 41_Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490			
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	24.28	24.44	24.45	24.20	24.15	24.8	0	
20	QPSK	1	49	24.22	24.34	24.38	24.16	24.05			
20	QPSK	1	99	24.25	24.42	24.30	24.17	24.11			
20	QPSK	50	0	23.28	23.38	23.40	23.35	23.15			
20	QPSK	50	24	23.20	23.29	23.31	23.22	23.09	23.8	1	
20	QPSK	50	50	23.25	23.35	23.30	23.19	23.11			
20	QPSK	100	0	23.20	23.31	23.33	23.19	23.08			
20	16QAM	1	0	23.05	23.25	23.34	23.14	22.99			
20	16QAM	1	49	23.24	23.32	23.39	23.18	23.08	23.8	1	
20	16QAM	1	99	23.29	23.46	23.29	23.21	23.17			
20	16QAM	50	0	22.11	22.25	22.35	22.18	22.02			
20	16QAM	50	24	22.21	22.29	22.31	22.22	22.09			
20	16QAM	50	50	22.27	22.37	22.31	22.21	22.14	22.8	2	
20	16QAM	100	0	22.20	22.31	22.32	22.21	22.08			
20	64QAM	1	0	21.78	21.92	22.06	21.88	21.73			
20	64QAM	1	49	21.97	22.05	22.08	21.95	21.81			
20	64QAM	1	99	22.01	22.15	22.02	21.95	21.89	22.8	2	
20	64QAM	50	0	21.13	21.23	21.34	21.18	21.03			
20	64QAM	50	24	21.23	21.27	21.32	21.21	21.11			
20	64QAM	50	50	21.28	21.35	21.31	21.21	21.14			
20	64QAM	100	0	21.22	21.29	21.33	21.21	21.10	21.8	3	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5			
15	QPSK	1	0	24.13	24.30	24.39	24.09	24.03	24.8	0	
15	QPSK	1	37	24.13	24.26	24.28	24.01	23.91			
15	QPSK	1	74	24.11	24.35	24.17	24.07	24.01			
15	QPSK	36	0	23.15	23.25	23.24	23.14	22.99			
15	QPSK	36	20	23.15	23.14	23.26	23.11	22.97	23.8	1	
15	QPSK	36	39	23.17	23.28	23.22	23.05	22.96			
15	QPSK	75	0	23.06	23.17	23.24	23.09	22.96			
15	16QAM	1	0	22.96	23.12	23.27	23.08	22.91			
15	16QAM	1	37	23.17	23.25	23.30	23.06	23.03	23.8	1	
15	16QAM	1	74	23.16	23.40	23.18	23.12	23.09			
15	16QAM	36	0	22.06	22.09	22.25	22.11	21.92			
15	16QAM	36	20	22.08	22.24	22.17	22.08	22.04			
15	16QAM	36	39	22.22	22.30	22.17	22.08	22.04	22.8	2	
15	16QAM	75	0	22.14	22.26	22.23	22.12	21.98			
15	64QAM	1	0	21.73	21.77	21.91	21.70	21.58			
15	64QAM	1	37	21.90	21.95	22.01	21.82	21.70			
15	64QAM	1	74	21.84	22.02	21.83	21.79	21.80	22.8	2	
15	64QAM	36	0	21.06	21.12	21.28	21.03	20.87			
15	64QAM	36	20	21.17	21.12	21.27	21.08	21.05			
15	64QAM	36	39	21.17	21.22	21.26	21.09	21.08			
15	64QAM	75	0	21.13	21.15	21.24	21.06	20.98	21.8	3	
Channel				39700	40160	40620	41080	41540			
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	24.16	24.39	24.33	24.06	24.00	24.8	0	
10	QPSK	1	25	24.12	24.23	24.33	24.05	23.90			
10	QPSK	1	49	24.10	24.36	24.18	24.02	23.98			
10	QPSK	25	0	23.20	23.29	23.31	23.14	23.06			
10	QPSK	25	12	23.06	23.19	23.17	23.08	22.96	23.8	1	
10	QPSK	25	25	23.19	23.23	23.23	23.06	23.04			
10	QPSK	50	0	23.13	23.25	23.23	23.11	22.92			
10	16QAM	1	0	22.93	23.19	23.23	23.03	22.92			
10	16QAM	1	25	23.13	23.20	23.32	23.10	23.03	23.8	1	
10	16QAM	1	49	23.24	23.38	23.14	23.13	23.04			
10	16QAM	25	0	22.08	22.13	22.23	22.03	21.89			
10	16QAM	25	12	22.11	22.14	22.26	22.06	22.01			
10	16QAM	25	25	22.22	22.22	22.23	22.15	21.98	22.8	2	
10	16QAM	50	0	22.05	22.25	22.21	22.10	21.99			
10	64QAM	1	0	21.73	21.85	21.91	21.72	21.65			
10	64QAM	1	25	21.89	21.93	22.03	21.86	21.71			
10	64QAM	1	49	21.86	22.00	21.83	21.84	21.73	22.8	2	
10	64QAM	25	0	21.08	21.07	21.23	21.08	20.95			
10	64QAM	25	12	21.15	21.16	21.19	21.07	20.99			
10	64QAM	25	25	21.14	21.22	21.20	21.05	21.08			
10	64QAM	50	0	21.13	21.16	21.19	21.09	20.99	21.8	3	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5			
5	QPSK	1	0	24.21	24.39	24.35	24.08	24.08	24.8	0	
5	QPSK	1	12	24.07	24.18	24.26	24.01	24.00			
5	QPSK	1	24	24.16	24.33	24.22	24.08	23.98			
5	QPSK	12	0	23.15	23.25	23.29	23.10	23.09			
5	QPSK	12	7	23.04	23.20	23.18	23.15	22.95	23.8	1	
5	QPSK	12	13	23.11	23.21	23.22	23.11	23.00			
5	QPSK	25	0	23.07	23.19	23.18	23.07	23.01			
5	16QAM	1	0	22.93	23.10	23.23	22.98	22.91			
5	16QAM	1	12	23.13	23.17	23.24	23.11	22.97	23.8	1	
5	16QAM	1	24	23.14	23.30	23.15	23.10	23.11			
5	16QAM	12	0	22.03	22.14	22.28	22.07	21.94			
5	16QAM	12	7	22.06	22.14	22.20	22.13	22.03			
5	16QAM	12	13	22.17	22.23	22.26	22.15	22.01	22.8	2	
5	16QAM	25	0	22.07	22.23	22.17	22.05	21.98			
5	64QAM	1	0	21.71	21.80	21.93	21.77	21.66			
5	64QAM	1	12	21.92	21.91	22.03	21.85	21.70			
5	64QAM	1	24	21.89	22.05	21.86	21.83	21.75	22.8	2	
5	64QAM	12	0	21.08	21.14	21.16	21.08	20.96			
5	64QAM	12	7	21.14	21.13	21.17	21.12	20.95			
5	64QAM	12	13	21.12	21.24	21.25	21.16	21.09			
5	64QAM	25	0	21.11	21.23	21.20	21.05	20.98	21.8	3	

Band 41_Ant 1														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				39750	40185	40620	41055	41490						
Frequency (MHz)				2506	2549.5	2593	2636.5	2680						
20	QPSK	1	0	14.90	14.85	15.00	14.81	14.89	15.8	0				
20	QPSK	1	49	14.77	14.55	14.64	14.46	14.50						
20	QPSK	1	99	14.70	14.46	14.60	14.50	14.58						
20	QPSK	50	0	14.88	14.66	14.90	14.72	14.58						
20	QPSK	50	24	14.78	14.58	14.62	14.48	14.46	15.8	0				
20	QPSK	50	50	14.87	14.65	14.63	14.60	14.51						
20	QPSK	100	0	14.68	14.70	14.63	14.73	14.73						
20	16QAM	1	0	14.63	14.74	14.66	14.67	14.60						
20	16QAM	1	49	14.94	14.62	14.65	14.48	14.63	15.8	0				
20	16QAM	1	99	14.76	14.64	14.68	14.62	14.65	15.8	0				
20	16QAM	50	0	14.88	14.64	14.68	14.70	14.60						
20	16QAM	50	24	14.77	14.75	14.85	14.63	14.66						
20	16QAM	50	50	14.85	14.65	14.77	14.67	14.68						
20	16QAM	100	0	14.86	14.63	14.46	14.50	14.58	15.8	0				
20	64QAM	1	0	14.74	14.69	14.74	14.74	14.71						
20	64QAM	1	49	14.62	14.66	14.68	14.51	14.48						
20	64QAM	1	99	14.88	14.58	14.66	14.55	14.53						
20	64QAM	50	0	14.66	14.81	14.80	14.46	14.49	15.8	0				
20	64QAM	50	24	14.80	14.58	14.50	14.71	14.70						
20	64QAM	50	50	14.82	14.66	14.67	14.67	14.68						
20	64QAM	100	0	14.87	14.79	14.69	14.72	14.65						
Channel				39750	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2603.5	2549.3	2593	2637.8	2682.5						
15	QPSK	1	0	14.99	14.75	14.94	14.81	14.84	15.8	0				
15	QPSK	1	37	14.88	14.52	14.51	14.50	14.55						
15	QPSK	1	74	14.76	14.47	14.61	14.57	14.61						
15	QPSK	36	0	14.90	14.76	14.85	14.70	14.67						
15	QPSK	36	20	14.82	14.62	14.66	14.48	14.45	15.8	0				
15	QPSK	36	39	14.88	14.57	14.60	14.52	14.62	15.8	0				
15	QPSK	75	0	14.73	14.72	14.94	14.62	14.71						
15	QPSK	1	0	14.64	14.66	14.58	14.77	14.58						
15	16QAM	1	37	14.91	14.63	14.59	14.57	14.59						
15	16QAM	1	74	14.72	14.74	14.62	14.61	14.77	15.8	0				
15	16QAM	36	0	14.91	14.61	14.63	14.64	14.57	15.8	0				
15	16QAM	36	20	14.74	14.78	14.92	14.60	14.70						
15	16QAM	36	39	14.80	14.62	14.66	14.48	14.58						
15	16QAM	75	0	14.80	14.61	14.68	14.58	14.71						
15	64QAM	1	0	14.82	14.68	14.70	14.49	14.69	15.8	0				
15	64QAM	1	37	14.57	14.75	14.67	14.53	14.65						
15	64QAM	1	74	14.85	14.64	14.62	14.56	14.60						
15	64QAM	36	0	14.75	14.89	14.80	14.49	14.56						
15	64QAM	36	20	14.68	14.65	14.50	14.70	14.63	15.8	0				
15	64QAM	36	39	14.81	14.58	14.78	14.61	14.52	15.8	0				
15	64QAM	75	0	14.87	14.73	14.70	14.70	14.79						
Channel				39700	40160	40620	41080	41549				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501	2547	2593	2637	2683						
10	QPSK	1	0	14.94	14.65	14.98	14.74	14.74	15.8	0				
10	QPSK	1	25	14.87	14.60	14.51	14.46	14.51						
10	QPSK	1	49	14.75	14.48	14.52	14.55	14.60						
10	QPSK	25	0	14.86	14.71	14.88	14.70	14.56						
10	QPSK	25	12	14.77	14.69	14.66	14.54	14.46	15.8	0				
10	QPSK	25	25	14.90	14.68	14.65	14.55	14.51	15.8	0				
10	QPSK	50	0	14.78	14.75	14.86	14.66	14.74						
10	16QAM	1	0	14.64	14.66	14.58	14.76	14.59						
10	16QAM	1	25	14.94	14.62	14.60	14.46	14.58						
10	16QAM	1	49	14.79	14.68	14.66	14.53	14.77	15.8	0				
10	16QAM	25	0	14.85	14.60	14.75	14.74	14.55	15.8	0				
10	16QAM	25	12	14.73	14.74	14.91	14.57	14.71						
10	16QAM	25	25	14.84	14.70	14.62	14.54	14.59						
10	16QAM	50	0	14.77	14.61	14.46	14.59	14.55						
10	64QAM	1	0	14.68	14.65	14.69	14.75	14.65	15.8	0				
10	64QAM	1	25	14.81	14.63	14.66	14.61	14.67						
10	64QAM	1	49	14.82	14.62	14.65	14.51	14.52						
10	64QAM	25	0	14.66	14.89	14.80	14.46	14.57						
10	64QAM	25	12	14.79	14.59	14.53	14.63	14.64	15.8	0				
10	64QAM	25	25	14.83	14.65	14.72	14.63	14.61						
10	64QAM	50	0	14.90	14.75	14.70	14.71	14.78						
Channel				39675 <th>40148<th>40620</th><th>41087</th><th>41565</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	40148 <th>40620</th> <th>41087</th> <th>41565</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	40620	41087	41565				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2693.5						
5	QPSK	1	0	14.96	14.81	14.59	14.85	14.77	15.8	0				
5	QPSK	1	12	14.80	14.50	14.59	14.46	14.51						
5	QPSK	1	24	14.66	14.48	14.52	14.52	14.55						
5	QPSK	12	0	14.94	14.77	14.88	14.69	14.60						
5	QPSK	12	7	14.73	14.68	14.65	14.49	14.41	15.8	0				
5	QPSK	12	13	14.88	14.66	14.59	14.57	14.64	15.8	0				
5	QPSK	25	0	14.68	14.67	14.85	14.74	14.64						
5	16QAM	1	0	14.63	14.74	14.69	14.72	14.59						
5	16QAM	1	12	14.84	14.68	14.63	14.47	14.62						
5	16QAM	1	24	14.71	14.75	14.92	14.60	14.73	15.8	0				
5	16QAM	12	0	14.84	14.67	14.75	14.64	14.58	15.8	0				
5	16QAM	12	7	14.80	14.85	14.91	14.52	14.71						
5	16QAM	12	13	14.77	14.70	14.69	14.49	14.50						
5	16QAM	25	0	14.87	14.56	14.48	14.41	14.58						
5	64QAM	1	0	14.67	14.70	14.69	14.66	14.62	15.8	0				
5	64QAM	1	12	14.55	14.74	14.69	14.58	14.54						
5	64QAM	1	24	14.88	14.65	14.57	14.59	14.60						
5	64QAM	12	0	14.68	14.91	14.87	14.47	14.65						
5	64QAM	12	7	14.81	14.61	14.55	14.64	14.66	15.8	0				
5	64QAM	12	13	14.77	14.58	14.76	14.58	14.52	15.8	0				
5	64QAM	25	0	14.86	14.76	14.68	14.62	14.77						

Band 41_Ant 4											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490	23.6	0	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	22.74	22.61	22.86	22.71	22.62	23.6	0	
20	QPSK	1	49	22.71	22.48	22.76	22.56	22.57			
20	QPSK	1	99	22.58	22.56	22.72	22.46	22.60	23.1	0.5	
20	QPSK	50	0	22.26	22.15	22.28	22.16	22.15			
20	QPSK	50	24	22.25	22.08	22.23	22.13	22.15	23.1	0.5	
20	QPSK	50	50	22.23	22.17	22.24	22.11	22.20			
20	QPSK	100	0	22.24	22.10	22.25	22.12	22.16	23.1	0.5	
20	16QAM	1	0	22.30	22.05	22.28	22.16	22.13			
20	16QAM	1	49	22.27	22.13	22.30	22.15	22.15	22.1	1.5	
20	16QAM	1	99	22.21	22.27	22.30	22.15	22.26			
20	16QAM	50	0	21.25	21.07	21.24	21.18	21.15	22.1	1.5	
20	16QAM	50	24	21.23	21.09	21.23	21.14	21.17			
20	16QAM	50	50	21.22	21.18	21.26	21.12	21.24	22.1	1.5	
20	16QAM	100	0	21.23	21.11	21.23	21.15	21.16			
20	64QAM	1	0	21.01	20.74	20.99	20.95	20.85	22.1	1.5	
20	64QAM	1	49	21.02	20.89	20.98	20.89	20.88			
20	64QAM	1	99	20.95	20.96	21.01	20.87	20.98	21.1	2.5	
20	64QAM	50	0	20.20	20.05	20.21	20.17	20.12			
20	64QAM	50	24	20.25	20.10	20.26	20.13	20.17	21.1	2.5	
20	64QAM	50	50	20.22	20.17	20.27	20.12	20.23			
20	64QAM	100	0	20.26	20.11	20.24	20.16	20.15	Tune-up limit (dBm)	MPR (dB)	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	23.6	0	
15	QPSK	1	0	22.81	22.68	22.73	22.59	22.57			
15	QPSK	1	37	22.80	22.53	22.76	22.65	22.45	23.1	0.5	
15	QPSK	1	74	22.72	22.59	22.76	22.52	22.64			
15	QPSK	36	0	22.16	22.09	22.15	22.05	22.09	23.1	0.5	
15	QPSK	36	20	22.12	21.97	22.09	22.00	22.06			
15	QPSK	36	39	22.17	22.01	22.14	22.04	22.15	23.1	0.5	
15	QPSK	75	0	22.11	21.94	22.20	22.00	22.11			
15	16QAM	1	0	22.16	21.92	22.16	22.01	21.98	23.1	0.5	
15	16QAM	1	37	22.18	21.98	22.23	22.06	22.05			
15	16QAM	1	74	22.11	22.19	22.15	22.07	22.17	22.1	1.5	
15	16QAM	36	0	21.20	20.93	21.09	21.02	20.99			
15	16QAM	36	20	21.16	21.00	21.18	20.99	21.03	22.1	1.5	
15	16QAM	36	39	21.12	21.03	21.20	20.99	21.15			
15	16QAM	75	0	21.15	20.98	21.13	21.04	21.00	22.1	1.5	
15	64QAM	1	0	20.93	20.61	20.86	20.87	20.79			
15	64QAM	1	37	20.95	20.79	20.85	20.77	20.78	21.1	2.5	
15	64QAM	1	74	20.84	20.81	20.88	20.79	20.85			
15	64QAM	36	0	20.10	19.90	20.15	20.06	20.03	21.1	2.5	
15	64QAM	36	20	20.15	20.00	20.17	20.02	20.05			
15	64QAM	36	39	20.12	20.11	20.15	19.99	20.13	Tune-up limit (dBm)	MPR (dB)	
15	64QAM	75	0	20.11	20.06	20.15	20.04	20.01			
Channel				39700	40160	40620	41080	41540	23.6	0	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	22.70	22.60	22.77	22.61	22.69	23.6	0	
10	QPSK	1	25	22.69	22.53	22.68	22.59	22.56			
10	QPSK	1	49	22.68	22.59	22.70	22.55	22.61	23.1	0.5	
10	QPSK	25	0	22.14	22.05	22.16	22.04	22.09			
10	QPSK	25	12	22.18	21.92	22.18	21.98	22.06	23.1	0.5	
10	QPSK	25	25	22.17	22.08	22.09	21.97	22.15			
10	QPSK	50	0	22.12	21.98	22.18	22.03	22.02	23.1	0.5	
10	16QAM	1	0	22.22	21.97	22.17	22.10	22.00			
10	16QAM	1	25	22.13	22.05	22.25	22.04	22.09	22.1	1.5	
10	16QAM	1	49	22.07	22.22	22.24	22.02	22.13			
10	16QAM	25	0	21.09	21.00	21.08	21.10	21.06	22.1	1.5	
10	16QAM	25	12	21.16	20.99	21.11	21.07	21.07			
10	16QAM	25	25	21.13	21.07	21.19	21.03	21.14	22.1	1.5	
10	16QAM	50	0	21.13	21.05	21.16	21.09	21.06			
10	64QAM	1	0	20.88	20.65	20.92	20.79	20.72	22.1	1.5	
10	64QAM	1	25	20.91	20.75	20.90	20.76	20.72			
10	64QAM	1	49	20.89	20.85	20.92	20.82	20.84	21.1	2.5	
10	64QAM	25	0	20.16	19.97	20.06	20.12	19.99			
10	64QAM	25	12	20.14	20.04	20.11	20.04	20.01	Tune-up limit (dBm)	MPR (dB)	
10	64QAM	25	25	20.15	20.08	20.11	20.04	20.14			
10	64QAM	50	0	20.12	19.96	20.16	20.01	20.01	23.6	0	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	23.6	0	
5	QPSK	1	0	22.83	22.70	22.76	22.62	22.59			
5	QPSK	1	12	22.77	22.58	22.69	22.64	22.46	23.1	0.5	
5	QPSK	1	24	22.72	22.64	22.70	22.52	22.61			
5	QPSK	12	0	22.30	22.07	22.14	22.14	22.21	23.1	0.5	
5	QPSK	12	7	22.29	22.06	22.14	22.11	22.24			
5	QPSK	12	13	22.26	22.06	22.13	22.09	22.22	23.1	0.5	
5	QPSK	25	0	22.26	22.06	22.15	22.11	22.24			
5	16QAM	1	0	22.29	22.07	22.16	22.11	22.21	23.1	0.5	
5	16QAM	1	12	22.32	22.12	22.18	22.13	22.25			
5	16QAM	1	24	22.29	22.16	22.17	22.13	22.26	22.1	1.5	
5	16QAM	12	0	21.27	21.03	21.12	21.11	21.21			
5	16QAM	12	7	21.24	21.03	21.10	21.07	21.22	22.1	1.5	
5	16QAM	12	13	21.24	21.02	21.11	21.06	21.21			
5	16QAM	25	0	21.29	21.09	21.17	21.13	21.29	22.1	1.5	
5	64QAM	1	0	21.04	20.82	20.96	20.85	21.00			
5	64QAM	1	12	21.04	20.83	20.95	20.85	21.00	21.1	2.5	
5	64QAM	1	24	21.02	20.86	20.97	20.82	20.99			
5	64QAM	12	0	20.28	20.11	20.17	20.13	20.22	21.1	2.5	
5	64QAM	12	7	20.31	20.09	20.15	20.10	20.24			
5	64QAM	12	13	20.31	20.09	20.14	20.10	20.25	Tune-up limit (dBm)	MPR (dB)	
5	64QAM	25	0	20.33	20.11	20.18	20.17	20.29			

Full Power		2CC														
Configure		CA Configuration (BCS)	PCC							SCC				Power		
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
Inter-Band		CA_2A-4A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	23.00	23.05	
		CA_2A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	22.98	23.05	
		CA_2A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	22.92	23.05	
		CA_2A-12A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	22.96	23.05	
		CA_2A-26A	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	22.95	23.05	
		CA_2A-38A	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2595	38000	22.90	23.05	
		CA_2A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	22.89	23.05	
		CA_4A-5A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.89	24.17	
		CA_4A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	23.79	24.17	
		CA_4A-12A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	23.92	24.17	
		CA_4A-17A	Band 4	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	23.90	24.17	
		CA_5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	23.77	23.88	
		CA_5A-41A	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	23.69	23.88	
		CA_5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	23.66	23.88	
Intra-Band		CA_7A-26A	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	24.25	24.55	
		CA_7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	24.33	24.55	
		CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	24.01	24.06	
		Non-Contiguous	CA_2A-2A	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	23.00	23.05
			CA_7A-7A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	24.16	24.55
			CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	24.03	24.22
			CA_41A-41A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	24.23	24.45
		Contiguous	CA_2C	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.80	1098	22.86	23.05
			CA_7C	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.80	3298	24.33	24.55
			CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.80	38048	24.26	24.40
			CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.80	67084	24.05	24.22
			CA_41C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.80	40818	24.36	24.45

UL CA Power

CA_7C_Ant 0											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	23.52	24.80
21100	20902	QPSK	1	0	0	0	1	0	Full	23.78	24.80
21350	21152	QPSK	1	0	0	0	1	0	Full	23.83	24.80
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	21.04	22.30
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	21.25	22.30
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	21.30	22.30
20850	21048	QPSK	1	0	0	0	1	0	ECI 2	23.52	24.80
21100	20902	QPSK	1	0	0	0	1	0	ECI 2	23.78	24.80
21350	21152	QPSK	1	0	0	0	1	0	ECI 2	23.83	24.80
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	18.58	19.80
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	18.75	19.80
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	18.82	19.80
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	23.52	24.80
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	23.78	24.80
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	23.83	24.80

CA_7C_Ant 1												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset						
20850	21048	QPSK	1	0	0	0	1	0	Full	23.78	24.80	
21100	20902	QPSK	1	0	0	0	1	0	Full	23.80	24.80	
21350	21152	QPSK	1	0	0	0	1	0	Full	24.11	24.80	
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	16.80	17.80	
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	16.83	17.80	
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	17.13	17.80	
20850	21048	QPSK	1	0	0	0	1	0	ECI 2	13.37	14.30	
21100	20902	QPSK	1	0	0	0	1	0	ECI 2	13.39	14.30	
21350	21152	QPSK	1	0	0	0	1	0	ECI 2	13.60	14.30	
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	14.26	15.30	
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	14.31	15.30	
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	14.40	15.30	
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	12.37	13.30	
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	12.36	13.30	
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	12.62	13.30	

CA_7C_Ant 4												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset						
20850	21048	QPSK	1	0	0	0	1	0	Full	23.26	24.10	
21100	20902	QPSK	1	0	0	0	1	0	Full	23.24	24.10	
21350	21152	QPSK	1	0	0	0	1	0	Full	23.20	24.10	
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	20.45	21.60	
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	20.41	21.60	
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	20.37	21.60	
20850	21048	QPSK	1	0	0	0	1	0	ECI 2	22.15	23.10	
21100	20902	QPSK	1	0	0	0	1	0	ECI 2	22.13	23.10	
21350	21152	QPSK	1	0	0	0	1	0	ECI 2	22.11	23.10	
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	18.25	19.10	
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	18.23	19.10	
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	18.20	19.10	
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	21.08	22.10	
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	21.05	22.10	
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	21.03	22.10	



Full&Default Power Mode

n5_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					836.5		25.2	0.0
Frequency (MHz)					23.83			
25	QPSK	1	1		23.81			
25	QPSK	1	65		23.75			
25	QPSK	1	131		22.83		25.2	1.0
25	QPSK	64	32		23.81		24.2	0.0
25	QPSK	64	66		22.86		24.2	1.0
25	QPSK	128	0		22.85		24.2	1.0
25	16QAM	1	1		22.46		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.67		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.76	23.72	23.74	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.69	23.67	23.71	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.67	23.71	23.66	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.75	23.68	23.65	25.2	0.0

n5_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					836.5		25.2	0.0
Frequency (MHz)					23.88			
25	QPSK	1	1		23.83			
25	QPSK	1	65		23.81			
25	QPSK	1	131		23.81		24.2	1.0
25	QPSK	64	32		23.85		25.2	0.0
25	QPSK	64	66		22.90		24.2	1.0
25	QPSK	128	0		22.94		24.2	1.0
25	16QAM	1	1		22.51		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.72		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.71	23.72	23.72	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.77	23.72	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.71	23.77	23.71	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.74	23.77	23.70	25.2	0.0

n7_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					505000	507000		
Frequency (MHz)					2525	2535	2545	
50	QPSK	1	1	24.02	24.05	24.00	25.2	0.0
50	QPSK	1	135	23.97	24.00	23.96		
50	QPSK	1	268	23.92	23.99	23.93		
50	QPSK	135	0	22.94	22.99	22.95		
50	QPSK	135	68	24.00	24.03	23.98	25.2	0.0
50	QPSK	135	135	22.98	23.00	22.97	24.2	1.0
50	QPSK	270	0	23.00	23.02	22.98	24.2	1.0
50	16QAM	1	1	22.91	22.96	22.94	24.2	1.0
50	64QAM	1	1	21.04	21.12	21.05	22.7	2.5
50	256QAM	1	1	19.87	19.72	19.87	20.7	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.97	23.99	23.92	25.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.95	24.01	23.92	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.92	23.95	23.95	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.94	24.00	23.94	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.95	23.98	23.94	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.97	23.96	23.91	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.92	24.01	23.94	25.2	0.0



n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000	25.2	0.0	
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	24.20	24.25	24.23	25.2	0.0	
50	QPSK	1	135	24.17	24.20	24.13			
50	QPSK	1	288	24.13	24.19	24.11	24.2	1.0	
50	QPSK	135	0	23.21	23.24	23.16			
50	QPSK	135	68	24.17	24.22	24.20	24.2	1.0	
50	QPSK	135	135	23.20	23.23	23.21			
50	QPSK	270	0	23.22	23.27	23.25	24.2	1.0	
50	16QAM	1	1	22.95	22.92	22.88			
50	64QAM	1	1	21.40	21.47	21.43	20.7	4.5	
50	256QAM	1	1	20.00	20.06	20.01			
Channel				504000	507000	510000	25.2	0.0	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	24.13	24.17	24.15	25.2	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555	25.2	0.0	
30	QPSK	1	1	24.15	24.17	24.14		0.0	
Channel				502500	507000	511500	25.2	0.0	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	24.11	24.16	24.13	25.2	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560	25.2	0.0	
20	QPSK	1	1	24.13	24.18	24.16		0.0	
Channel				501500	507000	512500	25.2	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	24.14	24.14	24.12	25.2	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565	25.2	0.0	
10	QPSK	1	1	24.09	24.18	24.14		0.0	
Channel				500500	507000	513500	25.2	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	24.15	24.14	24.12	25.2	0.0	
Channel				500000	507000	514000			

n7_Ant 4									
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				505000	507000	509000	24.5	0.0	
Frequency (MHz)				2525	2535	2545			
50	QPSK	1	1	23.20	23.25	23.23	24.5	0.0	
50	QPSK	1	135	23.16	23.23	23.15			
50	QPSK	1	288	23.14	23.22	23.18	23.5	1.0	
50	QPSK	135	0	22.29	22.31	22.28			
50	QPSK	135	68	23.18	23.23	23.20	23.5	1.0	
50	QPSK	135	135	22.18	22.22	22.20			
50	QPSK	270	0	22.25	22.29	22.27	22.0	2.5	
50	16QAM	1	1	21.85	21.89	21.84			
50	64QAM	1	1	20.42	20.45	20.39	20.0	4.5	
50	256QAM	1	1	19.00	19.04	19.00			
Channel				504000	507000	510000	24.5	0.0	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	23.11	23.17	23.12	24.5	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515	2535	2555	24.5	0.0	
30	QPSK	1	1	23.13	23.20	23.15		0.0	
Channel				502500	507000	511500	24.5	0.0	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	23.12	23.15	23.17	24.5	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560	24.5	0.0	
20	QPSK	1	1	23.14	23.17	23.13		0.0	
Channel				501500	507000	512500	24.5	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	23.14	23.15	23.15	24.5	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505	2535	2565	24.5	0.0	
10	QPSK	1	1	23.13	23.20	23.12		0.0	
Channel				500500	507000	513500	24.5	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	23.15	23.15	23.15	24.5	0.0	
Channel				500000	507000	514000			

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800	25.2	0.0	
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	23.80	23.82	23.79	25.2	0.0	
20	QPSK	1	53	23.77	23.79	23.74			
20	QPSK	1	104	23.72	23.77	23.69	24.2	1.0	
20	QPSK	50	0	22.74	22.80	22.75			
20	QPSK	50	28	23.77	23.80	23.76	24.2	1.0	
20	QPSK	50	56	22.80	22.82	22.78			
20	QPSK	100	0	22.77	22.79	22.75	22.7	2.5	
20	16QAM	1	1	22.56	22.52	22.45			
20	64QAM	1	1	21.11	21.15	21.12	20.7	4.5	
20	256QAM	1	1	19.73	19.75	19.71			
Channel				164300	166300	168300	25.2	0.0	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.72	23.78	23.70	25.2	0.0	
Channel				163800	166300	168800			
Frequency (MHz)				819	831.5	844	25.2	0.0	
10	QPSK	1	1	23.73	23.74	23.69			
Channel				163300	166300	169300	25.2	0.0	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	23.75	23.74	23.74	25.2	0.0	
Channel				162800	166300	169800			

n26(FCC)_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				824	831.5	839	25.2	0.0	
Frequency (MHz)				23.83	23.85	23.81			
20	QPSK	1	1	23.81	23.83	23.76			
20	QPSK	1	53	23.72	23.80	23.74			
20	QPSK	1	104	22.75	22.83	22.75	24.2	1.0	
20	QPSK	50	28	23.81	23.83	23.79	25.2	0.0	
20	QPSK	50	56	22.85	22.87	22.83	24.2	1.0	
20	QPSK	100	0	22.83	22.85	22.81	24.2	1.0	
20	16QAM	1	1	22.49	22.85	22.51	24.2	1.0	
20	64QAM	1	1	21.15	21.18	21.10	22.7	2.5	
20	256QAM	1	1	19.72	19.80	19.77	20.7	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	25.2	0.0	
15	QPSK	1	1	23.79	23.80	23.75	25.2	0.0	
Channel				163300	165300	167300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	25.2	0.0	
10	QPSK	1	1	23.77	23.79	23.72	25.2	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				818.5	831.5	846.5	25.2	0.0	
5	QPSK	1	1	23.75	23.75	23.76	25.2	0.0	

n66_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	25.2	0.0	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	23.85	23.89	23.87			
40	QPSK	1	168	23.78	23.85	23.79			
40	QPSK	1	214	22.62	23.67	23.59	24.2	1.0	
40	QPSK	108	0	22.82	22.85	22.79	24.2	1.0	
40	QPSK	108	54	23.83	23.87	23.85	25.2	0.0	
40	QPSK	108	108	22.82	22.84	22.83	24.2	1.0	
40	QPSK	216	0	22.81	22.85	22.83	24.2	1.0	
40	16QAM	1	1	22.26	22.32	22.28	22.7	2.5	
40	64QAM	1	1	20.84	20.91	20.88	20.7	4.5	
40	256QAM	1	1	19.49	19.51	19.43	20.7	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	25.2	0.0	
30	QPSK	1	1	23.77	23.79	23.77	25.2	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	25.2	0.0	
20	QPSK	1	1	23.76	23.79	23.77	25.2	0.0	
Channel				343000	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	25.2	0.0	
15	QPSK	1	1	23.77	23.82	23.80	25.2	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	25.2	0.0	
10	QPSK	1	1	23.78	23.82	23.82	25.2	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	25.2	0.0	
5	QPSK	1	1	23.77	23.83	23.82	25.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	346000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.95	24.04	24.01		
40	QPSK	1	168	23.93	24.02	23.99	25.2	0.0
40	QPSK	1	214	23.80	23.95	23.93		
40	QPSK	108	0	22.91	22.98	22.92	24.2	1.0
40	QPSK	108	54	23.93	24.02	23.98	25.2	0.0
40	QPSK	108	108	22.95	23.00	22.98	24.2	1.0
40	QPSK	216	0	22.95	23.01	22.98		
40	16QAM	1	1	22.44	22.48	22.45	24.2	1.0
40	64QAM	1	1	20.98	21.02	20.97	22.7	2.5
40	256QAM	1	1	19.59	19.67	19.59	20.7	4.5
Channel				345000	349000	358000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.87	23.98	23.91	25.2	0.0
Channel				346000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.88	23.94	23.96	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.97	23.97	23.96	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.89	23.98	23.92	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.85	24.00	23.91	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	346000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.98	23.98	23.93		
40	QPSK	1	168	23.95	23.95	23.80	24.5	0.0
40	QPSK	1	214	23.35	23.40	23.37		
40	QPSK	108	0	22.51	22.58	22.53	23.5	1.0
40	QPSK	108	54	23.95	23.93	23.80	24.5	0.0
40	QPSK	108	108	22.50	22.55	22.53	23.5	1.0
40	QPSK	216	0	22.53	22.60	22.58		
40	16QAM	1	1	22.06	22.12	22.05	23.5	1.0
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5
40	256QAM	1	1	19.26	19.31	19.25	20.0	4.5
Channel				345000	349000	358000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0
Channel				345500	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.49	23.59	23.52	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.50	23.58	23.58	24.5	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)
Channel				2590.02	2595	2599.98	25.2	0.0
Frequency (MHz)				23.94	24.00	23.98		
40	QPSK	1	1	23.94	24.00	23.98		
40	QPSK	1	53	23.83	23.88	23.82		
40	QPSK	1	104	23.90	23.93	23.91	24.2	1.0
40	QPSK	50	0	22.73	22.81	22.76		
40	QPSK	50	28	23.95	23.98	23.95		
40	QPSK	50	56	22.78	22.80	22.75		
40	QPSK	100	0	22.78	22.81	22.77	24.2	1.0
40	QPSK	100	0	22.78	22.81	22.77		
40	16QAM	1	1	22.84	22.87	22.80		
40	64QAM	1	1	21.18	21.21	21.19		
40	256QAM	1	1	19.74	19.76	19.69	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.92	23.93	23.87		
Channel				518000	519000	522000		
Frequency (MHz)				2580	2595	2610	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.91	23.90	23.91		
Channel				515502	518000	522498		
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.92	23.93	23.91	Tune-up limit (dBm)	MPR (dB)
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.89	23.94	23.92	25.2	0.0

n38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)
Channel				2590.02	2595	2599.98	25.2	0.0
Frequency (MHz)				24.03	24.05	24.00		
40	QPSK	1	1	24.03	24.05	24.00		
40	QPSK	1	53	23.96	24.03	23.98		
40	QPSK	1	104	23.96	24.02	23.95	24.2	1.0
40	QPSK	50	0	22.97	23.00	22.93		
40	QPSK	50	28	24.00	24.03	23.98		
40	QPSK	50	56	22.95	22.98	22.93		
40	QPSK	100	0	22.98	23.01	22.97	24.2	1.0
40	QPSK	100	0	22.98	23.01	22.97		
40	16QAM	1	1	22.79	22.85	22.82		
40	64QAM	1	1	21.31	21.37	21.29		
40	256QAM	1	1	19.87	19.91	19.83	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.92	23.98	23.95		
Channel				518000	519000	522000		
Frequency (MHz)				2580	2595	2610	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.93	23.95	23.96		
Channel				515502	518000	522498		
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.97	23.99	23.90	Tune-up limit (dBm)	MPR (dB)
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.98	24.00	23.91	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)
Channel				2590.02	2595	2599.98	24.5	0.0
Frequency (MHz)				23.18	23.20	23.17		
40	QPSK	1	1	23.18	23.20	23.17		
40	QPSK	1	53	23.10	23.18	23.14		
40	QPSK	1	104	23.09	23.13	23.09	23.5	1.0
40	QPSK	50	0	22.83	22.10	22.02		
40	QPSK	50	28	23.16	23.18	23.15		
40	QPSK	50	56	22.96	22.98	22.05		
40	QPSK	100	0	22.11	22.13	22.10	23.5	1.0
40	QPSK	100	0	22.11	22.13	22.10		
40	16QAM	1	1	21.90	21.98	21.96		
40	64QAM	1	1	20.42	20.50	20.42		
40	256QAM	1	1	19.02	19.04	19.00	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.11	23.10	23.07		
Channel				518000	519000	522000		
Frequency (MHz)				2580	2595	2610	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.10	23.16	23.08		
Channel				515502	518000	522498		
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.12	23.11	23.12	Tune-up limit (dBm)	MPR (dB)
Channel				515004	519000	522996		
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.08	23.14	23.09	24.5	0.0



FCC_n41_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel									
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	24.00	24.02	23.97			
100	QPSK	1	137	23.89	23.95	23.93	25.2	0.0	
100	QPSK	1	271	23.77	23.82	23.79			
100	QPSK	135	0	22.81	22.89	22.86	24.2	1.0	
100	QPSK	135	69	23.97	23.99	23.95	25.2	0.0	
100	QPSK	135	138	22.86	22.88	22.83	24.2	1.0	
100	QPSK	270	0	22.90	22.93	22.88			
100	16QAM	1	1	22.50	22.57	22.51	24.2	1.0	
100	64QAM	1	1	21.04	21.12	21.05	22.7	2.5	
100	256QAM	1	1	19.77	19.84	19.82	20.7	4.5	
Channel									
Frequency (MHz)				508200	518598	528996	Tune-up limit (dbm)	MPR (db)	
90	QPSK	1	1	23.94	23.92	23.93	25.2	0.0	
Channel									
Frequency (MHz)				507204	518598	529998	Tune-up limit (dbm)	MPR (db)	
80	QPSK	1	1	23.91	23.97	23.91	25.2	0.0	
Channel									
Frequency (MHz)				506202	518598	531000	Tune-up limit (dbm)	MPR (db)	
70	QPSK	1	1	23.93	23.93	23.90	25.2	0.0	
Channel									
Frequency (MHz)				505200	518598	531996	Tune-up limit (dbm)	MPR (db)	
60	QPSK	1	1	23.93	23.96	23.92	25.2	0.0	
Channel									
Frequency (MHz)				504204	518598	532998	Tune-up limit (dbm)	MPR (db)	
50	QPSK	1	1	23.90	23.92	23.89	25.2	0.0	
Channel									
Frequency (MHz)				503202	518598	534000	Tune-up limit (dbm)	MPR (db)	
40	QPSK	1	1	23.94	23.96	23.92	25.2	0.0	
Channel									
Frequency (MHz)				502200	518598	534996	Tune-up limit (dbm)	MPR (db)	
30	QPSK	1	1	23.89	23.97	23.93	25.2	0.0	
Channel									
Frequency (MHz)				501204	518598	535998	Tune-up limit (dbm)	MPR (db)	
20	QPSK	1	1	23.89	23.96	23.91	25.2	0.0	

FCC_n41_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	24.05	24.08	24.02			
100	QPSK	1	137	23.90	23.98	23.96	25.2	0.0	
100	QPSK	1	271	23.92	23.97	23.91			
100	QPSK	135	0	22.94	23.01	22.99	24.2	1.0	
100	QPSK	135	69	24.03	24.05	24.01	25.2	0.0	
100	QPSK	135	135	22.98	23.01	22.95	24.2	1.0	
100	QPSK	270	0	23.02	23.05	23.00			
100	16QAM	1	1	22.64	22.68	22.64	24.2	1.0	
100	64QAM	1	1	21.12	21.20	21.13	22.7	2.5	
100	256QAM	1	1	19.88	19.95	19.92	20.7	4.5	
Channel									
Frequency (MHz)				508200	518598	529996	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	23.96	23.97	23.96	25.2	0.0	
Channel									
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	23.98	24.00	23.95	25.2	0.0	
Channel									
Frequency (MHz)				2531.01	2592.99	2655	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	24.01	24.01	23.96	25.2	0.0	
Channel									
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	24.00	24.03	23.94	25.2	0.0	
Channel									
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	24.01	24.01	23.93	25.2	0.0	
Channel									
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	23.95	24.01	23.95	25.2	0.0	
Channel									
Frequency (MHz)				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	23.99	24.03	23.97	25.2	0.0	
Channel									
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	23.97	23.99	23.93	25.2	0.0	

FCC_n41_Ant 4									
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)				2546.01	2592.99	2640			
100	QPSK	1	1	23.20	23.23	23.15			
100	QPSK	1	137	23.07	23.11	23.06	24.5	0.0	
100	QPSK	1	271	22.87	22.95	22.88			
100	QPSK	135	0	22.05	22.10	22.04	23.5	1.0	
100	QPSK	135	69	23.18	23.21	23.13	24.5	0.0	
100	QPSK	135	135	22.10	22.12	22.08	23.5	1.0	
100	QPSK	270	0	22.08	22.10	22.05			
100	16QAM	1	1	21.75	21.78	21.70	23.5	1.0	
100	64QAM	1	1	20.27	20.31	20.27	22.0	2.5	
100	256QAM	1	1	18.98	19.03	19.00	20.0	4.5	
Channel									
Frequency (MHz)				508200	518598	529996	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	23.13	23.18	23.09	24.5	0.0	
Channel									
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	23.10	23.18	23.10	24.5	0.0	
Channel									
Frequency (MHz)				2531.01	2592.99	2655	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	23.13	23.17	23.06	24.5	0.0	
Channel									
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	23.14	23.15	23.10	24.5	0.0	
Channel									
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	23.14	23.15	23.06	24.5	0.0	
Channel									
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	23.10	23.16	23.09	24.5	0.0	
Channel									
Frequency (MHz)				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	23.15	23.15	23.10	24.5	0.0	
Channel									
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	23.15	23.16	23.05	24.5	0.0	



Reduced Power Mode for ECI 1

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					836.5		25.2	0.0
Frequency (MHz)					23.63			
25	QPSK	1	1		23.81			
25	QPSK	1	65		23.75			
25	QPSK	1	131		22.83		24.2	1.0
25	QPSK	64	32		23.81		25.2	0.0
25	QPSK	64	66		22.86		24.2	1.0
25	QPSK	128	0		22.85		24.2	1.0
25	16QAM	1	1		22.46		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.67		20.7	4.5
Channel				166800	167800	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839	25.2	0.0
20	QPSK	1	1	23.76	23.72	23.74	25.2	0.0
Channel				165300	167200	165300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	25.2	0.0
15	QPSK	1	1	23.69	23.67	23.71	25.2	0.0
Channel				165800	167300	165800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	25.2	0.0
10	QPSK	1	1	23.67	23.71	23.66	25.2	0.0
Channel				165300	167300	165300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	25.2	0.0
5	QPSK	1	1	23.75	23.68	23.65	25.2	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					836.5		25.2	0.0
Frequency (MHz)					23.68			
25	QPSK	1	1		23.83			
25	QPSK	1	131		23.81		24.2	1.0
25	QPSK	64	32		23.85		25.2	0.0
25	QPSK	64	66		22.90		24.2	1.0
25	QPSK	128	0		22.94		24.2	1.0
25	16QAM	1	1		22.51		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.72		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839	25.2	0.0
20	QPSK	1	1	23.71	23.72	23.72	25.2	0.0
Channel				165300	167200	165300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	25.2	0.0
15	QPSK	1	1	23.74	23.77	23.72	25.2	0.0
Channel				165800	167300	165800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	25.2	0.0
10	QPSK	1	1	23.71	23.77	23.71	25.2	0.0
Channel				165300	167300	165300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	25.2	0.0
5	QPSK	1	1	23.74	23.77	23.70	25.2	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	506000	22.7	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	20.91	21.22	20.92		
50	QPSK	1	135	20.85	20.82	20.81	22.7	0.0
50	QPSK	1	268	20.87	20.91	20.99	22.7	0.0
50	QPSK	135	0	20.90	20.95	20.96	22.7	0.0
50	QPSK	135	68	20.93	20.99	20.90	22.7	0.0
50	QPSK	135	135	20.80	20.91	20.88	22.7	0.0
50	QPSK	270	0	20.81	20.89	20.80	22.7	0.0
50	16QAM	1	1	20.96	21.01	20.81	22.7	0.0
50	64QAM	1	1	21.04	21.12	21.05	22.7	0.0
50	256QAM	1	1	19.67	19.72	19.67	20.7	2.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550	22.7	0.0
40	QPSK	1	1	20.81	20.86	20.83	22.7	0.0
Channel				512000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555	22.7	0.0
30	QPSK	1	1	20.89	20.89	20.85	22.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5	22.7	0.0
25	QPSK	1	1	20.83	20.91	20.92	22.7	0.0
Channel				512000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560	22.7	0.0
20	QPSK	1	1	20.79	20.94	20.93	22.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	22.7	0.0
15	QPSK	1	1	20.79	20.89	20.87	22.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	22.7	0.0
10	QPSK	1	1	20.81	20.91	20.91	22.7	0.0
Channel				505000	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	22.7	0.0
5	QPSK	1	1	20.83	20.92	20.94	22.7	0.0



n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545	17.7	0.0	
Frequency (MHz)				16.85	16.93	16.87			
50	QPSK	1	1	16.85	16.80	16.81	17.7	0.0	
50	QPSK	1	135	16.80	16.81	16.81			
50	QPSK	1	268	16.70	16.80	16.81	17.7	0.0	
50	QPSK	135	0	16.77	16.82	16.80			
50	QPSK	135	68	16.81	16.91	16.85	17.7	0.0	
50	QPSK	135	135	16.80	16.85	16.78			
50	QPSK	270	0	16.77	16.83	16.75	17.7	0.0	
50	16QAM	1	1	16.83	16.87	16.73			
50	64QAM	1	1	16.73	16.77	16.77	17.7	0.0	
50	256QAM	1	1	16.71	16.85	16.74			
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550	17.7	0.0	
40	QPSK	1	1	16.73	16.80	16.83			
Channel				520000	527000	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	17.7	0.0	
30	QPSK	1	1	16.82	16.82	16.86			
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	17.7	0.0	
25	QPSK	1	1	16.81	16.83	16.80			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	17.7	0.0	
20	QPSK	1	1	16.72	16.86	16.82			
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	17.7	0.0	
15	QPSK	1	1	16.79	16.84	16.80			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	17.7	0.0	
10	QPSK	1	1	16.77	16.81	16.74			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	17.7	0.0	
5	QPSK	1	1	16.76	16.82	16.74			

n7_Ant 4									
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				2525	2535	2545	22.0	0.0	
Frequency (MHz)				20.52	20.59	20.53			
50	QPSK	1	1	20.52	20.42	20.54	22.0	0.0	
50	QPSK	1	135	20.42	20.54	20.52			
50	QPSK	1	268	20.49	20.49	20.45	22.0	0.0	
50	QPSK	135	0	20.40	20.52	20.48			
50	QPSK	135	68	20.49	20.57	20.52	22.0	0.0	
50	QPSK	135	135	20.42	20.56	20.45			
50	QPSK	270	0	20.46	20.52	20.48	22.0	0.0	
50	16QAM	1	1	20.54	20.44	20.45			
50	64QAM	1	1	20.42	20.45	20.39	22.0	0.0	
50	256QAM	1	1	19.00	19.04	19.00			
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550	22.0	0.0	
40	QPSK	1	1	20.40	20.46	20.39			
Channel				520000	527000	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	22.0	0.0	
30	QPSK	1	1	20.44	20.41	20.42			
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	22.0	0.0	
25	QPSK	1	1	20.39	20.34	20.37			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	22.0	0.0	
20	QPSK	1	1	20.35	20.46	20.32			
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	22.0	0.0	
15	QPSK	1	1	20.36	20.43	20.30			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	22.0	0.0	
10	QPSK	1	1	20.34	20.40	20.31			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	22.0	0.0	
5	QPSK	1	1	20.32	20.45	20.36			

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				824	831.5	839	25.2	0.0	
Frequency (MHz)				23.80	23.82	23.79			
20	QPSK	1	1	23.77	23.77	23.74	25.2	0.0	
20	QPSK	1	53	23.77	23.79	23.74			
20	QPSK	1	104	23.72	23.77	23.69	24.2	1.0	
20	QPSK	50	0	22.74	22.80	22.75			
20	QPSK	50	28	23.77	23.80	23.76	24.2	1.0	
20	QPSK	50	56	22.80	22.82	22.78			
20	QPSK	100	0	22.77	22.79	22.75	24.2	1.0	
20	16QAM	1	1	22.80	22.82	22.46			
20	64QAM	1	1	21.11	21.15	21.12	20.7	4.5	
20	256QAM	1	1	19.73	19.75	19.71			
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	25.2	0.0	
15	QPSK	1	1	23.72	23.78	23.70			
Channel				163300	165300	167300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	25.2	0.0	
10	QPSK	1	1	23.73	23.74	23.69			
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	25.2	0.0	
5	QPSK	1	1	23.75	23.74	23.74			



n26(FCC)_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	25.2	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.63	23.85	23.81		
20	QPSK	1	53	23.81	23.83	23.76	24.2	1.0
20	QPSK	1	104	23.72	23.80	23.74		
20	QPSK	50	0	22.75	22.83	22.75		
20	QPSK	50	28	23.81	23.83	23.75	25.2	0.0
20	QPSK	50	56	22.85	22.87	22.83	24.2	1.0
20	QPSK	100	0	22.83	22.85	22.81	24.2	1.0
20	16QAM	1	1	22.49	22.85	22.51	24.2	1.0
20	64QAM	1	1	21.15	21.18	21.10	22.7	2.5
20	256QAM	1	1	19.72	19.80	19.77	20.7	4.5
Channel				164300	166300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.75	23.80	23.75	25.2	0.0
Channel				163500	165000	165000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.77	23.79	23.72	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.75	23.75	23.76	25.2	0.0

n66_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	23.2	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.93	21.98	21.85		
40	QPSK	1	168	21.78	21.84	21.83	23.2	0.0
40	QPSK	1	214	21.71	21.82	21.73		
40	QPSK	108	0	21.72	21.78	21.75		
40	QPSK	108	54	21.81	21.86	21.76	23.2	0.0
40	QPSK	108	108	21.72	21.83	21.73	23.2	0.0
40	QPSK	216	0	21.71	21.77	21.76	23.2	0.0
40	16QAM	1	1	21.71	21.81	21.80	23.2	0.0
40	64QAM	1	1	20.84	20.91	20.88	22.7	0.5
40	256QAM	1	1	19.49	19.51	19.43	20.7	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.72	21.83	21.85	23.2	0.0
Channel				344500	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.80	21.81	21.76	23.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.76	21.80	21.85	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.75	21.86	21.76	23.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.73	21.83	21.77	23.2	0.0

n66_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				346000	349000	352000				
Frequency (MHz)				1730	1745	1760				
40	QPSK	1	1	21.43	21.63	21.52		22.7	0.0	
40	QPSK	1	108	21.42	21.57	21.51				
40	QPSK	1	214	21.44	21.54	21.59				
40	QPSK	108	0	21.44	21.61	21.55	22.7	0.0		
40	QPSK	108	54	21.47	21.65	21.58	22.7	0.0		
40	QPSK	108	108	21.44	21.53	21.54	22.7	0.0		
40	QPSK	216	0	21.50	21.62	21.53	22.7	0.0		
40	16QAM	1	1	21.54	21.58	21.60	22.7	0.0		
40	64QAM	1	1	20.98	21.02	20.97	22.7	0.0		
40	256QAM	1	1	19.59	19.67	19.59	20.7	2.0		
Channel				345000	349000	353000				
Frequency (MHz)				1725	1745	1765				
30	QPSK	1	1	21.43	21.61	21.62	22.7	0.0		
Channel				344000	349000	354000				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	1	21.46	21.62	21.58	22.7	0.0		
Channel				343500	349000	354500				
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	1	21.56	21.59	21.49	22.7	0.0		
Channel				343000	349000	355000				
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	1	21.45	21.60	21.48	22.7	0.0		
Channel				342500	349000	355500				
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	1	21.52	21.65	21.60	22.7	0.0		

n66_Ant 4										
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				346000	349000	352000				
Frequency (MHz)				1730	1745	1760				
40	QPSK	1	1	23.58	23.66	23.63		24.5	0.0	
40	QPSK	1	108	23.55	23.65	23.60				
40	QPSK	1	214	23.35	23.40	23.37				
40	QPSK	108	0	22.51	22.58	22.53	23.5	1.0		
40	QPSK	108	54	23.55	23.63	23.60	24.5	0.0		
40	QPSK	108	108	22.50	22.55	22.53	23.5	1.0		
40	QPSK	216	0	22.53	22.60	22.58	23.5	1.0		
40	16QAM	1	1	22.06	22.12	22.05	23.5	1.0		
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5		
40	256QAM	1	1	19.28	19.31	19.25	20.0	4.5		
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1725	1745	1765				
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	1	23.49	23.58	23.52	24.5	0.0		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	1	23.50	23.56	23.53	24.5	0.0		



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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	21.03	21.16	21.09	22.2	0.0
40	QPSK	1	53	21.03	21.11	21.06		
40	QPSK	1	104	20.99	21.05	21.05		
40	QPSK	50	0	21.04	21.11	20.98	22.2	0.0
40	QPSK	50	28	21.06	21.12	21.05	22.2	0.0
40	QPSK	50	58	20.97	21.07	20.95	22.2	0.0
40	QPSK	100	0	21.05	21.09	20.97		
40	16QAM	1	1	21.01	21.06	21.02		
40	64QAM	1	1	20.98	21.01	20.99	22.2	0.0
40	256QAM	1	1	19.74	19.76	19.69	20.7	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.01	21.01	21.03	22.2	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.96	21.06	20.93	22.2	0.0
Channel				515502	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.05	20.96	20.97	22.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.02	21.00	20.93	22.2	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	17.01	17.06	17.03	18.2	0.0
40	QPSK	1	53	16.99	17.04	16.95		
40	QPSK	1	104	16.90	16.99	16.99		
40	QPSK	50	0	16.95	17.01	16.94	18.2	0.0
40	QPSK	50	28	17.00	17.03	16.95	18.2	0.0
40	QPSK	50	58	16.90	16.90	16.95	18.2	0.0
40	QPSK	100	0	16.96	16.97	16.96		
40	16QAM	1	1	16.97	16.97	16.90		
40	64QAM	1	1	16.88	17.01	16.98	18.2	0.0
40	256QAM	1	1	17.00	17.00	16.85	18.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.94	16.86	16.94	18.2	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.90	16.93	16.82	18.2	0.0
Channel				515502	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.86	16.91	16.92	18.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.84	16.85	16.92	18.2	0.0

16.9 16.9 16.95

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	20.57	20.60	20.53	22.0	0.0
40	QPSK	1	53	20.55	20.52	20.50		
40	QPSK	1	104	20.55	20.50	20.48		
40	QPSK	50	0	20.46	20.43	20.53	22.0	0.0
40	QPSK	50	28	20.51	20.39	20.54	22.0	0.0
40	QPSK	50	58	20.49	20.47	20.40	22.0	0.0
40	QPSK	100	0	20.55	20.58	20.54		
40	16QAM	1	1	20.54	20.47	20.40		
40	64QAM	1	1	20.42	20.50	20.42	22.0	0.0
40	256QAM	1	1	19.02	19.04	19.00	20.0	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.47	20.41	20.41	22.0	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.44	20.41	20.51	22.0	0.0
Channel				515502	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.49	20.44	20.46	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.38	20.42	20.37	22.0	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2544.01	2592.99	2640			
100	QPSK	1	1	21.14	21.20	21.11		22.2	0.0
100	QPSK	1	137	21.13	21.13	21.10			
100	QPSK	1	271	21.00	21.08	21.08			
100	QPSK	135	0	21.06	21.05	21.00	22.2	0.0	
100	QPSK	135	69	21.10	21.15	21.06	22.2	0.0	
100	QPSK	135	135	21.04	21.02	21.01			
100	QPSK	270	0	21.05	21.05	20.96	22.2	0.0	
100	16QAM	1	1	21.09	21.04	20.97	22.2	0.0	
100	64QAM	1	1	21.04	21.12	21.05	22.2	0.0	
100	256QAM	1	1	19.77	19.84	19.82	20.7	1.5	
Channel				509200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2544	2592.99	2644.98			
90	QPSK	1	1	21.02	21.12	20.97	22.2	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	21.09	21.05	21.00	22.2	0.0	
Channel				509202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	21.00	21.13	21.03	22.2	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	21.05	21.04	21.04	22.2	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	21.05	21.04	21.06	22.2	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.12	21.11	21.05	22.2	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.07	21.03	21.07	22.2	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	20.99	21.07	21.03	22.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	17.12	17.15	17.08			
100	QPSK	1	137	16.85	17.02	16.88	18.2	0.0	
100	QPSK	1	271	16.85	16.99	16.95			
100	QPSK	135	0	16.89	16.93	16.82	18.2	0.0	
100	QPSK	135	69	16.99	17.05	16.97	18.2	0.0	
100	QPSK	135	138	16.96	16.96	16.90			
100	QPSK	270	0	17.00	17.02	16.92	18.2	0.0	
100	16QAM	1	1	16.90	16.90	16.96	18.2	0.0	
100	64QAM	1	1	16.93	16.90	16.85	18.2	0.0	
100	256QAM	1	1	16.97	16.99	16.90	18.2	0.0	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2544	2592.99	2644.98			
90	QPSK	1	1	16.93	16.97	16.85	18.2	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	16.87	17.00	16.86	18.2	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	16.96	16.93	16.94	18.2	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	16.93	16.88	16.87	18.2	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	16.98	17.01	16.90	18.2	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	16.93	16.93	16.86	18.2	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	16.99	16.93	16.84	18.2	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	16.97	17.00	16.85	18.2	0.0	

FCC_n41_Ant 4									
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				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	20.61	20.66	20.55			
100	QPSK	1	137	20.54	20.50	20.43	22.0	0.0	
100	QPSK	1	271	20.57	20.52	20.43			
100	QPSK	135	0	20.49	20.49	20.39	22.0	0.0	
100	QPSK	135	69	20.55	20.64	20.51	22.0	0.0	
100	QPSK	135	136	20.46	20.46	20.50			
100	QPSK	270	0	20.56	20.63	20.47	22.0	0.0	
100	16QAM	1	1	20.48	20.50	20.49	22.0	0.0	
100	64QAM	1	1	20.27	20.31	20.27	22.0	0.0	
100	256QAM	1	1	18.98	19.03	19.00	20.0	2.0	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	20.53	20.54	20.50	22.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	20.54	20.50	20.48	22.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	20.55	20.60	20.48	22.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	20.44	20.55	20.41	22.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	20.55	20.54	20.41	22.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	20.56	20.60	20.43	22.0	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.54	20.47	20.38	22.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	20.43	20.49	20.41	22.0	0.0	



Reduced Power Mode for ECI 2

n5_Ant 0

n5_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				836.5			25.2	0.0
Frequency (MHz)				836.5				
25	QPSK	1	1	23.63				
25	QPSK	1	66	23.81				
25	QPSK	1	131	23.75			24.2	1.0
Frequency (MHz)				22.83				
25	QPSK	64	0	22.83				
25	QPSK	64	32	23.81				
25	QPSK	64	66	22.86			24.2	1.0
Frequency (MHz)				22.85				
25	QPSK	128	0	22.85				
25	16QAM	1	1	22.48			24.2	1.0
Frequency (MHz)				21.05				
25	64QAM	1	1	21.05				
25	256QAM	1	1	19.67				
Channel				166800	167300	167800	Tune-up limit	MPR
Frequency (MHz)				834	836.5	839	(dbm)	(db)
20	QPSK	1	1	23.76	23.72	23.74	25.2	0.0
Channel				165300	167200	169300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dbm)	(db)
15	QPSK	1	1	23.69	23.67	23.71	25.2	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dbm)	(db)
10	QPSK	1	1	23.67	23.71	23.68	25.2	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dbm)	(db)
5	QPSK	1	1	23.75	23.68	23.65	25.2	0.0

n5_Ant 1

n5_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				836.5			21.7	0.0
Frequency (MHz)				836.5				
25	QPSK	1	1	20.42				
25	QPSK	1	65	20.31				
25	QPSK	1	131	20.31			21.7	0.0
Frequency (MHz)				20.33				
25	QPSK	64	0	20.33				
25	QPSK	64	32	20.37				
25	QPSK	64	66	20.34			21.7	0.0
Frequency (MHz)				20.36				
25	QPSK	128	0	20.36				
25	16QAM	1	1	20.31			21.7	0.0
Frequency (MHz)				20.35				
25	64QAM	1	1	20.35				
25	256QAM	1	1	19.72				
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	20.11	20.12	20.16	21.7	0.0
Channel				165300	167200	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.15	20.10	20.15	21.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.15	20.16	20.07	21.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.11	20.11	20.10	21.7	0.0

n7_Ant 0

n7_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000	25.2	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	24.02	24.05	24.00		
50	QPSK	1	135	23.97	24.00	23.98		
50	QPSK	1	268	23.92	23.99	23.93	24.2	1.0
Frequency (MHz)				22.94	22.99	22.95		
50	QPSK	135	0	22.94	22.99	22.95		
50	QPSK	135	68	24.00	24.03	23.98		
50	QPSK	135	135	22.98	23.00	22.97	24.2	1.0
Frequency (MHz)				23.00	23.02	22.98		
50	QPSK	270	0	23.00	23.02	22.98		
50	16QAM	1	1	22.51	22.56	22.49		
50	64QAM	1	1	21.04	21.12	21.05	22.7	2.5
Frequency (MHz)				19.67	19.72	19.67		
50	256QAM	1	1	19.67	19.72	19.67		
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.97	23.99	23.92	25.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.95	24.01	23.92	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.92	23.95	23.95	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.94	24.00	23.94	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.95	23.96	23.94	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.97	23.96	23.91	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.92	24.01	23.94	25.2	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000	14.7	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	13.70	13.78	13.71		
50	QPSK	1	135	13.69	13.69	13.69	14.7	0.0
50	QPSK	1	268	13.59	13.72	13.63		
50	QPSK	135	0	13.55	13.72	13.59		
50	QPSK	135	68	13.67	13.73	13.68	14.7	0.0
50	QPSK	135	135	13.56	13.66	13.60	14.7	0.0
50	QPSK	270	0	13.69	13.70	13.65		
50	16QAM	1	1	13.59	13.68	13.61		
50	64QAM	1	1	13.69	13.64	13.63	14.7	0.0
50	256QAM	1	1	13.61	13.72	13.59	14.7	0.0
Channel				504000	507000	510000	14.7	0.0
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	13.49	13.64	13.50		
Channel				503000	507000	511000	14.7	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	13.54	13.62	13.56		
Channel				502500	507000	511500	14.7	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	13.49	13.51	13.52		
Channel				502000	507000	512000	14.7	0.0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	13.56	13.55	13.56		
Channel				501500	507000	512500	14.7	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.55	13.50	13.54		
Channel				501000	507000	513000	14.7	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.55	13.54	13.50		
Channel				500500	507000	513500	14.7	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.47	13.51	13.61		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000	23.0	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	21.69	21.61	21.69		
50	QPSK	1	135	21.67	21.62	21.60	23.0	0.0
50	QPSK	1	268	21.66	21.63	21.58		
50	QPSK	135	0	21.65	21.70	21.58		
50	QPSK	135	68	21.68	21.72	21.66	23.0	0.0
50	QPSK	135	135	21.57	21.66	21.65	23.0	0.0
50	QPSK	270	0	21.63	21.66	21.59		
50	16QAM	1	1	21.62	21.63	21.59		
50	64QAM	1	1	20.42	20.45	20.39	22.0	1.0
50	256QAM	1	1	19.00	19.04	19.00	20.0	3.0
Channel				504000	507000	510000	23.0	0.0
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.65	21.62	21.63		
Channel				503000	507000	511000	23.0	0.0
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.58	21.74	21.71		
Channel				502500	507000	511500	23.0	0.0
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.64	21.63	21.70		
Channel				502000	507000	512000	23.0	0.0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.63	21.74	21.61		
Channel				501500	507000	512500	23.0	0.0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.65	21.69	21.68		
Channel				501000	507000	513000	23.0	0.0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.58	21.66	21.61		
Channel				500500	507000	513500	23.0	0.0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.64	21.70	21.70		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	25.2	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.89	23.82	23.78		
20	QPSK	1	53	23.77	23.79	23.74	25.2	0.0
20	QPSK	1	104	23.72	23.77	23.69		
20	QPSK	50	0	22.74	22.80	22.75		
20	QPSK	50	28	23.77	23.80	23.76	25.2	0.0
20	QPSK	50	56	22.80	22.82	22.78	24.2	1.0
20	QPSK	100	0	22.77	22.79	22.75		
20	16QAM	1	1	22.58	22.52	22.45		
20	64QAM	1	1	21.11	21.15	21.12	22.7	2.5
20	256QAM	1	1	19.73	19.75	19.71	20.7	4.5
Channel				164300	166300	166300	25.2	0.0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.72	23.78	23.70		
Channel				163800	166300	166300	25.2	0.0
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.73	23.74	23.69		
Channel				163300	166300	166300	25.2	0.0
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.75	23.74	23.74		

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				824	831.5	839	21.7	0.0
Frequency (MHz)				20.33	20.36	20.26		
20	QPSK	1	1	20.23	20.23	20.22		
20	QPSK	1	53	20.32	20.20	20.20		
20	QPSK	1	104	20.23	20.25	20.26	21.7	0.0
20	QPSK	50	0	20.27	20.28	20.27	21.7	0.0
20	QPSK	50	28	20.25	20.20	20.20	21.7	0.0
20	QPSK	50	56	20.23	20.27	20.23	21.7	0.0
20	QPSK	100	0	20.29	20.26	20.27	21.7	0.0
20	16QAM	1	1	20.30	20.22	20.20	21.7	0.0
20	64QAM	1	1	19.72	19.80	19.77	20.7	1.0
Channel				164300	166300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5	21.7	0.0
15	QPSK	1	1	163300	165300	165300	Tune-up limit (dBm)	MPR (dB)
Channel				819	831.5	844	21.7	0.0
Frequency (MHz)				20.09	20.18	20.20		
10	QPSK	1	1	163300	166300	169300		
Channel				816.5	831.5	846.5		
Frequency (MHz)				20.21	20.12	20.16	21.7	0.0
5	QPSK	1	1					

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				1730	1745	1760	25.2	0.0
Frequency (MHz)				23.85	23.89	23.87		
40	QPSK	1	1	23.78	23.85	23.79		
40	QPSK	1	108	23.62	23.67	23.59		
40	QPSK	1	214	22.82	22.85	22.79	24.2	1.0
40	QPSK	108	0	23.83	23.87	23.85	25.2	0.0
40	QPSK	108	54	22.82	22.84	22.83	24.2	1.0
40	QPSK	108	108	22.81	22.85	22.83	24.2	1.0
40	QPSK	216	0	22.26	22.32	22.28	24.2	1.0
40	16QAM	1	1	20.84	20.91	20.88	22.7	2.5
40	256QAM	1	1	19.49	19.51	19.43	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	25.2	0.0
30	QPSK	1	1	345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Channel				1720	1745	1770	25.2	0.0
Frequency (MHz)				23.76	23.79	23.77		
20	QPSK	1	1	343500	349000	354500		
Channel				1717.5	1745	1772.5		
15	QPSK	1	1	343500	349000	355000	Tune-up limit (dBm)	MPR (dB)
Channel				1715	1745	1775	25.2	0.0
Frequency (MHz)				23.78	23.82	23.82		
10	QPSK	1	1	342500	349000	355500		
Channel				1712.5	1745	1777.5		
Frequency (MHz)				23.77	23.83	23.82	25.2	0.0
5	QPSK	1	1					

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	17.86	18.00	17.99			
40	QPSK	1	108	17.84	17.89	17.91	19.2	0.0	
40	QPSK	1	214	17.80	17.89	17.89			
40	QPSK	108	0	17.81	17.92	17.89	19.2	0.0	
40	QPSK	108	54	17.85	17.96	17.95	19.2	0.0	
40	QPSK	108	108	17.80	17.92	17.87			
40	QPSK	216	0	17.86	17.94	17.93	19.2	0.0	
40	16QAM	1	1	17.71	17.82	17.76	19.2	0.0	
40	64QAM	1	1	17.78	17.79	17.77	19.2	0.0	
40	256QAM	1	1	17.80	17.80	17.76	19.2	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	17.72	17.79	17.80	19.2	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	17.76	17.83	17.87	19.2	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	17.74	17.86	17.83	19.2	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	17.82	17.91	17.89	19.2	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	17.78	17.89	17.80	19.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	23.58	23.66	23.63			
40	QPSK	1	108	23.55	23.65	23.60	24.5	0.0	
40	QPSK	1	214	23.35	23.40	23.37			
40	QPSK	108	0	22.51	22.56	22.53	23.5	1.0	
40	QPSK	108	54	23.55	23.63	23.60	24.5	0.0	
40	QPSK	108	108	22.50	22.55	22.53			
40	QPSK	216	0	22.53	22.60	22.58	23.5	1.0	
40	16QAM	1	1	22.06	22.12	22.06	23.5	1.0	
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5	
40	256QAM	1	1	19.26	19.31	19.25	20.0	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.49	23.58	23.52	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.50	23.58	23.58	24.5	0.0	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	23.88	24.00	23.98	25.2	0.0
40	QPSK	1	53	23.83	23.88	23.82		
40	QPSK	1	104	23.90	23.93	23.91		
40	QPSK	50	0	22.73	22.81	22.76	24.2	1.0
40	QPSK	50	28	23.95	23.98	23.95	25.2	0.0
40	QPSK	50	56	22.76	22.80	22.75	24.2	1.0
40	QPSK	100	0	22.78	22.81	22.77		
40	16QAM	1	1	22.64	22.67	22.60	24.2	1.0
40	64QAM	1	1	21.18	21.21	21.19	22.7	2.5
40	256QAM	1	1	19.74	19.76	19.69	20.7	4.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	23.92	23.93	23.87	25.2	0.0
Channel				518000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	23.91	23.90	23.91	25.2	0.0
Channel				515502	518000	522400	Tune-up limit	MPR
Frequency (MHz)				2677.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	23.92	23.93	23.91	25.2	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	23.89	23.94	23.92	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	13.68	13.71	13.72	14.7	0.0
40	QPSK	1	53	13.48	13.47	13.48		
40	QPSK	1	104	13.46	13.56	13.58		
40	QPSK	50	0	13.50	13.59	13.68	14.7	0.0
40	QPSK	50	28	13.59	13.73	13.71	14.7	0.0
40	QPSK	50	56	13.56	13.66	13.58		
40	QPSK	100	0	13.58	13.65	13.62	14.7	0.0
40	16QAM	1	1	13.44	13.50	13.44	14.7	0.0
40	64QAM	1	1	13.45	13.56	13.45	14.7	0.0
40	256QAM	1	1	13.52	13.55	13.55	14.7	0.0
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	13.48	13.53	13.48	14.7	0.0
Channel				518000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	13.39	13.44	13.49	14.7	0.0
Channel				515502	518000	522400	Tune-up limit	MPR
Frequency (MHz)				2677.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	13.36	13.46	13.47	14.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	13.44	13.54	13.54	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	21.13	21.22	21.15	22.5	0.0
40	QPSK	1	53	20.88	21.09	20.95		
40	QPSK	1	104	20.97	20.99	21.01		
40	QPSK	50	0	20.97	20.95	20.89	22.5	0.0
40	QPSK	50	28	21.06	21.10	21.05	22.5	0.0
40	QPSK	50	56	21.05	20.97	20.99		
40	QPSK	100	0	21.04	21.05	20.95	22.5	0.0
40	16QAM	1	1	20.93	21.00	20.95	22.5	0.0
40	64QAM	1	1	20.42	20.50	20.42	22.0	0.5
40	256QAM	1	1	19.02	19.04	19.00	20.0	2.5
Channel				517002	519000	520998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	21.02	20.99	20.90	22.5	0.0
Channel				518000	519000	522000	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	20.99	21.04	20.92	22.5	0.0
Channel				515502	518000	522400	Tune-up limit	MPR
Frequency (MHz)				2677.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	20.99	20.96	21.01	22.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	21.03	20.99	20.94	22.5	0.0



FCC_n41_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	24.00	24.02	23.97			
100	QPSK	1	137	23.89	23.95	23.93	25.2	0	0
100	QPSK	1	271	23.77	23.82	23.79			
100	QPSK	135	0	22.81	22.89	22.86	24.2	1.0	0
100	QPSK	135	69	23.97	23.99	23.95	25.2	0	0
100	QPSK	135	135	22.86	22.86	22.83	24.2	1.0	0
100	QPSK	270	0	22.90	22.93	22.88			
100	16QAM	1	1	22.50	22.57	22.51	24.2	1.0	0
100	64QAM	1	1	21.04	21.12	21.05	22.7	2.5	0
100	256QAM	1	1	19.77	19.84	19.82	20.7	4.5	0
Channel									
Frequency (MHz)				506200	518598	528000			
90	QPSK	1	1	2541	2592.99	2644.98	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				23.94	23.93	23.93	25.2	0	0
Channel				2539.22	518598	528000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2536.92	2592.99	2648.99	25.2	0	0
80	QPSK	1	1	23.91	23.97	23.91	25.2	0	0
Channel									
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)		MPR (dB)
70	QPSK	1	1	23.93	23.93	23.90	25.2	0	0
Channel									
Frequency (MHz)				506200	518598	531000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2526	2592.99	2658.98	25.2	0	0
60	QPSK	1	1	23.93	23.96	23.92	25.2	0	0
Channel									
Frequency (MHz)				504204	518598	532098	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2521.62	2592.99	2664.99	25.2	0	0
50	QPSK	1	1	23.90	23.92	23.89	25.2	0	0
Channel									
Frequency (MHz)				506202	518598	534000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670	25.2	0	0
40	QPSK	1	1	23.94	23.96	23.92	25.2	0	0
Channel									
Frequency (MHz)				502200	518598	534996	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98	25.2	0	0
30	QPSK	1	1	23.89	23.97	23.93	25.2	0	0
Channel									
Frequency (MHz)				501205	518598	535998	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				2506.02	2592.99	2678.99	25.2	0	0
20	QPSK	1	1	23.89	23.96	23.91	25.2	0	0

FCC_n41_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				501202	518598	526000			
				2546.01	2592.99	2640			
100	QPSK	1	1	13.81	13.88	13.82			
100	QPSK	1	137	13.82	13.82	13.69	14.7	0.0	
100	QPSK	1	271	13.59	13.64	13.78			
100	QPSK	135	0	13.57	13.73	13.78	14.7	0.0	
100	QPSK	135	69	13.72	13.82	13.75	14.7	0.0	
100	QPSK	135	135	13.67	13.70	13.72	14.7	0.0	
100	QPSK	270	0	13.69	13.76	13.72			
100	16QAM	1	1	13.57	13.69	13.59	14.7	0.0	
100	64QAM	1	1	13.66	13.68	13.66	14.7	0.0	
100	256QAM	1	1	13.60	13.66	13.58	14.7	0.0	
Channel									
Frequency (MHz)				508200	518598	526996	Tune-up limit (dBm)	MPR (dB)	
				2541	2592.99	2644.98			
90	QPSK	1	1	13.40	13.48	13.59	14.7	0.0	
Channel									
Frequency (MHz)				509204	518598	527994	Tune-up limit (dBm)	MPR (dB)	
				2536.02	2592.99	2648.99			
80	QPSK	1	1	13.44	13.51	13.49	14.7	0.0	
Channel									
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
				2531.01	2592.99	2655			
70	QPSK	1	1	13.41	13.50	13.49	14.7	0.0	
Channel									
Frequency (MHz)				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
				2526	2592.99	2658.98			
60	QPSK	1	1	13.44	13.49	13.51	14.7	0.0	
Channel									
Frequency (MHz)				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
				2521.02	2592.99	2664.99			
50	QPSK	1	1	13.39	13.52	13.57	14.7	0.0	
Channel									
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
				2516.01	2592.99	2670			
40	QPSK	1	1	13.51	13.48	13.57	14.7	0.0	
Channel									
Frequency (MHz)				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
				2511	2592.99	2674.98			
30	QPSK	1	1	13.46	13.46	13.57	14.7	0.0	
Channel									
Frequency (MHz)				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
				2506.02	2592.99	2678.99			
20	QPSK	1	1	13.43	13.50	13.53	14.7	0.0	

FCC_n41_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power High Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				500022	518598	526000			
100	QPSK	1	1	21.26	21.31	21.21			
100	QPSK	1	137	21.22	21.14	21.11	22.5	0.0	
100	QPSK	1	271	21.20	21.26	21.19			
100	QPSK	135	0	21.15	21.21	21.17	22.5	0.0	
100	QPSK	135	69	21.24	21.26	21.18	22.5	0.0	
100	QPSK	135	138	21.15	21.19	21.16	22.5	0.0	
100	QPSK	270	0	21.12	21.17	21.06			
100	16QAM	1	1	21.24	21.26	21.18	22.5	0.0	
100	64QAM	1	1	20.27	20.31	20.27	22.0	0.5	
100	256QAM	1	1	18.98	19.03	19.00	20.0	2.5	
Channel									
Frequency (MHz)				500000	518598	526996	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	21.05	20.99	21.01	22.5	0.0	
Channel									
Frequency (MHz)				500224	518598	526996	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	20.97	21.09	20.91	22.5	0.0	
Channel									
Frequency (MHz)				500002	518598	531000 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	20.95	21.05	21.02	22.5	0.0	
Channel									
Frequency (MHz)				500200	518598	531000 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	21.01	21.00	20.90	22.5	0.0	
Channel									
Frequency (MHz)				504204 <th>518598</th> <th>532098<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	518598	532098 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	20.98	21.05	20.98	22.5	0.0	
Channel									
Frequency (MHz)				500202	518598	534000 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	20.99	21.03	20.98	22.5	0.0	
Channel									
Frequency (MHz)				502200 <th>518598</th> <th>534996<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	518598	534996 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.01	20.92	20.74	22.5	0.0	
Channel									
Frequency (MHz)				501205 <th>518598</th> <th>535998<th>Tune-up limit (dBm)</th><th>MPR (dB)</th></th>	518598	535998 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	21.04	21.11	20.93	22.5	0.0	



Reduced Power Mode for ECI 3

n5_Ant 0

n5_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				167300			24.7	0.0
Frequency (MHz)				836.5				
25	QPSK	1	1		23.19			
25	QPSK	1	66		23.15			
25	QPSK	1	131		23.09		24.2	0.0
25	QPSK	64	0		22.70		24.2	0.5
25	QPSK	64	32		23.19		24.2	0.5
25	QPSK	64	66		22.75		24.2	0.5
25	QPSK	128	0		22.70		24.2	0.5
25	16QAM	1	1		22.90		24.2	0.5
25	64QAM	1	1		21.00		22.7	2.0
25	256QAM	1	1		19.66		20.7	4.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.11	23.10	23.00	24.7	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.23	23.12	23.08	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.10	23.12	23.05	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.11	23.14	23.03	24.7	0.0

n5_Ant 1

n5_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				167300			25.2	0.0
Frequency (MHz)				836.5				
25	QPSK	1	1	23.88				
25	QPSK	1	66	23.83				
25	QPSK	1	131	23.81			24.2	1.0
25	QPSK	64	0	22.88				
25	QPSK	64	32	23.85				
25	QPSK	64	66	22.90				
25	QPSK	128	0	22.84			24.2	1.0
25	16QAM	1	1	22.51			24.2	1.0
25	64QAM	1	1	21.05			22.7	2.5
25	256QAM	1	1	19.72			20.7	4.5
Channel				168800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				836.5	836.5	836		
20	QPSK	1	1	23.71	23.72	23.72	25.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.77	23.72	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.71	23.77	23.71	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.74	23.77	23.70	25.2	0.0

n7_Ant 0

n7_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000	20.2	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	18.52	18.93	18.60		
50	QPSK	1	135	18.57	18.85	18.56		
50	QPSK	1	268	18.55	18.79	18.59	20.2	0.0
50	QPSK	135	0	18.52	18.88	18.58		
50	QPSK	135	68	18.59	18.90	18.59		
50	QPSK	135	135	18.53	18.79	18.52		
50	QPSK	270	0	18.50	18.88	18.47	20.2	0.0
50	16QAM	1	1	18.52	18.78	18.50	20.2	0.0
50	64QAM	1	1	18.55	18.85	18.51	20.2	0.0
50	256QAM	1	1	18.59	18.91	18.49	20.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.38	18.69	18.34	20.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.41	18.68	18.40	20.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.43	18.75	18.38	20.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.36	18.69	18.41	20.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.38	18.65	18.41	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.42	18.70	18.36	20.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.31	18.65	18.37	20.2	0.0



n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545	15.2	0.0	
Frequency (MHz)				14.38	14.40	14.38			
50	QPSK	1	1	14.32	14.40	14.30			
50	QPSK	1	135	14.20	14.34	14.33	15.2	0.0	
50	QPSK	1	268	14.20	14.34	14.33			
50	QPSK	135	0	14.32	14.37	14.25			
50	QPSK	135	68	14.35	14.44	14.32	15.2	0.0	
50	QPSK	135	135	14.31	14.30	14.28			
50	QPSK	270	0	14.21	14.40	14.19			
50	16QAM	1	1	14.31	14.44	14.18	15.2	0.0	
50	64QAM	1	1	14.31	14.22	14.32			
50	256QAM	1	1	14.23	14.41	14.26			
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550	15.2	0.0	
40	QPSK	1	1	14.27	14.32	14.26			
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	15.2	0.0	
30	QPSK	1	1	14.30	14.35	14.29			
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	15.2	0.0	
25	QPSK	1	1	14.19	14.36	14.34			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	15.2	0.0	
20	QPSK	1	1	14.30	14.29	14.27			
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	15.2	0.0	
15	QPSK	1	1	14.24	14.30	14.31			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	15.2	0.0	
10	QPSK	1	1	14.28	14.33	14.31			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	15.2	0.0	
5	QPSK	1	1	14.32	14.36	14.26			

n7_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545	19.5	0.0	
Frequency (MHz)				18.10	18.20	18.09			
50	QPSK	1	1	17.98	17.98	18.06			
50	QPSK	1	135	17.98	18.00	17.93	19.5	0.0	
50	QPSK	135	0	17.87	18.03	18.02			
50	QPSK	135	68	18.02	18.13	18.08			
50	QPSK	135	135	17.95	18.11	17.94	19.5	0.0	
50	QPSK	270	0	18.03	18.04	18.01			
50	16QAM	1	1	18.05	17.97	17.98			
50	64QAM	1	1	17.98	18.02	17.95	19.5	0.0	
50	256QAM	1	1	17.96	18.12	17.89			
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550	19.5	0.0	
40	QPSK	1	1	17.88	17.88	17.85			
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	19.5	0.0	
30	QPSK	1	1	17.81	18.01	17.84			
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	19.5	0.0	
25	QPSK	1	1	17.82	17.97	17.85			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	19.5	0.0	
20	QPSK	1	1	17.83	17.92	17.88			
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	19.5	0.0	
15	QPSK	1	1	17.87	17.90	17.85			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	19.5	0.0	
10	QPSK	1	1	17.79	17.98	17.94			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	19.5	0.0	
5	QPSK	1	1	17.85	17.92	17.94			

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 164800	Power Middle Ch. / Freq. 166300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				804	831.5	839	24.7	0.0	
Frequency (MHz)				23.27	23.29	23.22			
20	QPSK	1	1	23.25	23.22	23.10			
20	QPSK	1	53	23.25	23.22	23.10	24.2	0.5	
20	QPSK	1	104	23.18	23.21	23.20			
20	QPSK	50	0	22.74	22.80	22.75			
20	QPSK	50	28	22.80	22.82	23.19	24.2	0.5	
20	QPSK	50	56	22.80	22.82	22.78			
20	QPSK	100	0	22.77	22.79	22.75			
20	16QAM	1	1	22.80	22.52	22.46	22.7	2.0	
20	64QAM	1	1	21.11	21.15	21.12			
20	256QAM	1	1	19.73	19.75	19.71			
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.7	0.0	
15	QPSK	1	1	23.17	23.25	23.12			
Channel				163300	165300	167300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.7	0.0	
10	QPSK	1	1	23.19	23.18	23.23			
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.7	0.0	
5	QPSK	1	1	23.15	23.28	23.25			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164600	166300	167800	25.2	0.0	
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	23.83	23.85	23.81	25.2	0.0	
20	QPSK	1	53	23.81	23.83	23.76			
20	QPSK	1	184	23.72	23.80	23.74			
20	QPSK	50	0	22.75	22.83	22.75	24.2	1.0	
20	QPSK	50	28	23.81	23.83	23.75	25.2	0.0	
20	QPSK	50	56	22.85	22.87	22.83	24.2	1.0	
20	QPSK	100	0	22.83	22.85	22.81			
20	16QAM	1	1	22.49	22.56	22.51	24.2	1.0	
20	64QAM	1	1	21.15	21.18	21.10	22.7	2.5	
20	256QAM	1	1	19.72	19.80	19.77	20.7	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	25.2	0.0	
15	QPSK	1	1	23.79	23.80	23.75	25.2	0.0	
Channel				163300	165300	167300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	25.2	0.0	
10	QPSK	1	1	23.77	23.79	23.72	25.2	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	25.2	0.0	
5	QPSK	1	1	23.75	23.75	23.78	25.2	0.0	

n66_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	348000	352000	21.2	0.0	
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	19.99	19.99	19.92	21.2	0.0	
40	QPSK	1	108	19.77	19.81	19.80			
40	QPSK	1	214	19.66	19.84	19.75			
40	QPSK	108	0	19.70	19.73	19.82	21.2	0.0	
40	QPSK	108	54	19.86	19.88	19.83	21.2	0.0	
40	QPSK	108	108	19.76	19.85	19.79	21.2	0.0	
40	QPSK	216	0	19.71	19.75	19.72			
40	16QAM	1	1	19.66	19.76	19.75	21.2	0.0	
40	64QAM	1	1	19.65	19.84	19.69	21.2	0.0	
40	256QAM	1	1	19.49	19.51	19.43	20.7	0.5	
Channel				345000	348000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	21.2	0.0	
30	QPSK	1	1	19.73	19.80	19.79	21.2	0.0	
Channel				344000	348000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	21.2	0.0	
20	QPSK	1	1	19.76	19.81	19.72	21.2	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	21.2	0.0	
15	QPSK	1	1	19.74	19.79	19.70	21.2	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	21.2	0.0	
10	QPSK	1	1	19.77	19.81	19.78	21.2	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	21.2	0.0	
5	QPSK	1	1	19.76	19.77	19.73	21.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq.	Power Middle Ch. 1 Freq.	Power High Ch. 1 Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	18.86	19.10	19.02			
40	QPSK	1	108	18.82	18.92	18.85	20.2	0.0	
40	QPSK	1	214	18.94	18.99	18.96			
40	QPSK	108	0	18.86	18.08	18.94	20.2	0.0	
40	QPSK	108	54	18.85	19.06	18.91	20.2	0.0	
40	QPSK	216	0	18.86	18.94	18.92	20.2	0.0	
40	16QAM	1	1	18.86	18.92	18.96	20.2	0.0	
40	64QAM	1	1	18.88	18.85	18.99	20.2	0.0	
40	256QAM	1	1	18.81	18.93	18.86	20.2	0.0	
Channel				345000	349000	353000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	1	18.76	19.00	19.00	20.2	0.0	
Channel				344000	349000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	18.76	19.06	18.94	20.2	0.0	
Channel				343500	349000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	18.89	19.01	19.01	20.2	0.0	
Channel				343000	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	18.76	18.95	18.93	20.2	0.0	
Channel				342500	349000	355500	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	18.83	18.93	18.99	20.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq.	Power Middle Ch. 1 Freq.	Power High Ch. 1 Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	23.58	23.66	23.63			
40	QPSK	1	yyy	23.55	23.65	23.60	24.5	0.0	
40	QPSK	1	214	23.35	23.40	23.37			
40	QPSK	108	0	22.51	22.56	22.53	23.5	1.0	
40	QPSK	108	54	23.55	23.63	23.60	24.5	0.0	
40	QPSK	108	108	22.50	22.55	22.53	23.5	1.0	
40	QPSK	216	0	22.53	22.60	22.58	23.5	1.0	
40	16QAM	1	1	22.06	22.12	22.06	23.5	1.0	
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5	
40	256QAM	1	1	19.26	19.31	19.25	20.0	4.5	
Channel				345000	349000	353000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0	
Channel				343500	349000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	23.49	23.58	23.52	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	23.50	23.58	23.58	24.5	0.0	



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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	18.98	18.98	19.07	20.2	0.0
40	QPSK	1	53	18.83	18.96	18.83		
40	QPSK	1	104	18.81	19.03	18.91		
40	QPSK	50	0	18.88	18.97	18.92	20.2	0.0
40	QPSK	50	28	18.95	19.06	18.98	20.2	0.0
40	QPSK	50	58	18.98	18.98	18.95	20.2	0.0
40	QPSK	100	0	18.92	19.05	18.95		
40	16QAM	1	1	18.80	19.03	18.86		
40	64QAM	1	1	18.93	18.99	18.90	20.2	0.0
40	256QAM	1	1	18.89	18.90	18.84	20.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.80	19.00	18.83	20.2	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.87	18.89	18.89	20.2	0.0
Channel				515002	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.91	19.02	18.96	20.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.86	18.93	18.85	20.2	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	14.50	14.52	14.51	15.7	0.0
40	QPSK	1	53	14.39	14.41	14.33		
40	QPSK	1	104	14.25	14.28	14.42		
40	QPSK	50	0	14.24	14.39	14.26	15.7	0.0
40	QPSK	50	28	14.46	14.50	14.45	15.7	0.0
40	QPSK	50	58	14.22	14.31	14.37	15.7	0.0
40	QPSK	100	0	14.32	14.40	14.25		
40	16QAM	1	1	14.34	14.30	14.30		
40	64QAM	1	1	14.17	14.31	14.27	15.7	0.0
40	256QAM	1	1	14.35	14.35	14.27	15.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.33	14.35	14.24	15.7	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.37	14.43	14.37	15.7	0.0
Channel				516502	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.39	14.40	14.33	15.7	0.0
Channel				516004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.41	14.42	14.31	15.7	0.0

16.9 16.9 16.95

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	18.98	18.98	19.07	19.5	0.0
40	QPSK	1	53	17.99	18.01	17.85		
40	QPSK	1	104	18.04	17.89	17.84		
40	QPSK	50	0	17.82	17.79	17.97	19.5	0.0
40	QPSK	50	28	17.93	18.06	17.89	19.5	0.0
40	QPSK	50	58	17.92	17.94	17.75	19.5	0.0
40	QPSK	100	0	17.91	17.88	17.97		
40	16QAM	1	1	18.00	17.90	17.83		
40	64QAM	1	1	17.76	17.90	17.82	19.5	0.0
40	256QAM	1	1	17.80	17.85	17.87	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.86	17.92	17.82	19.5	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.98	17.88	17.75	19.5	0.0
Channel				516502	519000	522998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.89	17.87	17.76	19.5	0.0
Channel				516004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.97	17.94	17.87	19.5	0.0



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	18.16	18.23	19.10			
100	QPSK	1	137	18.96	19.10	19.04	20.2	0.0	
100	QPSK	1	271	18.96	19.10	18.98			
100	QPSK	135	0	18.99	19.07	18.92	20.2	0.0	
100	QPSK	135	69	18.06	18.18	19.05	20.2	0.0	
100	QPSK	135	138	18.05	18.06	18.95			
100	QPSK	270	0	19.03	19.14	19.05	20.2	0.0	
100	16QAM	1	1	19.02	19.10	19.05	20.2	0.0	
100	64QAM	1	1	18.95	19.14	18.99	20.2	0.0	
100	256QAM	1	1	19.07	19.12	19.05	20.2	0.0	
Channel				508200	518598	526998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.02	19.12	18.96	20.2	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.00	19.08	18.97	20.2	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.94	19.03	18.97	20.2	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.84	19.00	18.83	20.2	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.03	19.03	18.99	20.2	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.95	19.12	18.96	20.2	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.08	19.10	18.97	20.2	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.01	19.10	18.99	20.2	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	14.59	14.69	14.46			
100	QPSK	1	137	14.27	14.45	14.24	15.7	0.0	
100	QPSK	1	271	14.30	14.46	14.36			
100	QPSK	135	0	14.34	14.30	14.23	15.7	0.0	
100	QPSK	135	69	14.41	14.52	14.38	15.7	0.0	
100	QPSK	135	138	14.40	14.40	14.36			
100	QPSK	270	0	14.41	14.45	14.34	15.7	0.0	
100	16QAM	1	1	14.32	14.25	14.37	15.7	0.0	
100	64QAM	1	1	14.32	14.28	14.21	15.7	0.0	
100	256QAM	1	1	14.39	14.44	14.30	15.7	0.0	
Channel				508200	518598	526998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	14.45	14.58	14.50	15.7	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	14.47	14.58	14.49	15.7	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	14.49	14.48	14.37	15.7	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	14.52	14.58	14.50	15.7	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	14.50	14.46	14.40	15.7	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	14.43	14.44	14.47	15.7	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	14.44	14.49	14.51	15.7	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	14.51	14.55	14.50	15.7	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	18.07	18.23	17.98			
100	QPSK	1	137	18.05	17.91	17.94	19.5	0.0	
100	QPSK	1	271	18.07	17.92	17.85			
100	QPSK	135	0	17.99	17.89	17.92	19.5	0.0	
100	QPSK	135	69	18.05	18.17	18.04	19.5	0.0	
100	QPSK	135	138	17.88	17.99	18.03			
100	QPSK	270	0	18.03	18.04	17.93	19.5	0.0	
100	16QAM	1	1	17.91	18.03	18.02	19.5	0.0	
100	64QAM	1	1	17.91	17.93	17.93	19.5	0.0	
100	256QAM	1	1	17.94	17.92	17.95	19.5	0.0	
Channel				508200	518598	526998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.09	17.99	17.98	19.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.01	17.93	17.97	19.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.09	18.00	17.89	19.5	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.09	18.04	17.86	19.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.08	17.95	17.87	19.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	17.07	17.98	17.92	19.5	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	17.97	18.06	17.89	19.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.01	17.98	17.88	19.5	0.0	



Reduced Power Mode for ECI 4

n5_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				167300			25.2	0.0
Frequency (MHz)				836.5				
25	QPSK	1	1	23.83				
25	QPSK	1	66	23.81				
25	QPSK	1	131	23.75			24.2	1.0
25	QPSK	64	0	22.83				
25	QPSK	64	32	23.81			25.2	0.0
25	QPSK	64	66	22.86			24.2	1.0
25	QPSK	128	0	22.85				
25	16QAM	1	1	22.48			24.2	1.0
25	64QAM	1	1	21.05			22.7	2.5
25	256QAM	1	1	19.67			20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				833	836.5	839		
20	QPSK	1	1	23.76	23.72	23.74	25.2	0.0
Channel				166300	167200	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.69	23.67	23.71	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.67	23.71	23.68	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.75	23.68	23.65	25.2	0.0

n5_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				837.000			20.7	0.0
Frequency (MHz)				836.5				
25	QPSK	1	1	19.41				
25	QPSK	1	66	19.28				
25	QPSK	1	131	19.23			20.7	0.0
25	QPSK	64	0	19.27				
25	QPSK	64	32	19.35			20.7	0.0
25	QPSK	64	66	19.30			20.7	0.0
25	QPSK	128	0	19.24				
25	16QAM	1	1	19.23			20.7	0.0
25	64QAM	1	1	19.24			20.7	0.0
25	256QAM	1	1	19.22			20.7	0.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	19.03	19.08	19.14	20.7	0.0
Channel				166300	167200	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.07	19.02	19.09	20.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	18.94	18.97	19.04	20.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.00	19.09	19.08	20.7	0.0

n7_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000	25.2	0.0
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	24.02	24.05	24.00		
50	QPSK	1	135	23.97	24.00	23.98		
50	QPSK	1	268	23.92	23.99	23.93	24.2	1.0
50	QPSK	135	0	22.94	22.99	22.95		
50	QPSK	135	68	24.00	24.03	23.98	25.2	0.0
50	QPSK	135	135	22.98	23.00	22.97	24.2	1.0
50	QPSK	270	0	23.00	23.02	22.98		
50	16QAM	1	1	22.51	22.56	22.49	24.2	1.0
50	64QAM	1	1	21.04	21.12	21.05	22.7	2.5
50	256QAM	1	1	19.67	19.72	19.67	20.7	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.97	23.95	23.92	25.2	0.0
Channel				502000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.95	24.01	23.92	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.92	23.95	23.95	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.94	24.00	23.94	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.95	23.96	23.94	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.97	23.96	23.91	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.92	24.01	23.94	25.2	0.0



n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545	13.7	0.0	
Frequency (MHz)				12.72	12.79	12.69			
50	QPSK	1	1	12.70	12.57	12.63	13.7	0.0	
50	QPSK	1	135	12.58	12.62	12.56			
50	QPSK	135	0	12.48	12.68	12.50	13.7	0.0	
50	QPSK	135	68	12.62	12.73	12.66	13.7	0.0	
50	QPSK	135	135	12.48	12.62	12.53	13.7	0.0	
50	QPSK	270	0	12.60	12.67	12.65			
50	16QAM	1	1	12.60	12.65	12.52	13.7	0.0	
50	64QAM	1	1	12.63	12.84	12.60	13.7	0.0	
50	256QAM	1	1	12.50	12.59	12.52	13.7	0.0	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550	13.7	0.0	
40	QPSK	1	1	12.41	12.40	12.21	Tune-up limit (dBm)	MPR (dB)	
Channel				509000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	13.7	0.0	
30	QPSK	1	1	12.33	12.56	12.52	13.7	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	13.7	0.0	
25	QPSK	1	1	12.34	12.50	12.42	13.7	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	13.7	0.0	
20	QPSK	1	1	12.35	12.49	12.43	13.7	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	13.7	0.0	
15	QPSK	1	1	12.34	12.55	12.50	13.7	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	13.7	0.0	
10	QPSK	1	1	12.44	12.55	12.51	13.7	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	13.7	0.0	
5	QPSK	1	1	12.46	12.50	12.45	13.7	0.0	

n7_Ant 4									
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				505000	507000	509000	22.0	0.0	
Frequency (MHz)				20.75	20.79	20.69			
50	QPSK	1	1	20.70	20.55	20.63	22.0	0.0	
50	QPSK	1	268	20.63	20.58	20.53			
50	QPSK	135	0	20.59	20.64	20.51	22.0	0.0	
50	QPSK	135	68	20.63	20.71	20.62	22.0	0.0	
50	QPSK	135	135	20.51	20.69	20.61	22.0	0.0	
50	QPSK	270	0	20.62	20.65	20.53			
50	16QAM	1	1	20.54	20.59	20.58	22.0	0.0	
50	64QAM	1	1	20.42	20.45	20.39	22.0	0.0	
50	256QAM	1	1	19.00	19.04	19.00	20.0	2.0	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2020	2035	2050	22.0	0.0	
40	QPSK	1	1	20.59	20.46	20.50	Tune-up limit (dBm)	MPR (dB)	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2015	2035	2055	22.0	0.0	
30	QPSK	1	1	20.60	20.59	20.51	22.0	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2012.5	2035	2057.5	22.0	0.0	
25	QPSK	1	1	20.54	20.51	20.54	22.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2010	2035	2060	22.0	0.0	
20	QPSK	1	1	20.55	20.49	20.54	22.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2007.5	2035	2062.5	22.0	0.0	
15	QPSK	1	1	20.61	20.46	20.52	22.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2005	2035	2065	22.0	0.0	
10	QPSK	1	1	20.61	20.46	20.55	22.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2002.5	2035	2067.5	22.0	0.0	
5	QPSK	1	1	20.49	20.57	20.57	22.0	0.0	

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800	25.2	0.0	
Frequency (MHz)				824	831.5	839			
20	QPSK	1	1	23.80	23.62	23.79	25.2	0.0	
20	QPSK	1	53	23.77	23.79	23.74			
20	QPSK	1	104	23.72	23.77	23.69	25.2	0.0	
20	QPSK	50	0	22.74	22.80	22.75	24.2	1.0	
20	QPSK	50	28	23.77	23.80	23.76	25.2	0.0	
20	QPSK	50	56	22.80	22.82	22.78	24.2	1.0	
20	QPSK	100	0	22.77	22.79	22.75	24.2	1.0	
20	16QAM	1	1	22.80	22.52	22.46	24.2	1.0	
20	64QAM	1	1	21.11	21.15	21.12	22.7	2.5	
20	256QAM	1	1	19.73	19.75	19.71	20.7	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	25.2	0.0	
15	QPSK	1	1	23.72	23.78	23.70	Tune-up limit (dBm)	MPR (dB)	
Channel				163300	165300	167300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	25.2	0.0	
10	QPSK	1	1	23.73	23.74	23.69	Tune-up limit (dBm)	MPR (dB)	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	25.2	0.0	
5	QPSK	1	1	23.75	23.74	23.74	25.2	0.0	

n26(FCC)_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800	20.7	0.0
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	19.69	19.80	19.66		
20	QPSK	1	53	19.65	19.59	19.63	20.7	0.0
20	QPSK	1	104	19.60	19.64	19.61		
20	QPSK	50	0	19.55	19.71	19.53		
20	QPSK	50	28	19.60	19.73	19.60	20.7	0.0
20	QPSK	50	56	19.53	19.58	19.58		
20	QPSK	100	0	19.52	19.69	19.53		
20	16QAM	1	1	19.65	19.64	19.56	20.7	0.0
20	64QAM	1	1	19.52	19.49	19.52		
20	256QAM	1	1	19.50	19.54	19.60		
Channel				164300	166300	166300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5	20.7	0.0
15	QPSK	1	1	19.50	19.49	19.51	20.7	0.0
Channel				163300	165300	165300		
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	19.50	19.56	19.61	20.7	0.0
Channel				163300	166300	169300		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	19.62	19.53	19.62	20.7	0.0

n66_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	25.2	0.0
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.85	23.89	23.87		
40	QPSK	1	168	23.78	23.85	23.79	25.2	0.0
40	QPSK	1	214	23.62	23.67	23.59		
40	QPSK	108	0	22.82	22.85	22.79		
40	QPSK	108	54	23.83	23.87	23.85	24.2	1.0
40	QPSK	108	108	22.82	22.84	22.83		
40	QPSK	216	0	22.81	22.85	22.83		
40	16QAM	1	1	22.26	22.32	22.28	24.2	1.0
40	64QAM	1	1	20.84	20.91	20.88		
40	256QAM	1	1	19.49	19.51	19.43		
Channel				345000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	25.2	0.0
30	QPSK	1	1	23.77	23.79	23.77	25.2	0.0
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.76	23.79	23.77	25.2	0.0
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.77	23.82	23.80	25.2	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.78	23.82	23.82	25.2	0.0
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.77	23.83	23.82	25.2	0.0

n66_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	16.92	16.99	16.97	18.2	0.0	
40	QPSK	1	108	16.88	16.81	16.84			
40	QPSK	1	214	16.73	16.87	16.91			
40	QPSK	108	0	16.77	16.85	16.88	18.2	0.0	
40	QPSK	108	54	16.89	16.98	16.97	18.2	0.0	
40	QPSK	108	108	16.71	16.89	16.77	18.2	0.0	
40	QPSK	216	0	16.78	16.92	16.89	18.2	0.0	
40	16QAM	1	1	16.72	16.73	16.70	18.2	0.0	
40	64QAM	1	1	16.80	16.78	16.69	18.2	0.0	
40	256QAM	1	1	16.70	16.78	16.80	18.2	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	16.64	16.69	16.66	18.2	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	16.69	16.75	16.66	18.2	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.69	16.64	16.75	18.2	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	16.63	16.64	16.69	18.2	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	16.58	16.70	16.68	18.2	0.0	

n66_Ant 4									
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				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	QPSK	1	1	23.58	23.66	23.63	24.5	0.0	
40	QPSK	1	108	23.55	23.65	23.60			
40	QPSK	1	214	23.35	23.40	23.37			
40	QPSK	108	0	22.51	22.56	22.53	23.5	1.0	
40	QPSK	108	54	23.55	23.63	23.60	24.5	0.0	
40	QPSK	108	108	22.50	22.55	22.53	23.5	1.0	
40	QPSK	216	0	22.53	22.60	22.58	23.5	1.0	
40	16QAM	1	1	22.06	22.12	22.05	23.5	1.0	
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5	
40	256QAM	1	1	19.28	19.31	19.25	20.0	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.49	23.58	23.52	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.50	23.56	23.53	24.5	0.0	



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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	23.94	23.95	23.96	25.2	0.0
40	QPSK	1	53	23.83	23.88	23.92		
40	QPSK	1	104	23.90	23.93	23.91		
40	QPSK	50	0	22.73	22.81	22.76	24.2	1.0
40	QPSK	50	28	23.95	23.98	23.95	25.2	0.0
40	QPSK	50	56	22.76	22.80	22.75		
40	QPSK	100	0	22.78	22.81	22.77	24.2	1.0
40	16QAM	1	1	22.64	22.67	22.60	24.2	1.0
40	64QAM	1	1	21.18	21.21	21.19	22.7	2.5
40	256QAM	1	1	19.74	19.76	19.69	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.92	23.93	23.87	25.2	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.91	23.90	23.91	25.2	0.0
Channel				515502	518000	522498	Tune-up limit (dBm)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.92	23.93	23.91	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.89	23.94	23.92	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	12.63	12.70	12.74	13.7	0.0
40	QPSK	1	53	12.40	12.43	12.43		
40	QPSK	1	104	12.37	12.52	12.59		
40	QPSK	50	0	12.53	12.53	12.57	13.7	0.0
40	QPSK	50	28	12.62	12.72	12.69	13.7	0.0
40	QPSK	50	56	12.55	12.66	12.63		
40	QPSK	100	0	12.60	12.64	12.52	13.7	0.0
40	16QAM	1	1	12.33	12.50	12.47	13.7	0.0
40	64QAM	1	1	12.35	12.57	12.42	13.7	0.0
40	256QAM	1	1	12.46	12.57	12.54	13.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	12.35	12.43	12.33	13.7	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	12.35	12.45	12.34	13.7	0.0
Channel				515502	518000	522498	Tune-up limit (dBm)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	12.45	12.37	12.40	13.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	12.33	12.46	12.43	13.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	20.09	20.22	20.09		
40	QPSK	1	53	19.91	20.11	19.98	21.5	0.0
40	QPSK	1	104	19.88	20.01	19.91		
40	QPSK	50	0	19.93	19.94	19.92	21.5	0.0
40	QPSK	50	28	20.03	20.11	19.94	21.5	0.0
40	QPSK	50	56	20.00	19.97	19.91		
40	QPSK	100	0	20.07	20.08	19.93	21.5	0.0
40	16QAM	1	1	20.04	20.03	20.00	21.5	0.0
40	64QAM	1	1	19.93	20.08	19.97	21.5	0.0
40	256QAM	1	1	19.02	19.04	19.00	20.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR
Frequency (MHz)				2585.01	2595	2604.98		
30	QPSK	1	1	19.97	20.08	20.08	21.5	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.02	20.02	19.97	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.02	20.04	19.95	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.98	20.07	19.99	21.5	0.0



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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	24.03	24.02	23.97			
100	QPSK	1	137	23.89	23.95	23.93	25.2	0.0	
100	QPSK	1	271	23.77	23.82	23.79			
100	QPSK	135	0	22.81	22.89	22.86	24.2	1.0	
100	QPSK	135	69	23.97	23.99	23.95	25.2	0.0	
100	QPSK	135	135	22.86	22.88	22.83	24.2	1.0	
100	QPSK	270	0	22.90	22.93	22.88			
100	16QAM	1	1	22.50	22.57	22.51	24.2	1.0	
100	64QAM	1	1	21.04	21.12	21.05	22.7	2.5	
100	256QAM	1	1	19.77	19.84	19.82	20.7	4.5	
Channel				506200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2544	2592.99	2644.98			
90	QPSK	1	1	23.94	23.93	23.93	25.2	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	23.91	23.97	23.91	25.2	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	23.93	23.93	23.90	25.2	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	23.93	23.96	23.92	25.2	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	23.90	23.92	23.89	25.2	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	23.94	23.96	23.92	25.2	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	23.89	23.97	23.93	25.2	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.89	23.96	23.91	25.2	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	12.67	12.64	12.61			
100	QPSK	1	137	12.61	12.67	12.66	13.7	0.0	
100	QPSK	1	271	12.57	12.64	12.65			
100	QPSK	135	0	12.57	12.73	12.73	13.7	0.0	
100	QPSK	135	69	12.79	12.91	12.83	13.7	0.0	
100	QPSK	135	135	12.68	12.77	12.91			
100	QPSK	270	0	12.64	12.83	12.78	13.7	0.0	
100	16QAM	1	1	12.52	12.67	12.63	13.7	0.0	
100	64QAM	1	1	12.68	12.74	12.65	13.7	0.0	
100	256QAM	1	1	12.56	12.69	12.57	13.7	0.0	
Channel				506200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2544	2592.99	2644.98			
90	QPSK	1	1	12.33	12.39	12.54	13.7	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	12.24	12.38	12.49	13.7	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	12.32	12.45	12.53	13.7	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	12.35	12.35	12.51	13.7	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	12.26	12.39	12.48	13.7	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	12.33	12.31	12.50	13.7	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	12.25	12.33	12.55	13.7	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	12.35	12.39	12.40	13.7	0.0	

FCC_n41_Ant 4									
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				506202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	QPSK	1	1	20.33	20.41	20.34			
100	QPSK	1	137	20.28	20.22	20.14	21.5	0.0	
100	QPSK	1	271	20.21	20.30	20.24			
100	QPSK	135	0	20.23	20.23	20.25	21.5	0.0	
100	QPSK	135	69	20.27	20.28	20.28	21.5	0.0	
100	QPSK	135	135	20.25	20.15	20.19			
100	QPSK	270	0	20.17	20.27	20.16	21.5	0.0	
100	16QAM	1	1	20.02	19.89	19.86	21.5	0.0	
100	64QAM	1	1	20.03	19.92	19.94	21.5	0.0	
100	256QAM	1	1	18.98	19.03	19.00	20.0	1.5	
Channel				506200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2544	2592.99	2644.98			
90	QPSK	1	1	19.94	19.86	19.92	21.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	20.04	19.89	19.88	21.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.90	19.91	19.90	21.5	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.97	19.94	19.93	21.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.95	19.86	19.88	21.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.94	19.89	19.91	21.5	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	20.00	19.96	19.99	21.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.94	19.85	19.98	21.5	0.0	

WIFI&BT Power

<WLAN 2.4GHz FCC>

	Mode	Channel	Full Power		Head(Receiver on) Standalone		Head(Receiver on) Simultaneous		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous&Hotspot on		Duty Cycle	
			Art 7		Art 7		Art 7		Art 7		Art 7			
			Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)		Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	13.50	14.00	13.50	14.00	12.98	13.50	13.50	14.00	13.50	14.00	100.00
		2	2417	17.50	18.00	17.00	17.50	13.00	13.50	17.50	18.00	17.50	18.00	
		6	2437	17.60	18.00	17.05	17.50	13.08	13.50	17.60	18.00	17.60	18.00	
	802.11g 6Mbps	11	2462	17.60	18.00	17.07	17.50	13.09	13.50	17.60	18.00	17.60	18.00	97.54
		6	2437	16.50	17.00		17.00		13.50	17.00		17.00		
		11	2462	15.50	16.00		16.00		13.50	16.00		16.00		
	802.11n-HT20 MCS0	1	2412	14.40	15.00		15.00		13.50	15.00		15.00		97.38
		6	2437	16.00	17.00		17.00		13.50	17.00		17.00		
		11	2462	14.60	15.00		15.00		13.50	15.00		15.00		
	802.11n-HT40 MCS0	3	2422	11.90	13.00		13.00		13.50	13.00		13.00		94.74
		4	2427	12.80	14.00		14.00		13.50	14.00		14.00		
		5	2432	15.30	16.50		16.50		13.50	16.50		16.50		
802.11ac-VHT20 MCS0	802.11ac-VHT20 MCS0	6	2437	15.90	16.50		16.50		13.50	16.50		16.50		97.38
		8	2447	13.40	14.50		14.50		13.50	14.50		14.50		
		9	2452	12.50	13.50	Not Required	13.50	Not Required	13.50	Not Required	13.50	Not Required	13.50	
	802.11ac-VHT40 MCS0	1	2412		15.00		15.00		13.50	15.00		15.00		94.74
		6	2437		15.00		15.00		13.50	15.00		15.00		
		11	2462		15.00		15.00		13.50	15.00		15.00		
	802.11ac-VHT40 MCS0	3	2422		13.00		13.00		13.50	13.00		13.00		94.74
		4	2427	Not Required	14.00		14.00		13.50	14.00		14.00		
		5	2432		16.50		16.50		13.50	16.50		16.50		
	802.11ac-VHT40 MCS0	6	2437		16.50		16.50		13.50	16.50		16.50		94.74
		8	2447		14.50		14.50		13.50	14.50		14.50		
		9	2452		13.50		13.50		13.50	13.50		13.50		

<WLAN 5GHz FCC>

	Mode	Channel	Full Power		Head(Receiver on) Standalone	Head(Receiver on) Simultaneous(WWAN+5G)	Head(Receiver on) Simultaneous(WWAN+5G+BT)	Body(Receiver off) Standalone	Body(Receiver off) Simultaneous&Hotspot on	Body(Receiver off) Simultaneous(WWAN+5G+BT)	Duty Cycle									
			Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)		Tune-Up Limit								
													Art 7		Art 7		Art 7		Art 7	
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.74	18.50	13.50	10.50	10.50	17.50	16.00	15.50	97.20								
		40	5200	17.62	19.50	13.50	10.50	10.50	17.50	16.00	15.50									
		44	5220	18.23	20.00	13.50	10.50	10.50	17.50	16.00	15.50									
	802.11n-HT20 MCS0	48	5240	18.18	20.00	Not Required	13.50	10.50	10.50	17.50	16.00	15.50	97.39							
		36	5180	16.77	18.50	Required	13.50	10.50	10.50	Not Required	17.50	16.00		Not Required						
		40	5200	17.65	19.50	Not Required	13.50	10.50	10.50	17.50	16.00	15.50								
	802.11n-HT40 MCS0	44	5220	18.32	20.00	Not Required	13.50	10.50	10.50	17.50	16.00	15.50	94.74							
		48	5240	18.24	20.00	Not Required	13.50	10.50	Not Required	10.50	17.50	16.00		15.50						
		38	5190	12.59	14.50	11.52	13.50	10.50	10.50	12.59	14.50	12.59		14.50						
	802.11ac-VHT20 MCS0	46	5230	16.68	18.50	11.61	13.50	10.50	10.50	15.62	17.50	14.28	13.62	15.50						
		36	5180		18.50	13.50	10.50	10.50	10.50	17.50	16.00	15.50	97.39							
		40	5200		19.50	13.50	10.50	10.50	10.50	17.50	16.00	15.50								
	44	5220	Not Required	20.00	Not Required	13.50	10.50	10.50	Not Required	17.50	16.00	15.50								
	802.11ac-VHT40 MCS0	48	5240	Required	20.00	Required	13.50	10.50	10.50	17.50	16.00	15.50	94.74							
		36	5180		14.50	13.50	10.50	10.50	10.50	14.50	14.50	14.50		14.50						
		46	5230		16.50	16.50	13.50	10.50	10.50	16.50	16.50	16.50		16.50						
802.11ac-VHT80 MCS0	42	5210	10.54	12.50	10.54	12.50	8.58	10.50	8.06	10.50	10.54	12.50	10.54	12.50	90.56					

	Mode	Channel	Full Power		Head(Receiver on) Standalone		Head(Receiver on) Simultaneous(WWAN+5G)		Head(Receiver on) Simultaneous(WWAN+5G+BT)		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous		Body(Receiver off) Simultaneous(WWAN+5G+BT)		Duty Cycle		
			Art 7		Art 7		Art 7		Art 7		Art 7		Art 7		Art 7				
			Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)		Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.21	20.00		13.50		10.50		10.50		17.50		16.00		15.50	97.20	
		56	5280	17.83	19.50		13.50		10.50		10.50		17.50		16.00		15.50		
		60	5300	16.50	18.50		13.50		10.50		10.50		17.50		16.00		15.50		
	802.11n-HT20 MCS0	40	5200	14.54	16.50		13.50		10.50		10.50		17.50		16.00		15.50	97.39	
		52	5260	18.42	20.00	Required	13.50		10.50		10.50	Not Required		17.50	Not Required	16.00			15.50
		56	5280	17.65	19.50		13.50		10.50		10.50		17.50		16.00		15.50		
	802.11n-HT40 MCS0	60	5300	16.50	18.50		13.50		10.50		10.50		17.50		16.00		15.50	94.74	
		64	5320	14.58	16.50		13.50		10.50		10.50		17.50		16.00		15.50		
		54	5270	16.61	18.50	11.56	13.50	Not Required	10.50	Not Required	10.50	15.52	17.50	14.06	16.00	13.61	15.50		
	802.11ac-VHT20 MCS0	62	5310	12.06	14.00	11.52	13.50		10.50		10.50	12.06	14.00	12.06	14.00	12.06	14.00	97.39	
		52	5260		20.00		13.50		10.50		10.50		17.50		16.00		15.50		
		56	5280		19.50		13.50		10.50		10.50		17.50		16.00		15.50		
	802.11ac-VHT40 MCS0	60	5300	Not	16.50	Not	13.50		10.50		10.50	Not Required		17.50	Not Required	16.00		15.50	94.74
		64	5320	Required	16.50	Required	13.50		10.50		10.50		16.50		16.00		15.50		
		54	5270		18.50		13.50		10.50		10.50		17.50		16.00		15.50		
	802.11ac-VHT80 MCS0	62	5310		14.00		13.50		10.50		10.50		14.00		14.00		14.00	90.56	
		58	5290	10.02	12.00	10.02	12.00	8.56	10.50	8.04	10.50	10.02	12.00	10.02	12.00	10.02	12.00		

Mode	Full Power				Head(Receiver on) Standalone	Head(Receiver on) Simultaneous(WWAN+5G)	Head(Receiver on) Simultaneous(WWAN+5G+BT)	Body(Receiver off) Standalone	Body(Receiver off) Simultaneous	Body(Receiver off) Simultaneous(WWAN+5G+BT)	Duty Cycle %					
	Art 7		Art 7		Art 7	Art 7	Art 7	Art 7	Art 7	Art 7						
	Channel	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)		Tune-Up Limit				
802.11a 6Mbps	100	5500	12.59	14.50	13.50	10.50	10.50	10.50	14.50	14.50	14.50	97.20				
	116	5580	18.64	20.50	13.50	10.50	10.50	17.50	16.00	15.50						
	124	5620	18.59	20.50	13.50	10.50	10.50	17.50	16.00	15.50						
	132	5660	17.58	19.50	13.50	10.50	10.50	17.50	16.00	15.50						
	140	5700	12.57	14.50	13.50	10.50	10.50	14.50	14.50	14.50						
	100	5500	12.62	14.50	13.50	10.50	10.50	14.50	14.50	14.50						
802.11n-HT20 MCS0	116	5580	18.67	20.50	13.50	10.50	10.50	17.50	16.00	15.50	97.39					
	124	5620	18.62	20.50	13.50	10.50	10.50	17.50	16.00	15.50						
	132	5660	17.61	19.50	13.50	10.50	10.50	17.50	16.00	15.50						
	140	5700	12.62	14.50	13.50	10.50	10.50	14.50	14.50	14.50						
	102	5510	10.07	12.00	12.00	10.50	10.50	12.00	12.00	12.00		94.74				
	110	5550	16.09	18.50	13.50	10.50	10.50	17.50	16.00	15.50						
128	5630	17.61	19.50	13.50	10.50	10.50	17.50	16.00	15.50							
134	5670	13.57	15.50	13.50	10.50	10.50	15.50	15.50	15.50							
100	5500	15.00	15.00	13.50	10.50	10.50	15.00	15.00	15.00							
116	5580	20.50	20.50	13.50	10.50	10.50	17.50	16.00	15.50	97.39						
124	5620	20.50	20.50	13.50	10.50	10.50	17.50	16.00	15.50							
132	5660	19.50	19.50	13.50	10.50	10.50	17.50	16.00	15.50							
140	5700	Not Required	14.50	13.50	10.50	10.50	14.50	14.50	14.50							
102	5510	12.00	12.00	10.50	10.50	10.50	12.00	12.00	12.00							
110	5550	18.50	18.50	13.50	10.50	10.50	17.50	16.00	15.50							
802.11ac-VHT40 MCS0	128	5630	19.50	19.50	13.50	10.50	10.50	17.50	16.00	15.50	94.74					
	134	5670	13.50	13.50	13.50	10.50	10.50	15.50	15.50	15.50						
	106	5530	11.11	11.11	13.00	8.51	10.50	8.03	10.50	11.11		13.00	11.11	13.00	11.11	13.00
802.11ac-VHT80 MCS0	122	5610	15.95	17.50	13.50	8.58	10.50	8.06	10.50	15.95	14.10	13.00	13.58	13.58	13.00	

<Bluetooth>			Ant. 7		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.10	9.80	9.80
	CH 39	2441	12.20	9.70	9.70
	CH 78	2480	12.10	9.60	9.60
Tune-up Limit			14	11	11

			Ant. 7	
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	Tune-up Limit
LE	CH 00	2402	6.20	8
	CH 19	2440	7.00	8
	CH 39	2480	6.20	8

			Ant. 7	
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			2Mbps	Tune-up Limit
LE	CH 01	2404	6.10	8
	CH 19	2440	6.90	8
	CH 38	2478	6.10	8